

What's New | PUBLIC
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What's New in SAP S/4HANA and SAP S/4HANA Cloud Private Edition 2025

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1 What's New

What's New in SAP S/4HANA and SAP S/4HANA Cloud Private Edition provides you with delta information on all new, changed or deleted features of these products. The What's New Viewer provides the same information in an interactive format.

2 Cross Components

2.1 WalkMe-Based Alternative User Experience for In-App Help

Business Details

In addition to the current user experience for in-app help, SAP S/4HANA and SAP S/4HANA Cloud Private Edition support a WalkMe-based alternative.

> → Tip
>
> Furthermore, WalkMe Premium for SAP S/4HANA and SAP S/4HANA Cloud Private Edition is available as a separate license. The integration of WalkMe Premium for SAP S/4HANA and SAP S/4HANA Cloud Private Edition helps you to increase adoption and proficiency, accelerate onboarding, and simplify change management through in-app guidance. For more information about WalkMe Premium capabilities, refer to WalkMe or contact your SAP Account Executive.

Implementation Details

The *WalkMe-based alternative user experience for in-app help* will not automatically be available in your system.

The fields for the WalkMe configuration are empty by default. To activate WalkMe, proceed as described in the chapter *Enable Context-Sensitive User Assistance and Back-End Help Links* in the *Installation Guide for SAP S/4HANA* on https://help.sap.com/s4hana.

Effects on Existing Data

Enabling the WalkMe-based alternative in-app help user experience changes the display of in-app help. It will also change what type of in-app help will be displayed. For example, new WalkMe-based content will be displayed in addition to the existing in-app help content, and at the same time some existing content will no longer be available, or will be displayed differently. For more information, see SAP Note 3634154.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	• `WME-CON` (*Console for WalkMe*) • `WME-INS` (*Insights for WalkMe*) • `WME-AI` (*AI Capabilities for WalkMe*) • `WME-ADM` (*Admin Content Features for WalkMe*) • `WME-WEB` (*Web Editor and Browser for WalkMe*) • `WME-LOB-FLP` (*WalkMe Integration with SAP Fiori Launchpad*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Integration with WalkMe

2.2 Improved In-App Help Experience in UI5 Apps

Business Details

In UI5 apps, you can now see ABAP back-end texts in the in-app help, providing more context-sensitive information for the UI elements shown on the screen.

This new behavior is active by default in your system.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable

Application Component	CA (*Cross-Application Components*)
Valid as Of	2025

2.3 Business Event Logging

2.3.1 View Object Relationships

Business Details

With this feature, you can view inbound and outbound relationships for logged objects in the **Display Business Events by Objects** app. You can also navigate across object components.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F6035`
Application Component	`CA-GTF-BEL` (*Business Event Logging*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Display Changes to Objects

2.3.2 Log RAP-based C1 Events

Business Details

This feature enables logging of C1-released, RAP-based events for local consumption.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID:`F6021`
Application Component	`CA-GTF-BEL` (*Business Event Logging*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Display Business Event Logs

2.3.3 Grouping Events as Activities

Business Details

With this release, events of the same type and object occurring in the same session are grouped as activities. Sequences in the application **Display Business Events by Objects** are displayed according to activities. A new CDS view is also released to retrieve activity details.

An activity is an action performed by a user or the system that initiates an event in the system.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F6035`
Application Component	`CA-GTF-BEL` (*Business Event Logging*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Display Business Events by Objects

2.3.4 New App: Display Changes to Objects

Business Details

With this app, you can review the changes of your objects on a field level as recorded in business event logging.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App Id: `F8211`
Application Component	`CA-GTF-BEL` (*Business Event Logging*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025

Related Information

Display Changes to Objects

2.3.5 Renamed App: Display Business Events by Objects

Business Details

The *Display Business Events by Objects* app was previously called *Display Business Events by SAP Object*. As of this release, the app has been renamed from *Display Business Events by Objects* to *Display Business Events by SAP Object*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F6035`
Application Component	`CA-GTF-BEL` (*Business Event Logging*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Display Business Events by Objects

2.3.6 Customizing Changes for Business Event Logging

Business Details

This release changes the behavior of a customizing activity in Business Event Logging. The **Activate Business Event Logging** activity no longer includes the option to select the logging of all data. By default, enabling data logging records all business event data.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Customizing Activity: `Activate Business Event Logging`
Application Component	`CA-GTF-BEL` (*Business Event Logging*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Activate Business Event Logging

2.3.7 CDS Views in Business Event Logging

Business Details

New CDS views have been added for Business Event Logging and a few existing ones have been deprecated.

The following CDS views have been released:

Technical Name	Description
C_BUEVLGEVTFULLPYLDJSONDEX_2	Business Event Data v2
C_BUSEVTLOGACTIVITYDEX	Business Event Activity
C_BUSEVTLOGEVENTDEX_3	Business Event Header Data (v3)

The following CDS views have been deprecated:

Technical Name	Description	Additional Information
C_BUSEVTLOGEVENTDEX_2	Business Event Header Data (v2)	Use the following successor: C_BUSEVTLOGEVENTDEX_3
C_BUEVLGEVTFULLPAYLOADJSONDEX	Business Event Data	Use the following successor: C_BUEVLGEVTFULLPYLDJSONDEX_2

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`See table`
Application Component	`CA-GTF-BEL` (*Business Event Logging*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Business Event Header Data (v3)
Business Event Data v2
Business Event Activity

2.4 Master Data Maintenance

2.4.1 Customer/ Supplier Master Data

2.4.1.1 Log Extension for Customer/ Supplier EoP Check

Business Details

This feature enables you to get additional log information on why a certain customer/ supplier couldn't be blocked in the system.

You can use the report *Block Customer and Supplier Master Data* (transaction `CVP_PRE_EOP`) to block customer/ supplier master data that is no longer needed in ongoing business and has exceeded the residence period.

During the blocking process, logs are written, which can be viewed in the *Display Stored Application Logs for Customer and Supplier* report (transaction `CVP_DISPLAY_LOG`) . This new feature provides more comprehensive information on the reasons behind the inability to block a specific customer/supplier. To access this information, simply click on the *Details* button (magnifying glass icon) in the *Details* column of a log entry. A new window appears, offering additional details about the issue.

Implementation Details

This feature is currently available for specific applications only. Refer to SAP Note 3199558 to get an overview.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Report: `CVP_DISPLAY_LOG` (Display Stored Application Logs for Customer and Supplier)
Application Component	`LO-MD-BP-DP` (*Customer/ Supplier Data Privacy*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Valid as Of	2025

Related Information

Logging

2.4.1.2 UI Changes in Maintain Business Partner Report

Business Details

With this release, the user interface of the *Maintain Business Partner* report (transaction BP) was changed. The fields for customer and supplier blocking were moved to new locations.

You can find an overview of all changes in below table:

Business Partner Role: Customer (Accounting/ Sales)

Business Partner Role	Fields	Old Location	New Location
Customer (Accounting) Customer (Sales)	*Deletion blocks*	In the *General Data* area, on the *Customer: General Data* tab.	In the *General Data* area, on the new *Supplier: Status* tab.
Customer (Accounting)	*Posting Block* for *All Company Codes*	In the *Company Code* data area, on the *Customer: Status* tab.	In the *General Data* area, on the new *Customer: Status* tab.
Customer (Sales)	• *Sales Order Block* • *Delivery Block* • *Billing Block* • *Block Sales Support* for *All Sales Areas*	In the *Sales and Distribution* data area, on the *Status* tab.	In the *General Data* area, on the new *Customer: Status* tab.

Business Partner Role: Supplier (Accounting/ Purchasing)

Business Partner Role	Fields	Old Location	New Location
Supplier (Accounting) Supplier (Purchasing)	*Deletion blocks*	In the *General Data* area, on the *Vendor: General Data* tab.	In the *General Data* area, on the new *Supplier: Status* tab.
Supplier (Accounting)	*Posting Block* for *All Company Codes*	In the *Company Code* data area, on the *Vendor: Status*.	In the *General Data* area, on the new *Supplier: Status* tab.

Business Partner Role	Fields	Old Location	New Location
Supplier (Purchasing)	• *Delete Flag for PurchOrg* • *Purchase block POrg level*	In the *Purchasing* data area, on the *Purchasing Data* tab under *Additional Purchasing Data*.	In the *Purchasing* data area, on the new *Status* tab.
	Purchasing block		In the *General Data* area, on the new *Supplier: Status* tab.
	Block function	In the *General Data* data area, on the *Vendor: General Data* tab under *Additional General Data*.	In the *General Data* area, on the new *Supplier: Status* tab.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`SAPLBUPA_DIALOG_JOEL`
Application Component	`CA-FS-CVI` (*Customer Vendor Integration – FS-BP part*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

SAP Note 3501450

2.4.1.3 OData API: Business Partner (A2X)

Business Details

- New entities related to a contact person's communication data are added to the API:
  - Contact Person Email Address
  - Contact Person Telephone Number
  - Contact Person Mobile Number

    - Contact Person Fax Number
    - Contact Person Website URL
- The field `RecipientType` is added to the entity Customer Withholding Tax.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_BUSINESS_PARTNER`
Application Component	`LO-MD-BP-ODT` (*OData Service for Business Partner*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Business Partner (A2X)

2.4.1.4 SOAP API: Business Partner – Replicate from S/4HANA to Client

Business Details

New fields are added to multiple service nodes.

- The field `CustomerRecipientTypeCode` is added to the service node Customer AccountInformation.
- The field `WorkAssignmentExternalID` is added to the following service nodes:
    - Customer PartnerFunctions
    - Supplier ProcurementArrangement

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`BusinessPartnerSUITEBulkReplicateRequest_Out`
Application Component	`LO-MD-BP-WS` (*Web Service for Business Partner*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Business Partner - Replicate from SAP S/4HANA to Client

2.4.1.5 SOAP API: Business Partner – Replicate from Client to SAP S/4HANA

Business Details

New fields are added to multiple service nodes:

- The field `CustomerRecipientTypeCode` is added to the service node Customer AccountInformation.
- The field `WorkAssignmentExternalID` is added to the following service nodes:
  - Customer PartnerFunctions
  - Supplier ProcurementArrangement

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	`BusinessPartnerSUITEBulkReplicateRequest_In`
Application Component	`LO-MD-BP-WS` (*Web Service for Business Partner*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Business Partner - Replicate from Client to SAP S/4HANA

2.4.1.6 Create with Reference: Copy Classification Data

Business Details

With this feature, you can now copy classification data when creating a customer/supplier role with reference to the customer/supplier role of another business partner record.

In the **Maintain Business Partner** app/ report, the **Create with Reference** function now lets you copy not only the general data of a specified customer/ supplier from another business partner but also classification data. To do this, simply select the checkbox labeled **Copy Customer Classification Data** or **Copy Supplier Classification Data** in the popup window that appears.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `BP` Report: `SAPLBUPA_DIALOG_JOEL`
Application Component	`LO-MD-BP` (*Business Partner*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Create with Reference

2.4.2 Business Address Services

2.4.2.1 BAdI for Business Address Services

Business Details

A new BAdI (Address Print Formatting) has been added for Business Address Services. You can use this BAdI to create new address layouts or to modify address layouts that have been formatted by the routines for standard print formatting. Any changes made to the standard formatting must comply with the Universal Postal Union (UPU) standards.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`ADDRESS_PRINT_FORMAT`
Application Component	`BC-SRV-ADR` (*Business Address Services*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

2.4.3 Product Master

2.4.3.1 Lock Fields in Product Master

Business Details

The **Manage Product Master Data** app is now enhanced to include a new checkbox to lock product fields. With this feature, the locked fields cannot be edited

Technical Details

Type	Changed
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	App ID: `F1602`
Application Component	`LO-MD-MM` (*Product Master*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Locking Product Master Fields

2.4.3.2 CDS Views in Product Master

Business Details

New CDS views have been added for Product Master.

The following CDS views have been released:

Technical Name	Description
I_ProductBrand	Product Brand
I_ProductProfileCode	Product Profile Code
I_CompanyCodePeriod	Company Code Period
I_ProductConsumption	Product Consumption
I_ProductWrhsMgmt	Product Warehouse Management

The following CDS view has been changed:

Technical Name	Description
I_ProductWorkScheduling	Product Work Scheduling Core Entity

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	See the table above
Application Component	`LO-MD-MM` (*Product Master Data*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Product Consumption
Product Profile Code
Product Brand
Product SCM
Company Code Period
Product Warehouse Management
Product Work Scheduling Core Entity

2.4.3.3 ODATA API: Product

Business Details

In this release, the Product API includes a new entity: product plant planning.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	API: `Product`
Application Component	`LO-MD-MM` (*Product Master*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Product Plant Planning

2.4.3.4 SOAP API: Product Master - Replicate from Client

Business Details

The following fields have been added to the SOAP API to ensure that the ISO unit of measure corresponding to the product is used during data replication:

- BaseMeasureInternalUnitCode
- HandlingInternalUnitTypeCode
- StandardHandlingInternalUnitTypeCode
- MeasureInternalUnitCode
- ProductProductionQuantityInternalUnitCode
- SalesMeasureInternalUnitCode
- DeliveryQuantityMeasureInternalUnitCode
- OrderMeasureInternalUnitCode
- GoodsIssueInternalUnitCode
- ProductMaximumStoragePeriodInternalUnitCode

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	API: `ProductMDMBulkReplicateRequest_In`
Application Component	`LO-MD-MM` (*Product Master*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Product Master - Replicate from Client to SAP S/4HANA
GlobalTradeItemNumber
Plant
PlantIndependentProcurementSpecification
Product
ProductBOM
SalesSpecification
Storage
WorkScheduling

2.4.3.5 SOAP API: Product Master - Replicate to Client

Business Details

The following fields have been added to the SOAP API to ensure that the ISO unit of measure corresponding to the product is used during data replication:

- BaseMeasureInternalUnitCode
- HandlingInternalUnitTypeCode
- StandardHandlingInternalUnitTypeCode
- MeasureInternalUnitCode
- ProductProductionQuantityInternalUnitCode
- SalesMeasureInternalUnitCode
- DeliveryQuantityMeasureInternalUnitCode
- OrderMeasureInternalUnitCode
- GoodsIssueInternalUnitCode
- ProductMaximumStoragePeriodInternalUnitCode

You can replicate multiple product master records parallelly using parallel processing mode.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1RO
Technical Object Name	API: `ProductMDMBulkReplicateRequest_Out`
Application Component	`LO-MD-MM` (*Product Master*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Product Master - Replicate from SAP S/4HANA to Client
GlobalTradeItemNumber
Plant
PlantIndependentProcurementSpecification
Product
ProductBOM
SalesSpecification
Storage
WorkScheduling

2.4.3.6 Maintaining Plant Planning Data

Business Details

With this release, the **Manage Product Master Data** app is enhanced to include four new fields to maintain plant planning data.

You can now maintain the following data in the app:

- Planning product: Product numbers used by the system to consume the sales orders of the product in question when you use the planning strategy, "planning with planning material".
- Planning plant: Key which specifically identifies the plant from which the planned independent requirements of the reference material comes from.
- Conversion factor: Factor that the system uses to convert the quantity of the current material, measured in the base unit of measure, to the base unit quantity of the planning material.
- Base unit of measure of the planning product: Unit of measure in which stocks of the planning material are managed.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	APP ID: `F1602`
Application Component	`LO-MD-MM` (*Product Master*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Plant

2.4.3.7 Additional Information in Change Documents

Business Details

When a product is created or changed, the changes are recorded in change documents. With this release, you can view where a specific change was made when a product was created or changed. You can also view the transaction code used to make the change.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F1602` API: `Product`, `ProductMDMBulkReplicateRequest_In` Migration/object: `Product`

Application Component	`LO-MD-MM` (*Product Master*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Change Documents

2.4.4 Business Partner for Financial Services

2.4.4.1 CDS View for Tax Compliance Status

Business Details

With the CDS view **Tax Compliance Status** (`I_BPTaxComplianceStatus`), you can retrieve a list of codes for the tax compliance status of a business partner and their corresponding text representations.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`I_BPTaxComplianceStatus`
Application Component	`FS-BP` (*Financial Services Business Partner*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Tax Compliance Status

2.5 Data Migration

2.5.1 Data Migration Objects

Find an overview of new, changed, deprecated, deleted, and unchanged migration objects per SAP S/4HANA release in the linked documentation:

- SAP S/4HANA– Release Comparison of Migration Object Templates (Staging Tables) (for customers and partners only): Find a summary of updates about the migration objects per release (Change Overview) and a detailed list of changes for each specific migration object template (Comparison of Migration Object Templates). This helps you to get an overview and assists you in filling out the data migration templates available in the SAP S/4HANA migration cockpit.
- SAP S/4HANA – Release Comparison of Migration Objects (Direct Transfer) (for customers and partners only): The purpose of this document is to explain the differences between the migration objects of various versions in SAP S/4HANA. This helps you to see what has changed and what is new for the different versions.

Technical Details

Type	New, Changed, Deprecated, Deleted
Functional Localization	Not applicable
Scope Item	2Q2 (Data Migration to SAP S/4HANA from Staging)
Technical Object Name	Not Applicable
Application Component	`CA-GTF-MIG` (*SAP S/4HANA Data Migration Cockpit Content (LTMC)*) `CA-DT-MIG` (*S/4HANA Migration Cockpit - Direct Transfer: Content*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

2.5.2 Migration Object in Sales

Business Details

The migration object, *Material Listing and Exclusion* for the staging approach, now supports additional SAP-predelivered fields.

The table below lists the additional SAP-predelivered fields:

Field	Description
KONDA	*Customer Price Group*
BONUS	*Volume Rebate Group*
PLTYP	*Price List Type*
WAERK	*SD Document Currency*

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	2Q2 (Data Migration to SAP S/4HANA from Staging)
Technical Object Name	LISTEXCL_CND
Application Component	SD-MD-MM-LIS (*Material Listing/Exclusion*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Material listing and exclusion

2.5.3 Migrate Your Data App - Improve Migration Performance

Business Details

This feature can improve performance when migrating large amounts of data using the migration approach *Migrate Data Using Staging Tables* by dividing the data into more packages. This ensures that more jobs can process the migration object in parallel. After running the *Prepare* step, you can now specify a higher number of jobs that can run in parallel to process the migration object. On the *Job Management* screen, you can adjust the number of background jobs for the migration object.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2Q2 (Data Migration to SAP S/4HANA from Staging)
Technical Object Name	App ID: `F3473`
Application Component	`CA-LT-MC` (*SAP S/4HANA Migration Cockpit*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

2.5.4 Migrate Your Data App - Migration Object Status

Business Details

For the migration approach *Migrate Data Directly from SAP System*, the system will update the status of a migration object in the *Migrate Your Data* app when a new version is available. While new versions of migration objects will contain new features or bug fixes, migration objects can also be deprecated or retired. The system will also update the status of such migration objects to inform you that they will be unavailable in future releases.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BH3 (Data Migration to SAP S/4HANA from SAP)
Technical Object Name	App ID: `F3473`
Application Component	`CA-LT-MC` (*SAP S/4HANA Migration Cockpit*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Migration Object Status

2.5.5 Migrate Your Data App – Sequence Information View

Business Details

The *Sequence Information* view can guide you on how to transfer data to the target system to ensure data integrity and consistency. In this view, the system places the migration objects in your project in different groups. You need to analyze the migration objects in *Project-Specific Group* to determine the correct sequence for migrating data according to your business requirements. You can then migrate the data for the migration objects in the other groups.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2Q2 (Data Migration to SAP S/4HANA from Staging) BH3 (Data Migration to SAP S/4HANA from SAP)
Technical Object Name	App ID: `F3473`
Application Component	`CA-LT-MC` (*SAP S/4HANA Migration Cockpit*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

The Migration Project Screen

2.5.6 Migrate Your Data App - View Error and Warning Messages Directly in Template File

Business Details

When the system validates the uploaded XML template file, it updates the uploaded file with an additional sheet that contains all error and warning messages. In this new *Messages* sheet, you can navigate directly from a message to the relevant cell to resolve the issue.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2Q2 (Data Migration to SAP S/4HANA from Staging)
Technical Object Name	App ID: `F3473`
Application Component	`CA-LT-MC` (*SAP S/4HANA Migration Cockpit*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Transferring Data from XML Template Files to Staging Tables

2.5.7 Migrate Your Data App - Create Correction File for Simulation Process

Business Details

You can now create correction files for the simulation process. A correction file contains all the migration object instances in the staging tables that have the status *Error*. You can adjust the correction file to resolve the errors, and then transfer the migration object instances to the staging tables again.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2Q2 (Data Migration to SAP S/4HANA from Staging)
Technical Object Name	App ID: `F3473`
Application Component	`CA-LT-MC` (*SAP S/4HANA Migration Cockpit*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Creating Correction Files

2.5.8 Migrate Your Data App - Specify Application Server or Application Server Group

Business Details

With this feature, you can specify a dedicated application server or application server group for your migration project.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2Q2 (Data Migration to SAP S/4HANA from Staging) BH3 (Data Migration to SAP S/4HANA from SAP)

Technical Object Name	App ID: F3473
Application Component	CA-LT-MC (*SAP S/4HANA Migration Cockpit*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Job Management

2.5.9 Migrate Your Data App – Migration Object Categories for Job Management

Business Details

When adjusting the number of jobs for migration objects, the migration objects are now grouped into categories. This grouping provides a clearer overview of the available options.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2Q2 (Data Migration to SAP S/4HANA from Staging) BH3 (Data Migration to SAP S/4HANA from SAP)
Technical Object Name	App ID: F3473
Application Component	CA-LT-MC (*SAP S/4HANA Migration Cockpit*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Job Management

2.5.10 Migration Object Modeler – Define Split Logic

Business Details

With this feature, you can define a split for a source table to create multiple entries in the target parameter for each source table entry. Note that this feature is only relevant for the migration approach *Migrate Data Directly from SAP System*. For more information about this feature, see the documentation for the Migration Object Modeler in transaction `LTMOM`.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BH3 (Data Migration to SAP S/4HANA from SAP)
Technical Object Name	App ID: `F3473`
Application Component	`CA-LT-MC` (*SAP S/4HANA Migration Cockpit*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

2.5.11 Migration Object Modeler - WHERE Conditions Editor

Business Details

The *WHERE Conditions Editor* is available for the migration approach *Migrate Data Directly from SAP System*. You can use the *WHERE Conditions Editor* to specify additional selection criteria for all fields of a table. You use Open SQL statements to write the WHERE conditions.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BH3 (Data Migration to SAP S/4HANA from SAP)
Technical Object Name	App ID: F3473
Application Component	CA-LT-MC (*SAP S/4HANA Migration Cockpit*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

2.6 Information Lifecycle Management

2.6.1 Cloud Storage Connector

`Cloud Storage Connector (CSC)` enables SAP's cloud storage for data retention, fulfilling ILM-compliant storage system requirements. It optimizes IT infrastructure, reduces costs, and supports the entire data lifecycle — all within the SAP environment.

Business Details

This feature enables you to store the archive files into `SAP HANA Cloud, Data Lake Files (SAP HDLF)`.

You will see a new option to select `SAP HDLF` as a store in the **ILM Policies** application. You can view information related to `Cloud Storage Connector` in `SARA` transaction under *Session Details*.

A new log object (`CSC_LOG`) is available for viewing application logs related to the store process using **CSC**.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Cloud Storage Connector (CSC)`
Application Component	`BC-ILM-IRM-RT`(*IRM Run Time*) `BC-ILM-CSC`(*Cloud Storage Connector*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Cloud Storage Connector

2.7 Data Replication Framework

2.7.1 Monitor Replication App Enhancements

Business Details

With this release, the **Monitor Replication** app now includes a new feature that lets you select replication options when restarting the replication process.

You can choose different modes when restarting failed replication processes, such as parallel processing mode and background mode.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `DRF_FPM_OIF_MONITORING` `(DRF_FPM_OIF_MONITORING_AC)`

Application Component	`CA-MDG-DRF` (*Data Replication Framework*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Monitor Replication

2.7.2 Parallel Processing in Replicate by Replication Model

Business Details

Parallel processing has now been enabled in the **Replicate by Replication Model** app. With parallel processing, large quantity of data gets replicated in parallel mode thereby improving the performance of replication.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `Replicate by Replication Model`
Application Component	`CA-MDG-DRF` (*Data Replication Framework*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Replicate by Replication Model

2.8 Master Data Governance, Consolidation and Mass Processing

2.8.1 New Apps for Consolidation

Business Details

As of this release, there are new features and apps as well as changes for apps related to Consolidation. **Note**: These apps are only available for cloud-ready mode.

You can use modernized business partner apps for the MDG scenarios in Consolidation.

Implementation Details

The following new app versions and deprecated app versions are available:

New App Versions and Deprecated App Versions

New App Version	New App ID	Deprecated App Version	Deprecated App ID
Validate and Standardize Address Data	F3989A	Validate and Standardize Address Data	F3989
Import Master Data - BP Relationships	F6552A	Import Master Data BP Relationships	F6552
Import Master Data - Business Partners	F6553A	Import Master Data Business Partners	F6553A
Manage Consolidation Processes - Business Partners	F6556A	Manage Consolidation Processes Business Partners	F6556
Manage Source Data - BP Relationships	F6561A	Manage Source Data BP Relationships	F6561
Manage Source Data - Business Partners	F6562A	Manage Source Data Business Partners	F6562
Review Match Groups - BP Relationships	F6565A	Review Match Groups - BP Relationships	F6565
Review Match Groups - Business Partners	F6566A	Review Match Groups - Business Partners	F6566
Summary of Changes - BP Relationships	F6567A	Summary of Changes - BP Relationships	F6567

New App Version	New App ID	Deprecated App Version	Deprecated App ID
Track Changes - BP Relationships	F6568A	Track Changes BP Relationships	F6568
Track Changes - Business Partners	F6569A	Track Changes Business Partners	F6569
Summary of Changes - Business Partners	F6570A	Summary of Changes - Business Partners	F6570

Authorizations

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	See the table above
Application Component	`CA-MDG-CMP` (*Consolidation & Mass Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

2.8.2 New Apps for Business Partner Hierarchies

Business Details

With business partner hierarchies, you can centrally create, display, and manage application-independent business partner hierarchies that reflect complex organizational ownership structures. The following central governance apps for business partner hierarchies were added. **Note:** These apps are only available for cloud-ready mode.

Title	Description
Import Master Data – Business Partner Hierarchies	With this app you can upload business partner hierarchy records for consolidation into the source data tables using an Office Open XML or CSV file. This creates a new data package with the uploaded records that you can use to create a consolidation process.
Import Master Data – Business Partner Hierarchy Nodes	With this app you can upload business partner hierarchy node records for consolidation into the source data tables using an Office Open XML or CSV file. This creates a new data package with the uploaded records that you can use to create a consolidation process.
Manage Source Data – Business Partner Hierarchies	With this app you can organize your business partner hierarchy source data for your consolidation process. You can view a list of your source data organized by source system and divided by data package. You can use the app as well to delete your source data.
Manage Source Data – Business Partner Hierarchy Nodes	With this app you can organize your business partner hierarchy node source data for your consolidation process. You can view a list of your source data organized by source system and divided by data package. You can use the app as well to delete your source data.
Manage Consolidation Processes – Business Partner Hierarchies	With this app you can create and manage consolidation processes for business partner hierarchies.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID for Import Master Data – Business Partner Hierarchies: `F7487A` App ID for Import Master Data – Business Partner Hierarchy Nodes: `F7517A` App ID for Manage Source Data – Business Partner Hierarchies: `F7489A` App ID for Manage Source Data – Business Partner Hierarchy Nodes: `F7516A` App ID for Manage Consolidation Processes – Business Partner Hierarchies: `F7488A`
Application Component	`CA-MDG-PF` (*Master Data Governance Platform*)

Availability	SAP S/4HANA 2025
Valid as Of	2025

2.8.3 Extended Data Scope

Business Details

The data scope you can use in consolidation and mass processing has been extended. You can find details on the scope in the relevant data model diagrams. **Note**: This function is only available for cloud-ready mode.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-MDG-CMP` (*Consolidation & Mass Processing*)
Availability	SAP S/4HANA 2025
Valid as Of	2025

2.8.4 Navigation to Manage Business Partners – Central Governance App

Business Details

You can now navigate to the *Manage Business Partners – Central Governance* app from all tabs in the mass edit view. **Note**: This function is only available for cloud-ready mode.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-MDG-CMP` (*Consolidation & Mass Processing*)
Availability	SAP S/4HANA 2025
Valid as Of	2025

2.8.5 Identity and Access Management for Business Partners - Consolidation

Business Details

As of this release, there are new and deprecated Identity and Access Management Business Catalogs for Business Partners - Consolidation. **Note**: This change affects both cloud-ready mode and classic mode.

Implementation Details

Changed Business Catalogs

Business Catalog	Application Component	Business Role Template (Example)	Changes with this release
Master Data Governance - Consolidation for Business Partners (`SAP_CMD_BC_CRMDG_BPCS_CONS`)	`CA-MDG-CMP`	Master Data Specialist - Business Partner Data (`SAP_BR_BUPA_MASTER_SPECIALIST`)	New Business Catalog
Cloud-Ready Mode Consolidation - Business Partners (`SAP_MDM_BC_CRMDG_BUPA_CONS`)	`CA-MDG-CMP`	Not applicable	Deprecated Business Catalog

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	See table in *Implementation Details*.
Application Component	`CA-MDG-CMP` (*Consolidation & Mass Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

2.9 Master Data Governance, Central Governance

2.9.1 New Features for Master Data Governance for Financials

Business Details

We've added new features to Master Data Governance for Financials. **Note:** These features are only available for classic mode.

Extension of Validation with an S/4 Check

With this feature, the introduction of remote function calls to target systems validates changes to the most business-critical attributes of existing and distributed master data before change request activation.

Edition Propagation of Change Request

With this feature, you can propagate the changes done in an edition to the future edition, eliminating the need for repetitive updates across editions.

Joint Venture Accounting Fields

With this feature, you can use joint venture accounting fields as attributes of cost centers, profit centers, G/L accounts, and internal orders. Validation checks and replication are implemented.

HANA Search as the Default Search Method

With this feature, the default search method is HANA Search. The HANA search method allows you to search without concern for case sensitivity.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-MDG-APP-FIN` (*MDG for Financials.*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

2.9.2 New Features for Master Data Governance for Application Framework

Business Details

We have added a new feature to Master Data Governance Application Framework (sometimes referred to as Generic Functions). **Note:** These features are only available for classic mode.

Generative AI for Assisted Changes and Summarize Changes in Custom Objects

With the Summarize Changes feature, you can get an overview of change requests with multiple objects (mass change) in natural language using a large language model to verify the completemess and correctness of master data changes.

With the Assisted Changes feature, you can change master data attributes using natural language with little effort so that applying changes to master data objects is time efficient.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-MDG-AF` (*Application Framework*)

Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Processing of a Change Request

2.9.3 New Features for Master Data Governance for Material

Business Details

We've added new features to Master Data Governance for Material. **Note:** These features are only available for classic mode.

Commodity Code Data

With this feature, the commodity code is integrated into the MDG UI as a separate UIBB. You can assign commodity codes from different numbering schemes to a material. The commodity code assignments can be maintained with different valid from and to intervals.

Copy Function in Material Search

With this feature, you have the option to copy a selected material from the *Search Materials Result List* and choose between three different copying options:

- *Only Basic Data*: Basic data, long texts, and classification are copied.
- *All Data*: Complete data from the template material are copied.
- *By Organizational Levels*: From the dialog box, chose which organizational data you want to copy.

Additionally, if a change request exists for the template material, the changed data from staging will be included in the copied material.

Input Help Values of Characteristics With Check Tables

With this feature, when you use the input value help for characteristic with assigned check table, you are able to search either using the first 15 fields of the check table or DDIC search help if one is assigned to the check table.

Universal Parallel Accounting

Universal parallel accounting (UPA) is supported.

Validation Rules for Classification

Validation rules using base tables for *Class Assignment (MARA_KSSK)* and *Characteristics (MARA_AUSP)* are now also considered during change request processing. Validation rules are defined using the rule management functionality of MDG, data quality management to check data during change request processing.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-MDG-APP-MM` (*MDG Material*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

2.9.4 New Features for Master Data Governance for Business Partner

Business Details

We have added new features to Master Data Governance for Business Partner. **Note:** These features are only available for classic mode.

Change Request Type Determination for Client Maintenance

With this feature, you can use dedicated change request types for client maintenance scenarios. You can choose change request types based on the following.

- Create versus change scenarios
- The actual client system sending the data
- The data to be processed itself.

Data Controller

In the UIBB *Data Controllers*, you can now manually maintain the assignment of one or more data controllers including its *Purpose* to a Business Partner. You can set the *Invalid Assignment* status for existing data controllers. The *Data Controller Not Required* indicator has more impact. The system immediately assigns data controllers when the corresponding organizational units are maintained. Implicit secondary purposes are assigned too. Authorization objects `B_BUP_DCPA` and `B_BUP_DCPD` are considered included in the purpose.

For more information about authorization objects used by Master Data Governance for Business Partner, see Master Data Governance for Business Partner (CA-MDG-APP-BP).

Enhance Reuse Check to Complete BP

With this feature, you can enhance the business validations for existing master data. You can include additional entity types for checking, even if the related data was not changed.

For more information, see SAP Note 2308424

IBAN Converter and Alternative IBAN Display Format

With this feature, the IBAN converter functions consistently for countries that require both an IBAN and a bank key, regardless of the order in which you input them. You can also display the IBAN in four-character blocks for easier readability.

Integration of Refresh Change Request in Master Data Updates

With this feature, you can prevent snapshot issues if existing master data is changed in the backend or by consolidation and mass porcessing. The changes done are integrated into an existing, open change request.

Message Control

In Customizing activity *Change Message Type for Validations* under *MDGIMG* > *Classic Mode in SAP MDG* > *Central Governance* > *Central Governance for Business Partners* > *Validation Settings*, you can redefine the following messages that belong to message class `MDG_BS_ECC_BP_CHECK`. You can define these as an information (*I*) or warning (*W*) message. If you leave the *Online* field blank, the message is suppressed.

- `030`: Role &1 requires company code data
- `032`: Role &1 requires purchasing organization data
- `034`: Purchasing organization data are not allowed for role &1

Relationship Type

The `RELKIND` attribute (`BUT050-RELKIND`) is reflected in the BP data model in entity types `BP_REL` and `TD_BPREL` and UIBBs *Relationships*, *Contact Persons*, *Shareholder Relationships*, and their related *Details* UIBBs.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-MDG-APP-BP` (*MDG Business Partner (Central Parts)*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

2.9.5 New Features for Master Data Governance for Supplier

Business Details

We have added new features to Master Data Governance for Supplier. **Note:** These features are only available for classic mode.

Change Request Type Determination for Client Maintenance

With this feature, you can use dedicated change request types for client maintenance scenarios. You can choose change request types based on the following.

- Create versus change scenarios
- The actual client system sending the data
- The data to be processed itself.

Data Controller

In the UIBB *Data Controllers*, you can now manually maintain the assignment of one or more data controllers including its *Purpose* to a Business Partner. You can set the *Invalid Assignment* status for existing data controllers. The *Data Controller Not Required* indicator has more impact. The system immediately assigns data controllers when the corresponding organizational units are maintained. Implicit secondary purposes are assigned too. Authorization objects `B_BUP_DCPA` and `B_BUP_DCPD` are considered included in the purpse.

For more information about authorization objects used by Master Data Governance for Business Partner, see Master Data Governance for Business Partner (CA-MDG-APP-BP).

Enhance Reuse Check to Complete BP

With this feature, you can enhance the business validations for existing master data. You can include additional entity types for checking, even if the related data was not changed.

For more information, see SAP Note 2308424

Document Assignment for Business Partners

This feature enables you to create, change, or delete document assignments for business partners whether customer, supplier, or both in the new *Documents* UIBB. The assignments are part of the business partner data level, like address or roles. You can maintain assignments that are valid for customer or supplier.

IBAN Converter and Alternative IBAN Display Format

With this feature, the IBAN converter functions consistently for countries that require both an IBAN and a bank key, regardless of the order in which you input them. You can also display the IBAN in four-character blocks for easier readability.

Improvements to UIBB Partner Functions

The input help for the *Partner* field in the partner functions list of the *ERP Vendor Purchasing Organization: Partner Functions* UIBB has additional search criteria. When using the partner function *Contact Person (CP)*, the business partner, customer, and supplier ID are available. You can also define the maximum number of search results.

You can choose the ID in the new *Assigned BP* column to navigate to additional information about that business partner.

Integration of Refresh Change Request in Master Data Updates

With this feature, you can prevent snapshot issues if existing master data is changed in the backend or by consolidation and mass porcessing. The changes done are integrated into an existing, open change request.

Message Control

In Customizing activity *Change Message Type for Validations* under *MDGIMG* > *Classic Mode in SAP MDG* > *Central Governance* > *Central Governance for Business Partners* > *Validation Settings*, you can redefine the following messages that belong to message class `MDG_BS_ECC_BP_CHECK`. You can define these as an information (*I*) or warning (*W*) message. If you leave the *Online* field blank, the message is suppressed.

- `030`: Role &1 requires company code data
- `032`: Role &1 requires purchasing organization data
- `034`: Purchasing organization data are not allowed for role &1

Payment Reasons

With this feature, you can maintain the *Payment Reason* attribute in *Supplier General* and *Company Code* data.

Relationship Type

The `RELKIND` attribute (`BUT050-RELKIND`) is reflected in the BP data model in entity types `BP_REL` and `TD_BPREL` and UIBBs *Relationships*, *Contact Persons*, *Shareholder Relationships*, and their related *Details* UIBBs.

Validity of Purchasing Organizations

When you are creating a new purchasing organization for a supplier, only valid values are shown in the input help. If you manually enter an invalid purchasing organization, you will get an error message indicating that your purchasing organization is invalid.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-MDG-APP-SUP` (*MDG Supplier (Central Parts)*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

2.9.6 New Features for Master Data Governance for Customer

Business Details

We have added new features to Master Data Governance for Customer. **Note:** These features are only available for classic mode.

Change Request Type Determination for Client Maintenance

With this feature, you can use dedicated change request types for client maintenance scenarios. You can choose change request types based on the following.

- Create versus change scenarios
- The actual client system sending the data
- The data to be processed itself.

Data Controller

In the UIBB *Data Controllers*, you can now manually maintain the assignment of one or more data controllers including its *Purpose* to a Business Partner. You can set the *Invalid Assignment* status for existing data controllers. The *Data Controller Not Required* indicator has more impact. The system immediately assigns data controllers when the corresponding organizational units are maintained. Implicit secondary purposes are assigned too. Authorization objects `B_BUP_DCPA` and `B_BUP_DCPD` are considered included in the purpose.

For more information about authorization objects used by Master Data Governance for Business Partner, see Master Data Governance for Business Partner (CA-MDG-APP-BP).

Document Assignment for Business Partner

This feature enables you to create, change, or delete document assignments for business partners whether customer, supplier, or both in the new *Documents* UIBB. The assignments are part of the business partner data level, like address or roles. You can maintain assignments that are valid for customer or supplier.

IBAN Converter and Alternative IBAN Display Format

With this feature, the IBAN converter functions consistently for countries that require both an IBAN and a bank key, regardless of the order in which you input them. You can also display the IBAN in four-character blocks for easier readability.

Improvements to UIBB Partner Functions

The input help for the *Partner* field in the partner functions list of the *ERP Customer Sales Areas: Partner Functions* UIBB has additional search criteria. When using the partner function *Contact Person (CP)*, the business partner, customer, and supplier ID are available. You can also define the maximum number of search results.

You can choose the ID in the new *Assigned BP* column to navigate to additional information about that business partner.

Integration of Refresh Change Request in Master Data Updates

With this feature, you can prevent snapshot issues if existing master data is changed in the backend or by consolidation and mass porcessing. The changes done are integrated into an existing, open change request.

Message Control

In Customizing activity *Change Message Type for Validations* under *MDGIMG* > *Classic Mode in SAP MDG* > *Central Governance* > *Central Governance for Business Partners* > *Validation Settings*, you can redefine the following messages that belong to message class `MDG_BS_ECC_BP_CHECK`. You can define these as an information (*I*) or warning (*W*) message. If you leave the *Online* field blank, the message is suppressed.

- `030`: Role &1 requires company code data
- `032`: Role &1 requires purchasing organization data
- `034`: Purchasing organization data are not allowed for role &1

Payment Reasons

With this feature, you can maintain the *Payment Reason* attribute in *Supplier General* and *Company Code* data.

Relationship Type

The `RELKIND` attribute (`BUT050-RELKIND`) is reflected in the BP data model in entity types `BP_REL` and `TD_BPREL` and UIBBs *Relationships*, *Contact Persons*, *Shareholder Relationships*, and their related *Details* UIBBs.

Validity of Sales Areas

When you are creating a new sales area for a customer, only valid values are shown in the input help. If you manually enter any sales area, the system allows using these values.

Withholding Recipient Type

With this feature, you can maintain the *Withholding Recipient Type* attribute in *Customer Extended Withholding Tax* data.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-MDG-APP-CUS` (*MDG Customer (Central Parts)*.)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

2.9.7 New Apps for Business Partner Hierarchies

Business Details

With business partner hierarchies, you can centrally create, display, and manage application-independent business partner hierarchies that reflect complex organizational ownership structures. The following central governance apps for business partner hierarchies were added. **Note:** These apps are only available for cloud-ready mode.

Title	Description
Manage Business Partner Hierarchies	With this app, you can display, create, and change business partner hierarchies.
Track Changes – Business Partner Hierarchies	With this app, you can display and monitor the changes on field level that were made to a business partner hierarchy based on a consolidation or a central governance process.
Track Changes – Business Partner Hierarchy Nodes	With this app, you can display and monitor the changes on field level that were made to business partner hierarchy nodes based on a consolidation or a central governance process.
Export Master Data – Business Partner Hierarchies	With this app, you can export a selection of business partner hierarchy data to a local file.
Export Master Data – Business Partner Hierarchy Nodes	With this app, you can export a selection of business partner hierarchy node data to a local file.
Manage Governance Processes – Business Partner Hierarchies	With this app, you can display and review single processes for business partner hierarchy data.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID for Manage Business Partner Hierarchies: `F7252A` App ID for Track Changes – Business Partner Hierarchies: `F7254A` App ID for Track Changes – Business Partner Hierarchy Nodes: `F7597A` App ID for Export Master Data – Business Partner Hierarchies: `F7486A` App ID for Export Master Data – Business Partner Hierarchy Nodes: `F7518A` App ID for Manage Governance Processes – Business Partner Hierarchies: `F7253A`
Application Component	`CA-MDG-PF-BPH` (*Business Partner Hierarchy*)
Availability	SAP S/4HANA 2025
Valid as Of	2025

2.9.8 My Governance Processes - Business Partners (New)

Business Details

With this app you can display business partner processes that have been started by you. The system displays the list of processes as well as the number of business partners and business partner relationships. **Note**: This app is only available for cloud-ready mode.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F8140`
Application Component	`CA-MDG-PF` (*Master Data Governance Platform*)
Availability	SAP S/4HANA 2025
Valid as Of	2025

Related Information

My Governance Processes - Business Partners

2.9.9 New Apps for Central Governance

Business Details

As of this release, there are new features and apps as well as changes for apps related to Central Governance.
Note: These apps are only available for cloud-ready mode.

You can use modernized business partner apps for the MDG scenarios in Central Governance.

Implementation Details

The following new app versions and deprecated app versions are available:

New App Versions and Deprecated App Versions

New App Version	New App ID	Deprecated App Version	Deprecated App ID
Mass Edit - BP Relationships	F6563A	Mass Edit BP Relationships	F6563
Mass Edit Business Partners	F6564A	Mass Edit Business Partners	F6564
Manage BP Relationships Central Governance	F6817A	Manage BP Relationships Central Governance	F6817
Manage Business Partners - Governance	F7204A	Manage Business Partners - Governance	F7204
Mass Edit Business Partners - Governance	F7205A	Mass Edit Business Partners - Governance	F7205
Manage Business Partners Central Governance	F6555A	Manage Business Partners Central Governance	F6555
Export Master Data - BP Relationships	F6550A	Export Master Data BP Relationships	F6550
Export Master Data - Business Partners	F6551A	Export Master Data Business Partners	F6551
Manage Governance Processes - BP Relationships	F6557A	Manage Governance Processes - BP Relationships	F6557

New App Version	New App ID	Deprecated App Version	Deprecated App ID
Manage Governance Processes - Business Partners	F6558A	Manage Governance Processes Business Partners	F6558
Manage Inbound Processes - Business Partners	F6559A	Manage Inbound Processes Business Partners	F6559
Configure Document Management Service	F6549A	Configure Document Management Service	F6549

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	not applicable
Technical Object Name	See the table above
Application Component	`CA-MDG-APP-BP` (*MDG Business Partner (Central Parts)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

2.9.10 Display Replication Status (New)

Business Details

With this app, you can display the replication status of active business partners. **Note:** This app is only available for cloud-ready mode.

You call up this app in the *Manage Business Partners - Central Governance* app by choosing the link of an active business partner and then choosing the *Display Replication Status - Business Partners* smart link.

Technical Details

Type	New

Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F7333`
Application Component	`CA-MDG-PF` (*Master Data Governance Platform*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Display Replication Status

2.9.11 Joule Capabilities for Master Data Governance Supported

Business Details

For detailed information on new Joule capabilities in SAP S/4HANA Cloud Private Edition, refer to the What's New for Joule, and filter for SAP S/4HANA Cloud Private Edition. **Note**: This function is only available for cloud-ready mode.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-MDG-CMP-JOULE` (*Joule Content for Consolidation and Mass Processing in MDG*)

Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Joule in SAP S/4HANA Cloud Private Edition
Integrating Joule with SAP S/4HANA Cloud Private Edition
What's New for Joule

2.9.12 Identity and Access Management for Business Partners - Central Governance

Business Details

As of this release, there are new and deprecated Identity and Access Management Business Catalogs for Business Partners - Central Governance. **Note**: This change affects both cloud-ready mode and classic mode.

Implementation Details

Changed Business Catalogs

Business Catalog	Application Component	Business Role Template (Example)	Changes with this release
Master Data Governance - Central Governance for Business Partners (`SAP_CMD_BC_CRMDG_BPCS_GOV`)	`CA-MDG-CMP`	Master Data Specialist - Business Partner Data (`SAP_BR_BUPA_MASTER_SPECIALIST`)	New Business Catalog
Master Data Governance - Central Governance for Business Partner Hierarchies (`SAP_CMD_BC_CRMDG_BPH_GOV`)	`CA-MDG-CMP`	Master Data Specialist - Business Partner Data (`SAP_BR_BUPA_MASTER_SPECIALIST`)	New Business Catalog

Business Catalog	Application Component	Business Role Template (Example)	Changes with this release
Cloud-Ready Mode Central Governance - Business Partner Hierarchies (SAP_MDM_BC_CRMDG_BPH_GOV)	CA-MDG-CMP	Not applicable	Deprecated Business Catalog
Cloud-Ready Mode Central Governance - Business Partners (SAP_MDM_BC_CRMDG_BUPA_GOV)	CA-MDG-CMP	Not applicable	Deprecated Business Catalog
Cloud-Ready Mode Central Governance - Business Partners (Requestor) (SAP_MDM_BC_CRMDG_BUPA_GOVR)	CA-MDG-CMP	Not applicable	Deprecated Business Catalog
Cloud-Ready Mode Configuration - MDG (SAP_MDM_BC_CRMDG_CONF)	CA-MDG-CMP	Not applicable	Deprecated Business Catalog

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	See table in *Implementation Details*.
Application Component	CA-MDG-CMP (*Consolidation & Mass Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

2.9.13 Deprecated and Successor Apps for Process Approval and Visualization

This document provides a list of deprecated and successor apps for Process Approval and Visualization. The successor apps are valid for cloud-ready mode. Deprecated apps may no longer be available on SAP Fiori launchpad. Switch to successor apps as soon as possible.

Business Details

The following apps have been deprecated and succeeded as follows. **Note:** The succesor apps are available for cloud-ready mode.

- *My Inbox -Business Partner Governance* `F7604A` succeeds `F7604`
- *Process Path* `U0072` succeeds `U0056`
- *Process Path Overview* `U0073` succeeds `U0057`

The deprecated apps may no longer be available by default on the SAP Fiori launchpad. In this case, you can find them in the app finder until they are deleted. We recommend that you switch to the successor apps as soon as possible.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F7604A`
	`U0072`
	`U0072`

Application Component	`CA-MDG-CMP` (*Consolidation & Mass Processing*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

2.9.14 Flexible Data Provider Integration

This feature allows for flexible data provider integration, saving time when creating and researching new business partners. It leverages cloud integration capabilities within the SAP Integration Suite and pre-

generated SAP Cloud Integration content is available for the CDQ data provider from the SAP Business Accelerator Hub.

Business Details

With this feature, you can use an external data provider of your choice to search for and populate validated data when creating new business partner records. This saves time when creating and researching new business partners. This function is only available if you have licensed and set up the appropriate external data provider. This feature leverages cloud integration capabilities within the SAP Integration Suite. Pre-generated SAP Cloud Integration content is available for the CDQ data provider from the SAP Business Accelerator Hub. **Note:** This app is only available for cloud-ready mode.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Communication Scenario: `SAP_COM_0A79`
Application Component	`CA-MDG-CL-DPI` (*Master Data Provider Integration (e.g. CDQ)*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

2.10 Master Data Governance, Data Quality Management

2.10.1 Deprecated Master Data Quality Apps

Business Details

A number of master data quality apps have been deprecated and will be deleted from the SAP Fiori launchpad in an upcoming release. **Note:** These apps are available for both cloud-ready mode and classic mode.

The deprecated apps may no longer be available by default on the SAP Fiori launchpad. In this case, you can find them in the app finder until they are deleted. We recommend that you switch to the successor apps as soon as possible.

For more information, see New Master Data Quality Apps [page 64].

Implementation Details

Deprecated Master Data Quality Apps

App Name	App ID
Validation Rules for Business Partners	F4082
Validation Rules for Products	F4083
Export Validation Rules for Business Partners	F4088
Export Validation Rules for Products	F4087
Import Validation Rules for Business Partners	F4089
Import Validation Rules for Products	F4086
Define Derivation Scenarios for Business Partners	F5954
Define Derivation Scenarios for Products	F5522
Export Derivation Scenarios	F6405
Import Derivation Scenarios	F6410
Configure Data Quality Scores for Products	F4091
Configure Data Quality Scores for Business Partner	F4090
Evaluate Data Quality for Business Partner	F6450
Simulate Validation Rule for Business Partner	F6975

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	See the table above
Application Component	CA-MDG-ADQ-RUL (*Validation Rules and Derivation Scenarios*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

2.10.2 New Master Data Quality Apps

Business Details

A number of new master data quality apps are available, which are the successors of the previous apps. **Note:** These apps are available for both cloud-ready mode and classic mode.

The previous apps are deprecated and will be deleted from the SAP Fiori launchpad in an upcoming release. The deprecated apps may no longer be available by default on the SAP Fiori launchpad. In this case, you can find them in the app finder until they are deleted. We recommend that you switch to the successor apps as soon as possible.

For more information, see Deprecated Master Data Quality Apps [page 62].

Implementation Details

New Master Data Quality Apps

App Name	App ID	New Features

Validation Rules for Business Partners	F4082A	• Access the following customizing tables:
		  • T024D (*MRP Controllers*)
		  • T024E (*Purchasing Organizations*)
		  • T001K (*Valuation area*)
		  • T001W (*Plants/Branches*)
		  • TVKO (*Organizational Unit: Sales Organizations*)
		  • TVKBZ (*Org.Unit: Sales Office: Assignment to Organizational Unit*)
		  • TVBVK (*Organizational Unit: Sales Groups per Sales Office*)
		• Copy validation rules
		• Create validation rules that check if a master data governance process has an attachment
		• Delete the validation rules' dependencies to other objects (for example, simulations, dimensions, or data quality evaluation runs) when deleting rules

App Name	App ID	New Features
Validation Rules for Products	F4083A	• Disable several validation rules at once • Filter for enabled usages, disabled usages and usages in general **Note** If you want to continue using validation rules that were created in SAP S/4HANA 1809, you need to migrate them first.
Export Validation Rules	F3929A	Use for business partners and products
Import Validation Rules	F3930A	Use for business partners and products
Define Derivation Scenarios for Business Partners	F5954A	Access the following customizing tables: • TVKO (*Organizational Unit: Sales Organizations*) • TVKBZ (*Org.Unit: Sales Office: Assignment to Organizational Unit*) • TVBVK (*Organizational Unit: Sales Groups per Sales Office*)
Define Derivation Scenarios for Products	F5522A	Access the following customizing tables: • T024D (*MRP Controllers*) • T024E (*Purchasing Organizations*) • T001K (*Valuation area*) • T001W (*Plants/Branches*)
Export Derivation Scenarios	F6405A	Use for business partners and products
Import Derivation Scenarios	F6410A	Use for business partners and products
Configure Data Quality Scores for Products	F4090A	General technology update
Configure Data Quality Scores for Business Partners	F4091A	General technology update
Evaluate Data Quality for Business Partners	F6450A	General technology update
Simulate Validation Rule for Business Partners	F6975A	General technology update

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	See the table above
Application Component	`CA-MDG-ADQ-RUL` (*Validation Rules and Derivation Scenarios*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Working with MDG, Data Quality Management

2.10.3 Evaluate Data Quality for Business Partners – Application Jobs

Business Details

With this feature, you can manage and schedule data quality evaluation jobs for master data. It provides flexibility in creating, copying, and scheduling evaluations, making it a valuable tool for maintaining accurate and reliable business partner data. **Note:** This app is only available for cloud-ready mode.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8130`
Application Component	`CA-MDG-ADQ-EVA` (*Evaluation and Check Results & Simulation*)

Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

2.10.4 Identity and Access Management for Business Partners - Data Quality Management

Business Details

As of this release, there are deprecated Identity and Access Management Business Catalogs for Business Partners - Data Quality Management. **Note**: This change only affects cloud-ready mode.

Implementation Details

Changed Business Catalogs

Business Catalog	Application Component	Business Role Template (Example)	Changes with this release
Master Data Governance - Data Quality Management for Business Partners (`SAP_CMD_BC_CRMDG_BP_QLTY`)	`CA-MDG-ADQ`	Master Data Steward - Business Partner Data (`SAP_BR_BUPA_MASTER_STEWARD`)	New Business Catalog
Cloud-Ready Mode Data Quality Management - Business Partners (`SAP_MDM_BC_CRMDG_BUPA_QLTY`)	`CA-MDG-ADQ`	Not applicable	Deprecated Business Catalog

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	See table in *Implementation Details*.

Application Component	`CA-MDG-ADQ` (*Master Data Quality Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

2.11 Responsibility Management

2.11.1 Removal of Team Member Authorization

Business Details

The functionality of checking authorization of team members is removed. As a result, the *Team Member Authorization Status* column has been removed from the *Manage Teams and Responsibilities* app.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1NJ (Responsibility Management)
Technical Object Name	`Not applicable`
Application Component	`CA-GTF-RM` (*Responsibility Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

2.11.2 Manage Teams and Responsibilities: Export Teams

In the *Manage Teams and Responsibilities* app, you can now export teams along with their relevant details. The team details are exported in JSON format.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1NJ (Responsibility Management)
Technical Object Name	Not applicable
Preparation Required	Yes
Latest Reference Content Version Required	No
Application Component	`CA-GTF-RM` (*Responsibility Management*)
Valid as Of	SAP S/4HANA Cloud Private Edition 2025

Effects on System Administration

This new feature will not be automatically available in the *Manage Teams and Responsibilities* app but requires that you activate the feature **Export Team Details** (RSM_FEATURETOGGLE_EXPORT_TEAMS) in the configuration activity **Activate Features**.

For more information, see Activate Features.

2.12 Situation Handling

2.12.1 Data Context in the Extended Framework for Situation Handling

Business Details

This feature enables you to also use data context in the extended framework for Situation Handling. Data context is business data from business objects involved in a situation instance that can be collected, distributed, and used for advanced analytics. If enabled in a situation type, data context is collected when a situation instance is created, updated, or completed.

Data context helps you analyze your business processes in detail. With the additional insight, you can identify ways to improve them.

You can activate and use data context the following way:

- Every extended object-based situation template supports data context. In the *Manage Situation Types - Extended* app, you can activate *Collect Data Context for Instances* for the situation type to enable data context. It can be activated separately for each situation type. For more details, refer to Situation Instances.
- Every time a situation instance is created, updated, or completed, an event is sent that includes the data context for the situation instance. To extract the collected data context, you can consume these events. For more details, refer to Business Situation Events.

Implementation Details

Effects on Existing Data

In situation types that you've already activated in the *Manage Situation Types - Extended* app before the introduction of this feature, there's no change and they work as before. This means that data context is disabled by default. If you want to also collect data context in existing situation types, you need to edit them and enable data context.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	31N (Situation Handling)
Technical Object Name	App ID: F5437 Events: BUSINESSSITUATIONEVENTS
Application Component	`CA-SIT` (*Situation Handling*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Data Context

2.12.2 New Use Cases for Situation Handling

Business Details

With this feature you can use Situation Handling for additional use cases from these areas in:

- *Finance*
- *Public Sector*
- *Service*
- *Sourcing and Procurement*
- *Supply Chain*

New Situation Templates in SAP S/4HANA Cloud Private Edition

Area or Topic	Situation Template	Situation Template ID	Situation Template Type	Data Context	App Name	SAP Fiori ID	Scope Item
Finance	Situation Template: Balance Threshold Alert for Bank Account	FIN_CLM_BKACCTBAL_THLDEXCEEDED	Standard object-based	No	not applicable	not applicable	J78
Public Sector	Business Critical Errors in Application Jobs for Public Sector Collection and Disbursement	PSCD_MASSACT_MESSAGE_BASED	Extended object-based	Yes	My Situations - Extended	F4537	4RD
Service	Service Contract GTS Blocked/ Pending	SRVC_CTR_GTS_BLOCKED_OR_PENDING	Standard object-based	No	Service Contracts	F3763	426
Service	Situation Template: Stock Inconsistency for Service Object	SRVC_IHRITM_PROD_LOGS_ERROR	Standard object-based	No	Manage In-House Service Objects	F7695	7GB
Service	Situation Template: Inconsistency in Logistics Information for Service Object	SRVC_IHRITM_EQUIP_LOGS_ERROR	Standard object-based	No	Manage In-House Service Objects	F7695	7GB

Area or Topic	Situation Template	Situation Template ID	Situation Template Type	Data Context	App Name	SAP Fiori ID	Scope Item
Supply Chain	Overprotection Alert in Supply Protection	`CA_ATP_SUP_OVERPROTECTION`	Standard object-based	No	Resolve Overprotection	F8513	1JW
Sourcing and Procurement	Low Number of Received Quotations (New Version)	`PROC_SRCGPROJLOWNUMBEROFQTN_2`	Extended object-based	Yes	My Situations - Extended	F4537	4RD
Sourcing and Procurement	Supplier Quotation Created (New Version)	`PROC_SRCGPROJQTNCREATEDNOTIFY_2`	Extended object-based	Yes	My Situations - Extended	F4537	4RD
Sourcing and Procurement	Supplier Quotation Submitted (New Version)	`PROC_SRCGPROJQTN_SUBMITTED_2`	Extended object-based	Yes	My Situations - Extended	F4537	4RD

Technical Details

Type	New
Functional Localization	No localization
Scope Item	31N
Technical Object Name	See the table above.
Application Component	`CA-SIT` *(Situation Handling)*
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Use Cases for Situation Handling

2.12.3 Custom SAP Object Types/SAP Object Node Types in Situation Objects

Business Details

With this feature, you can use custom SAP object types and SAP object node types in situation objects.

Previously, you could only use SAP object types and SAP object node types that have been delivered by SAP. SAP object types and SAP object node types that you created with ABAP development tools for Eclipse (ADT) are now also available in situation objects in the *Manage Situation Objects* app and in ADT.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	31N (Situation Handling)
Technical Object Name	App ID: F5609
Application Component	`CA-SIT` (*Situation Handling*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

2.12.4 Standard Function for Translating Texts from Situation Objects, Situation Scenarios, and Situation Types

Business Details

With this feature, you can use the standard function for translating texts included in situation objects, situation scenarios, and situation types. This means that you now can use the *Maintain Translations* app. For more information about creating translation projects with the *Maintain Translations* app, refer to Translate Texts from Situation Objects, Situation Scenarios, and Situation Types.

For situation objects, this replaces the function for creating additional translations for texts directly in the *Manage Situation Objects* app. This approach provides a consistent method for translating texts.

Implementation Details

Effects on Existing Data

If you've already created translations for situation objects in the *Manage Situation Objects* app, these translations are unchanged and still available. However, they aren't visible anymore in the *Manage Situation Objects* app. If you want to change existing translations or add new ones, use the *Maintain Translations* app.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	31N (Situation Handling)
Technical Object Name	App ID: F5609 F5698 F5437
Application Component	`CA-SIT` (*Situation Handling*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Translate Texts from Situation Objects, Situation Scenarios, and Situation Types

2.13 SAP S/4HANA Output Control

2.13.1 Spool Access Method Q

Business Details

You can use the access method Q in the SAP spool system to print using print queues.

Implementation Details

Implement the correction instruction contained in SAP Note 3420465 for your system and make sure that at least the kernel patch specified in SAP Note 3348799 is installed. For implementation information, refer to the attached file in SAP Note 3420465.

Additionally, make sure to implement the respective support package from SAP Note 3551874.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1LQ (Output Management)
Technical Object Name	Not applicable
Application Component	`CA-GTF-OC` (*SAP S/4HANA output management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

PRINT Channel
SAP Note 3420465
SAP Note 3348799

2.14 Analytics

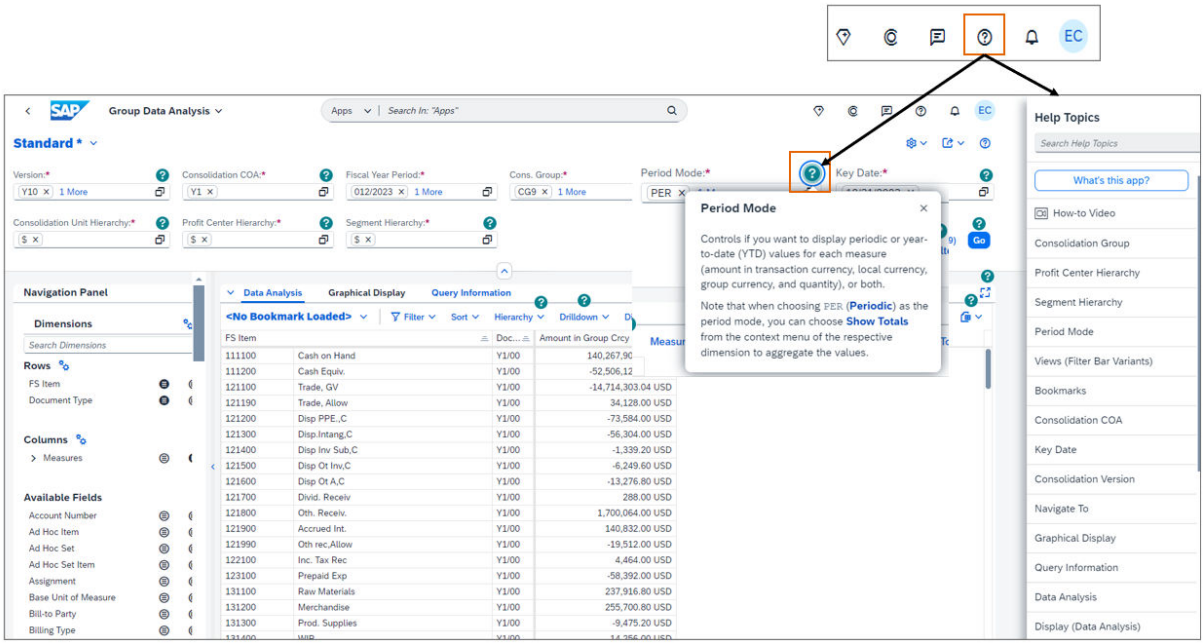
2.14.1 Multidimensional Data Grid Apps

2.14.1.1 Hotspots in In-App Help

Business Details

You can now see for which UI elements in-app help is available.

Choose the question mark in the upper right corner to open the in-app help. The help panel on the right opens, and the little question marks (hotspots) tell you for which UI elements in-app help is available. To display the help, choose the question mark for the UI element you're interested in. Here's what that looks like in the system (screenshot available in English only):



Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	BC-WD-ABA (Web Dynpro ABAP) BI-RA-AD-EA (Embedded Analytics for S/4) BW-RUI-FPM (FPM Analytical GUIBB)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Multidimensional Data Grid Apps

2.14.1.2 Display Options

Business Details

The analytical multidimensional data grid apps have been enhanced to incorporate customer feedback and improve the usability of the apps.

We have added the following features (screenshots available in English only):

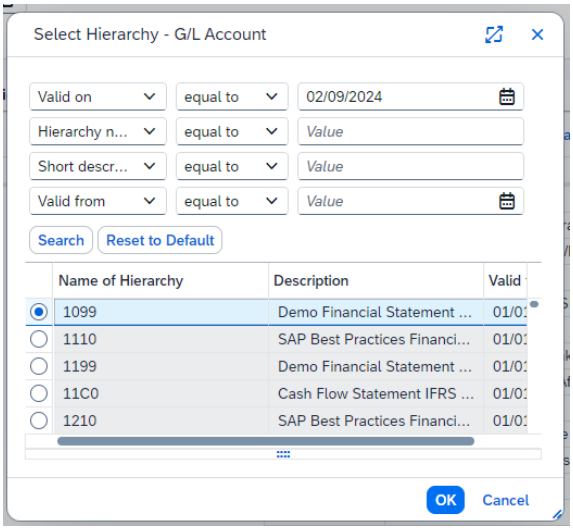
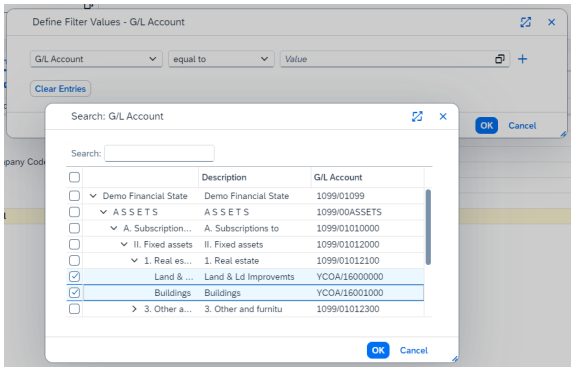
- Multi-selection of hierarchical filter values in the table
- Show all filter values including conditions above the table
- Show decimal places in the tooltips of the graphical display
- Show Non-Compound Key in Multidimensional Data Grid Apps
- Download Whole Hierarchy
- Cell Background Color in Hierarchies
- Non-Compound Key Displayed as Default in Filter Bar

Multi-selection of hierarchical filter values in the table

Previously, you could select multiple filter values only in the filter bar. Now this is also possible in the table. To use this feature, proceed as follows:

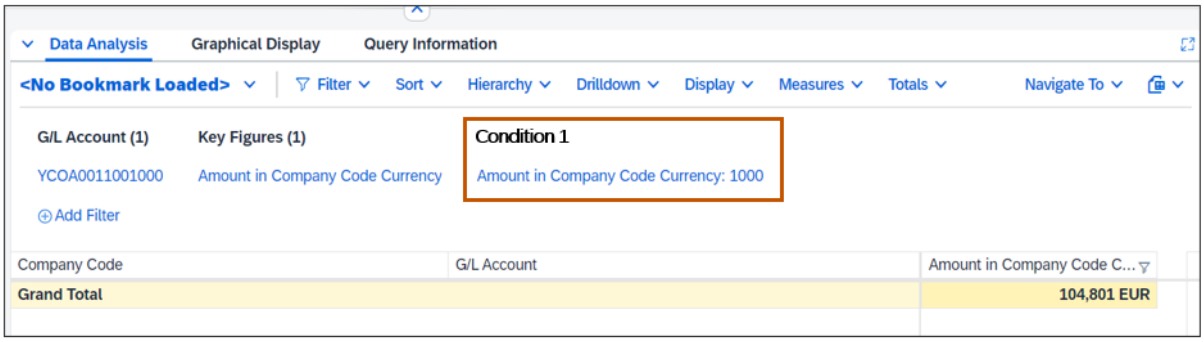
1. In the table, select a dimension for which a hierarchy is available, for example, *G/L Account*.
2. Choose *Hierarchy* > *Select Hierarchy*.
3. In the *Select Hierarchy* dialog, choose *Search*, select a hierarchy, and choose *OK*.
4. In the table, right-click the measure header or one of the entries and choose *Filter* > *Select Filter Value*.
5. In the *Define Values* dialog, you can now select various filter values.

Here's what this looks like in the system:

"Select Hierarchy" Dialog	"Define Values" Dialog
	

Show all filter values including conditions above the table

Above the table, you have so far been able to see the selected filter values. As of this release, this display also includes conditions. Here's what that looks like in the system:

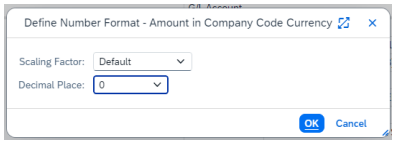
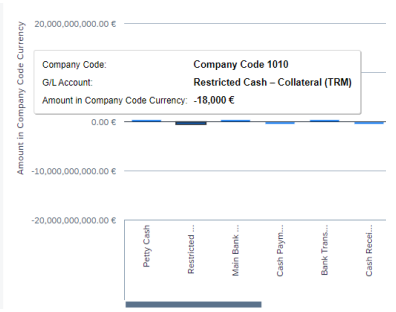


Show decimal places in the tooltips of the graphical display

Previously, the *Decimal Place* setting had no effect on the tooltips in the graphical display. This has now changed - here's how this works:

1. In the table, right-click the header or one of the entries of an amount-based measure, for example, *Amount in Company Code Currency*.
2. Choose *Measures* > *Number Format*.
3. In the *Define Number Format* dialog, change the default *Decimal Place* setting, for example, to **0** and choose *OK*.
   In the table, the amounts are now displayed without decimal places.
4. Go to the *Graphical Display* tab.
   Hover over the amounts to display the tooltips. They are now also shown without decimal places.

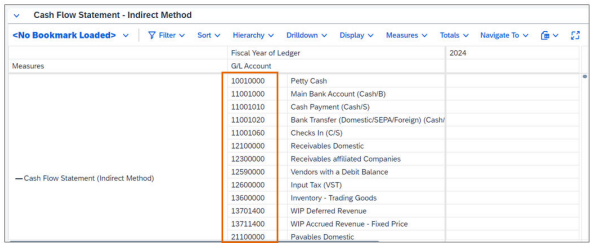
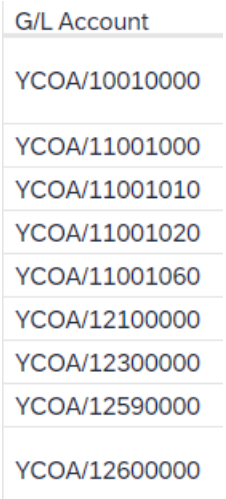
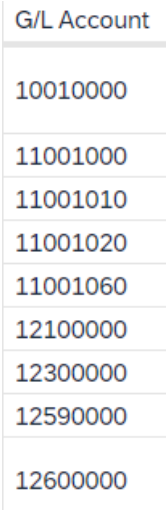
Here's what that looks like in the system:

Dialog	Table	Graphical Display
		

Show Non-Compound Key in Multidimensional Data Grid Apps

Previously, the compound key was shown for hierarchies by default. This default setting has been changed, and as of this release, the non-compound key is shown by default.

Here's what this looks like in the system:

Non-Compound Key in Data Table	Compound Key (Detail)	Non-Compound Key (Detail)
		

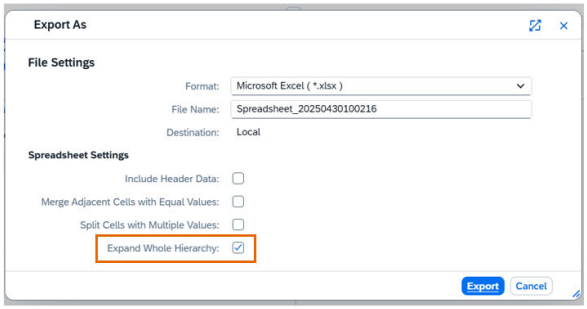
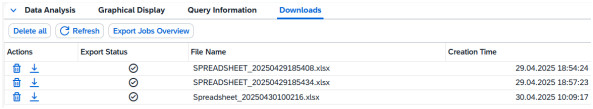
Download Whole Hierarchies

You can now download whole hierarchies.

To use this feature, do the following:

1. In the context menu of the table, choose *Hierarchy* > *Select Hierarchy*.
2. Enter your search criteria, choose *Search*, select a hierarchy, and choose OK.
3. Choose *Export As...*.
4. On the *Export As* dialog, select *Expand Whole Hierarchy* and choose *Export*.
5. Confirm the popup that tells you that the export will be performed in the background.
6. On the *Downloads* tab, download your spreadsheet locally. You can also delete it.

Here's what this looks like in the system (English screenshots only):

Expand Whole Hierarchy	Downloaded Spreadsheets
	

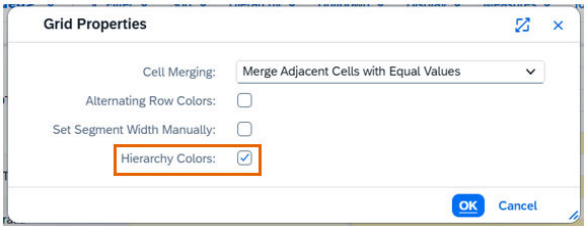
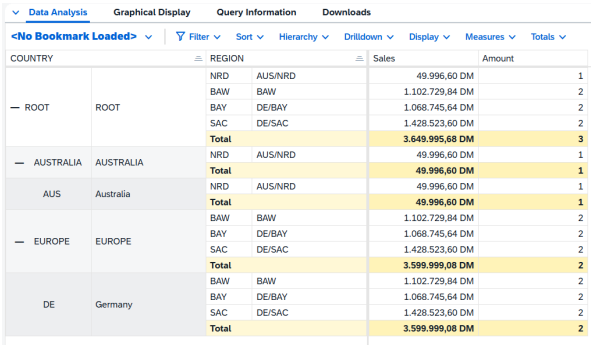
Cell Background Color in Hierarchies

You can increase the readability of hierarchical tables by using different cell colors.

To use this feature, open the context menu in the table and choose *Display* > *Grid Properties* > *Hierarchy Colors*.

Changes to the User Interface

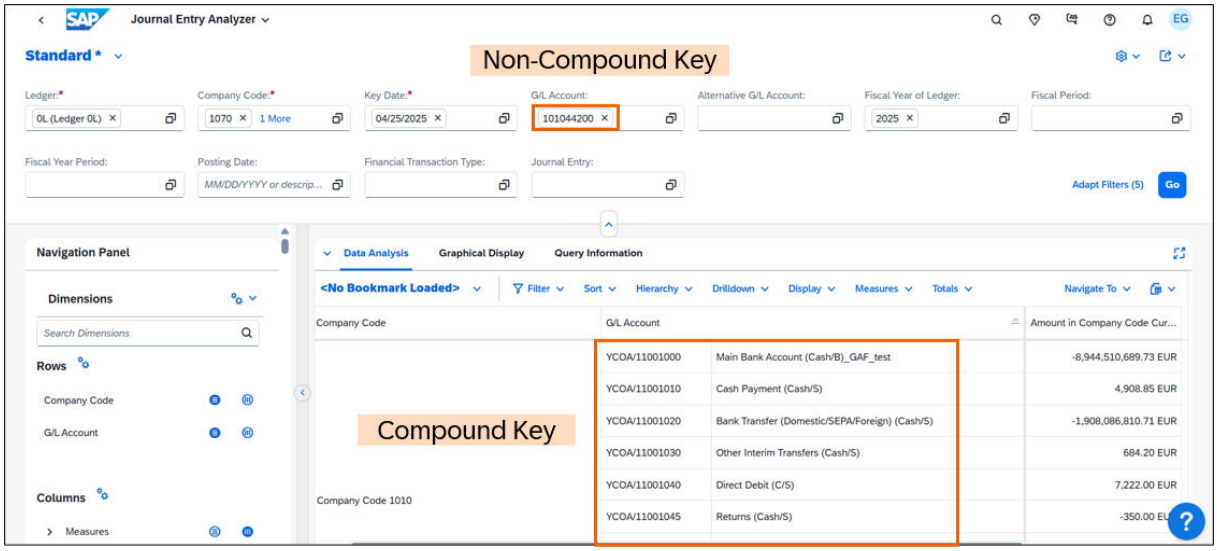
Here's what this looks like in the system:

Hierarchy Colors Checkbox	Resulting Display
	

Non-Compound Key Displayed as Default in Filter Bar

In the table, you can display data with its ID and description in one cell, separated by a slash (compound key), or in two separate cells (non-compound key). The filter bar now defaults to the non-compound key option.

Here's what this looks like in the system:



Implementation Details

Authorizations

For information about authorizations, please see SAP note 3040037.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`BC-WD-ABA` (Web Dynpro ABAP) `BI-RA-AD-EA` (Embedded Analytics for S/4) `BW-RUI-FPM` (FPM Analytical GUIBB)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Multidimensional Data Grid Apps
Display Options on the Data Analysis Tab

2.14.1.3 Export Options

Business Details

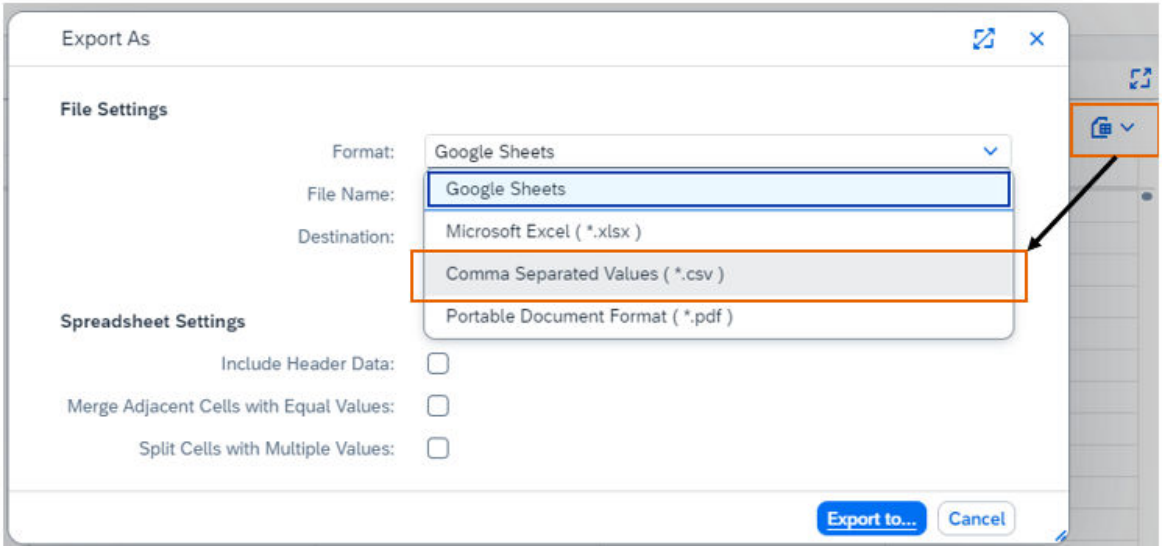
To fulfill customer requirements, the analytical multidimensional data grid apps (formerly known as analytical Web Dynpro apps) have been enhanced. The following changes have been made:

- Export as CSV
- Export data in the background (asynchronous export)
- Download whole hierarchy

Here are more details about how to use the features. Screenshots in English show you where to find the features and what they look like:

- **Export as CSV**: You can export data to a CSV file:
  1. On the right, choose *Export As*.
  2. On the *Export* dialog, under *File Settings*, select the format *Comma-Separated Values (*.csv)*.

  The following screenshot shows the dialog:

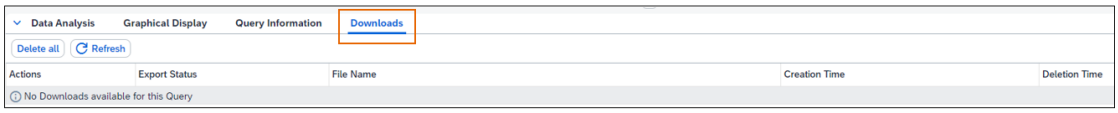


- When you're trying to download a large volume of data (more than 100,000 cells), a popup is displayed. Confirm it to download the data in the background. Here's an example of such a popup:

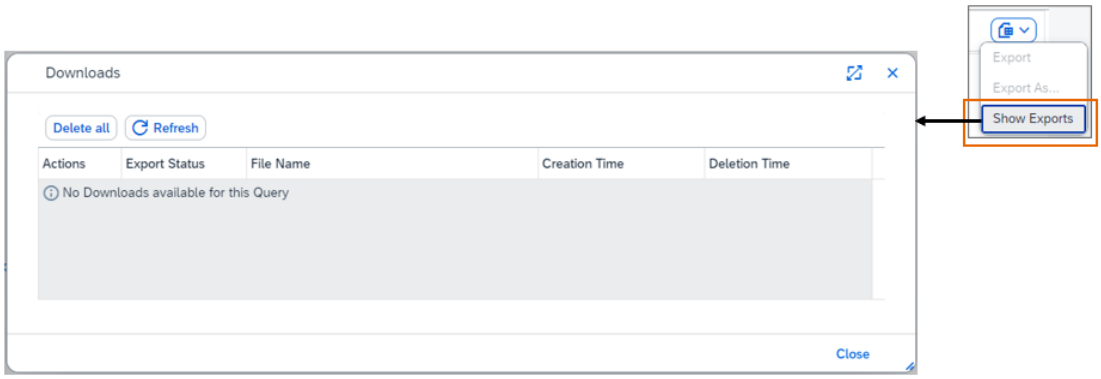


The downloads are available for three days. After that, they're deleted automatically. Depending on the app, there are two ways of accessing the downloads:

- Open the *Downloads* tab in the middle of the screen, next to *Query Information*, which you can see in the following screenshot:

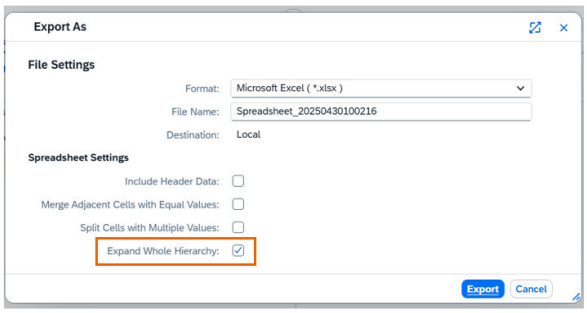
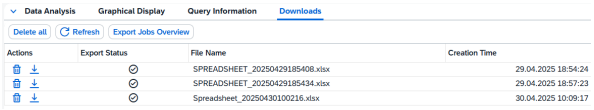


- On the right, choose *Export* > *Show Exports*. The *Downloads* dialog opens, displaying all available downloads. The following screenshot shows the dialog:



- **Download whole hierarchy**; You can now download whole hierarchies. To use this feature, do the following:
  1. In the context menu of the table, choose *Hierarchy* > *Select Hierarchy*.
  2. In the context menu of the table, choose HierarchySelect Hierarchy.
  3. Enter your search criteria, choose Search, select a hierarchy, and choose OK.
  4. On the *Export As* dialog, select *Expand Whole Hierarchy* and choose *Export*.
  5. On the Export As dialog, select Expand Whole Hierarchy and choose Export.
  6. Confirm the popup that tells you that the export will be performed in the background.

Here's what this looks like in the system (English screenshots only):

Expand Whole Hierarchy	Downloaded Spreadsheets
	

Implementation Details

Authorizations

For information about authorizations, please see 3040037.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	BC-WD-ABA (Web Dynpro ABAP) BI-RA-AD-EA (Embedded Analytics for S/4) BW-RUI-FPM (FPM Analytical GUIBB)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

How to Export Data
Multidimensional Data Grid Apps

2.14.1.4 Share Options

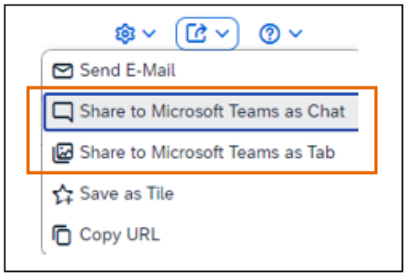
Business Details

To fulfill customer requirements, the analytical multidimensional data grid apps (formerly known as analytical Web Dynpro apps) have been enhanced. The following changes have been made:

- Share with MS Teams
- Share bookmarks with users

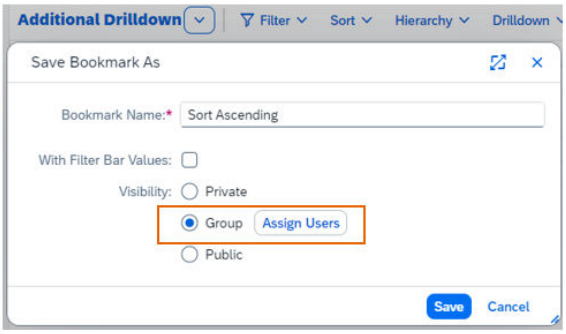
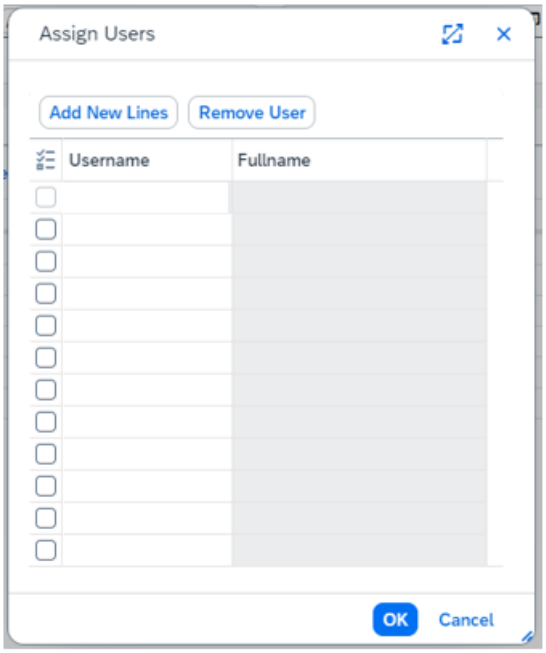
Here are more details about how to use the features. Screenshots in English show you where to find the features and what they look like:

- **Share with Microsoft Teams**: You can share data with others.
  In the upper right corner, choose *Share*. The following options are available: *Share to Microsoft Teams as Chat* and *Share to Microsoft Teams as Tab*. The following screenshot shows the two options:



- **Share bookmarks with users**: You can now share your saved bookmarks with one or more users:
  1. On the *Save Bookmark As* dialog, enter a name and select *Group*. Then choose *Assign Users*.
  2. On the dialog, select one or more users and choose OK.

The following table shows screenshots of the dialogs:

Share Bookmark As	Assign Users
	

Implementation Details

Authorizations

To share bookmarks with other users, you need to have the `S_WDR_ADM` authorization object (activities *6 Share variants* and *7 Share variants to group*) assigned to your user. This authorization object is included in the `SAP_BC_WD_ADAPT_VIEW_SHARING` role. It allows you to share views with all users or a group of users in all multidimensional data grid (Web Dynpro) apps that offer this feature. For more information, see Authorizations for Personalizing and Customizing and 3040037.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable

Application Component	BC-WD-ABA (Web Dynpro ABAP) BI-RA-AD-EA (Embedded Analytics for S/4) BW-RUI-FPM (FPM Analytical GUIBB)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Multidimensional Data Grid Apps
Views and Bookmarks

2.14.1.5 Schedule Background Job to Regularly Export Data

Business Details

You can schedule background jobs to regularly export your data.

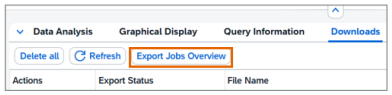
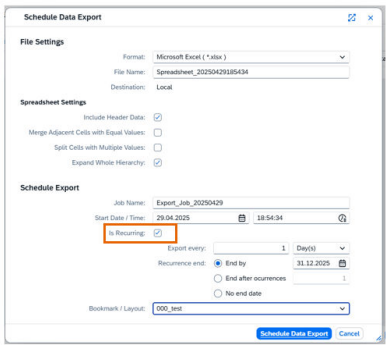
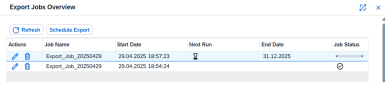
Here's how you do this:

1. Choose *Downloads* > *Export Jobs Overview*.
2. On the *Export Jobs Overview* dialog, choose *Schedule Export*.
3. On the *Schedule Data Export* dialog, select *Is recurring*, select a bookmark/layout, and enter any additional details.
4. Choose *Schedule Data Export*.

On the *Export Jobs Overview* tab, you can check, edit, and delete jobs.

Examples of the User Interface

Here's what this looks like in the system:

Export Jobs Button	Export Jobs Dialog	Export Jobs Overview
		

> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicabble
Technical Object Name	Not applicabble
Application Component	• `BI-RA` (*Reporting, analysis, and dashboards*) • `BC-WD-ABA` (*Web Dynpro ABAP*) • `BW-RUI-FPM` (*FPM Analytical GUIBB*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Multidimensional Data Grid Apps
How to Export Data

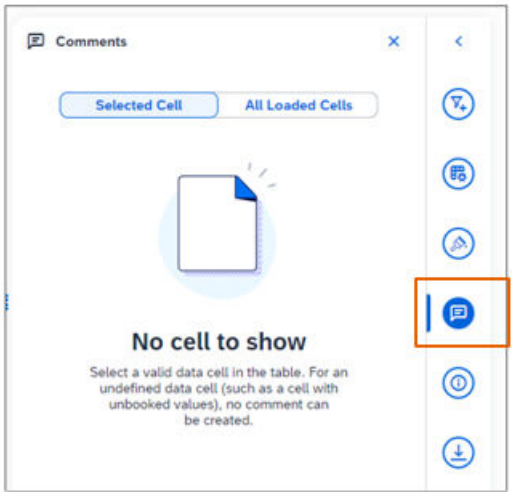
2.14.2 Review Booklets

2.14.2.1 Cell Commenting

Business Details

The *Comments* panel is now generally available in review booklets that are based on cubes and analytical queries with a document store. At the moment, this is the case for the *Group Financial Statements Review Booklet*, for example. In this review booklet, you can create, display, rename, and search for comments for data cells. You can also add tags to comments to be able to filter them and change their status. The different perspectives of the multidimensional cube allow you to see comments for different aggregations and filters.

You can access the *Comments* panel in the side panel by choosing *Comments* ( ). Here's where you find the *Comments* panel in the side panel (English screenshot only):



Here are more details about how to use the commenting features. English screenshots show you where to find the features and what they look like:

- Add and rename comments
- Search for comments
- Display and filter comments
- Add tags to comments
- Delete comments

For more information, see Cell Commenting.

Implementation Details

Authorizations

- To add comments, add tags, and rename them, you need to have the IAM app *My Analytical Cell Comments* (F8232_TRAN) assigned to your user, which is used in the *Analytics - Analytical Cell Comments*

(**SAP_BW_BC_COMMENT_PC**) business catalog. Using the `S_RS_CMT` restriction type, you can restrict access to one or more analytical queries. The IAM app is part of the *SAP_BR_EMPLOYEE* business role template.

- To create, change, **delete**, and display comments, you need to have the IAM app *Manage Analytical Cell Comments* (`F8233_TRAN`) assigned to your user, which is used in the *Analytics - Analytical Cell Comments Management* (`SAP_BW_BC_COMMENT_ADM_PC`) business catalog. Using the `S_RS_CMT` restriction type, you can restrict access to analytical cell comments by document store name. The IAM app is part of the *SAP_BR_ANALYTICS_SPECIALIST* business role template.
- To view comments, users need to be authorized to see the data to which the comments are attached.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F6133` (Group Financial Statements - Review Booklet)
Application Component	`CA-GTF-RB` (*Review Booklet*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Review Booklets
Commenting
Page Commenting

2.14.2.2 Page Commenting

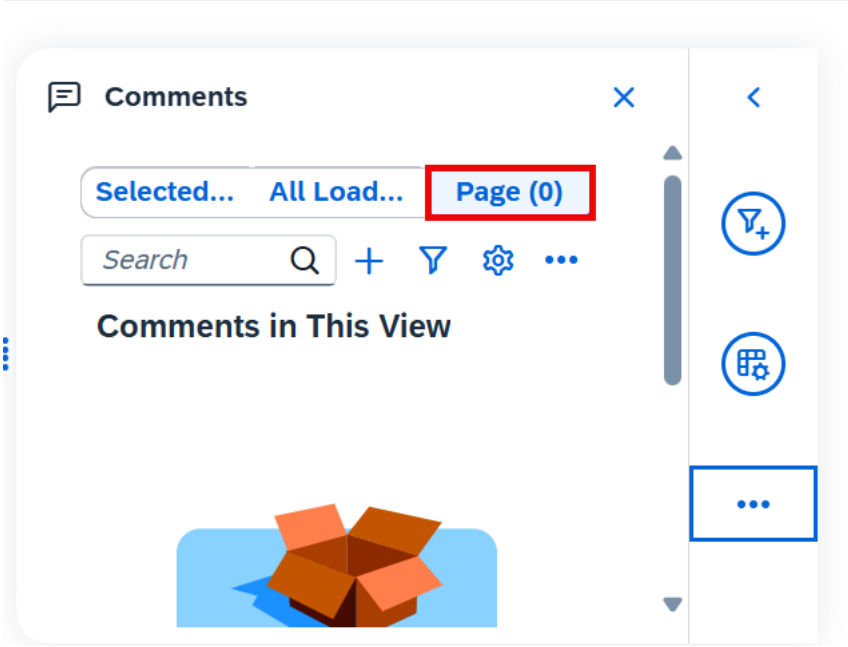
Business Details

Page Commenting allows you to attach comments to specific report pages and to link comments to filters, dimensions, and measures. It enables you to collaborate in real time and track feedback, and it ensures that everyone works with the same data context, even as the views evolve. It empowers you to collaborate seamlessly on data analysis. For more information, see Page Commenting.

Examples of the User Interface

> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

Review Booklets: Page Commenting



Implementation Details

Authorizations

- To add comments, add tags, and rename them, you need to have the IAM app *My Analytical Cell Comments* (`F8232_TRAN`) assigned to your user, which is used in the *Analytics - Analytical Cell Comments* (**SAP_BW_BC_COMMENT_PC**) business catalog. Using the `S_RS_CMT` restriction type, you can restrict access to one or more analytical queries. The IAM app is part of the *SAP_BR_EMPLOYEE* business role template.
- To create, change, **delete**, and display comments, you need to have the IAM app *Manage Analytical Cell Comments* (`F8233_TRAN`) assigned to your user, which is used in the *Analytics - Analytical Cell Comments Management* (`SAP_BW_BC_COMMENT_ADM_PC`) business catalog. Using the `S_RS_CMT` restriction type, you can restrict access to analytical cell comments by document store name. The IAM app is part of the *SAP_BR_ANALYTICS_SPECIALIST* business role template.
- To view comments, users need to be authorized to see the data to which the comments are attached.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F6133` (Group Financial Statements - Review Booklet)
Application Component	`CA-GTF-RB` (*Review Booklet*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Review Booklets
Commenting
Cell Commenting [page 89]

2.14.2.3 Auto-Refresh Switch and Reset Button

Business Details

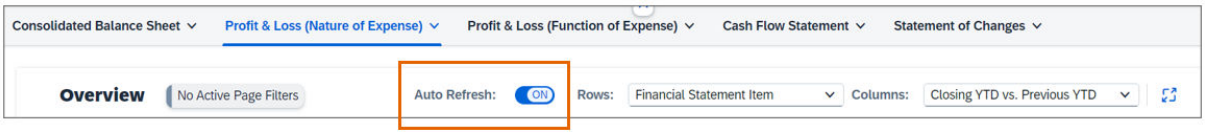
There's both a new *Auto-Refresh* switch and a new *Reset* button available in review booklets:

- You can use the new *Auto-Refresh* switch to turn auto-refresh off and on again.
- You can use the *Reset* button to start an analysis afresh.

Auto-Refresh Switch

Previously, the displayed data was automatically updated with every user action. This was inconvenient when you were making a lot of changes. Now you have the choice to turn auto-refresh off and on again when you're done with your changes.

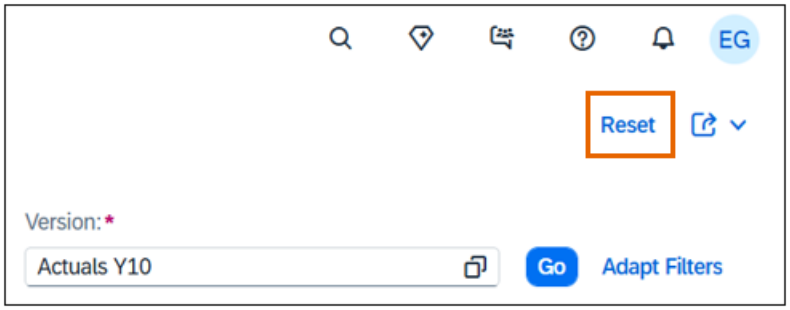
Here's what that looks like in the system (English screenshot only):



Reset Button

When analyzing data in a review booklet, you typically select various filters and drill down into the data. When you want to return to the default layout, stored as the standard view, just choose *Reset*. If you started from a private or publicly shared view, selecting *Reset* will return you to that view.

Here's where to find the button in the app (English screenshot only):



Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F6133` (Group Financial Statements - Review Booklet)
Application Component	`CA-GTF-RB` (Review Booklet)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Review Booklets

2.14.2.4 Enhanced Value Help

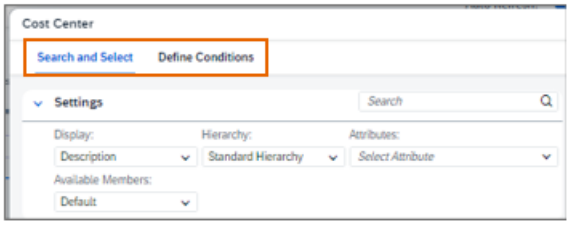
Business Details

On the *Page Filters* panel of review booklets, the value help for dimensions has been enhanced and now provides the following additional features:

- Changed UI texts: renamed tabs
- New *Define Conditions* tab allows include and exclude intervals
- Display description and/or ID (improved token handling)

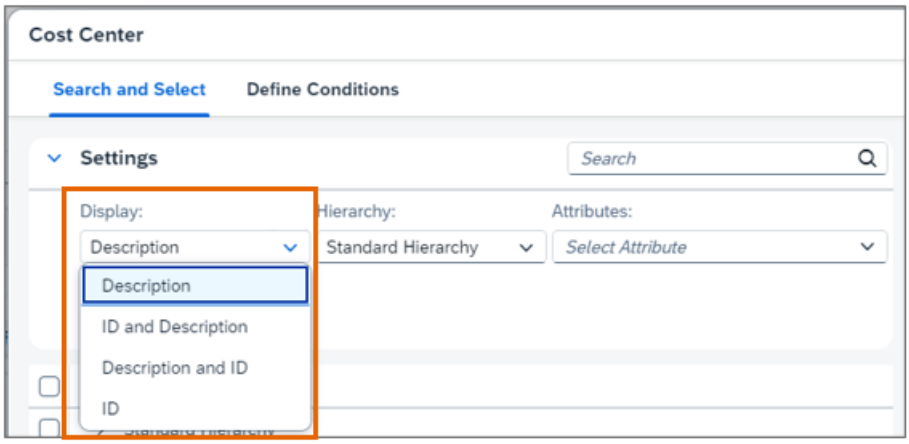
Here are more details and what the new features look like in the system (English screenshots only):

Changed UI texts: In the value help dialog, the tabs have been renamed to *Search and Select* and *Define Conditions*:



Exclude in Define Conditions: On the *Define Conditions* tab, you can now exclude single values, multiple values, and ranges.

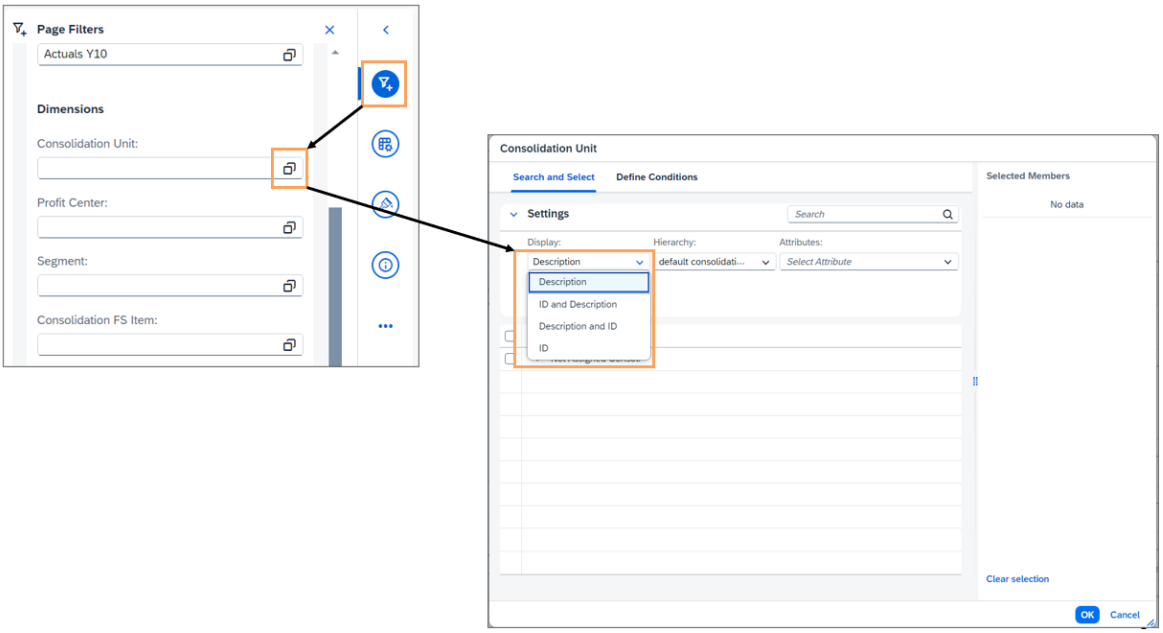
Display description and/or ID (improved token handling): You can now decide to display dimensions with their description or ID or both.



On the *Page Filters* tab of review booklets, you can choose whether you want to display the ID and/or short description of the selected page filter in the filter field and in which order.

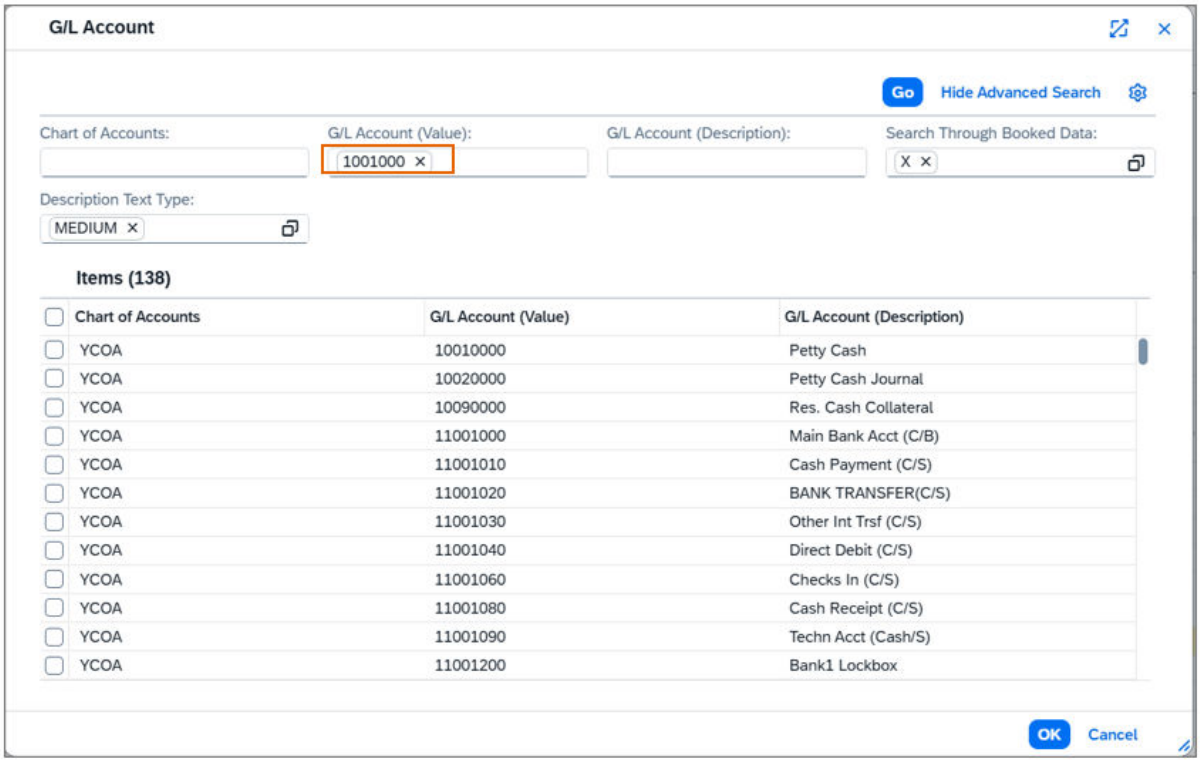
To make the setting, proceed as follows:

1. Open the value help of one of the dimensions.
2. Under *Settings* > *Display*, open the value help and select the required setting.
3. Then choose OK.



You can also right-click in the table, choose *Display* and then the desired option.

When you select a filter, in the value help, the token of the selected element is shown.



Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F6133` (Group Financial Statements - Review Booklet)
Application Component	`CA-GTF-RB` (*Review Booklet*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Review Booklets
Working with Global Filters, Page Filters, and Variables
Analytics Glossary

2.14.2.5 Improved Context Information Panel

Business Details

The *Context Information* panel has been improved. It provides a 360° view of your pages, variables, and filters. At any time, you can get an overview of which global and page filters are currently being used for a given page.

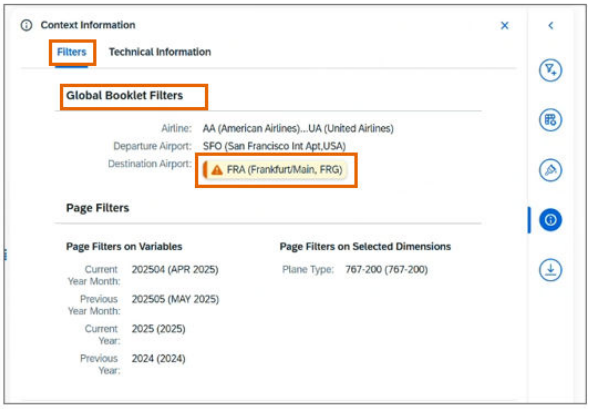
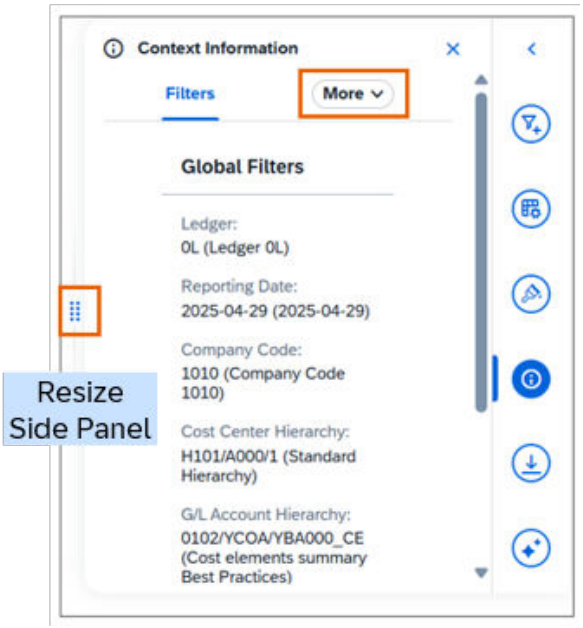
To access the panel, choose  (*Context Information*) on the side panel.

Here's an overview of the improved and new features:

- On the *Filters* panel, in the *Global Booklet Filters* section, you can now see the variables that are applied. In exceptional cases, a variable is not included in the underlying query and not applied to all pages. This is now made visible (see graphic below on the left). For more information, see Working with Global Filters, Page Filters, and Variables.
- You can enlarge the *Context Information* panel using the *Resize Side Panel* option. Choose *More* to toggle between the *Filters* and *Technical Information* panels.

Changes to the User Interface

Here's what this looks like in the system (English screenshots only):

Improved Filters Panel	'Resize Side Panel' and 'More' Button
	

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F6133` (Group Financial Statements - Review Booklet)
Application Component	`CA-GTF-RB` (*Review Booklet*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Review Booklets
Context Information

2.14.2.6 Improved Formatting

Business Details

We've enhanced the table's formatting by incorporating several features. You can access them on the *Formatting* panel of the side panel. Specifically, these features include:

- Templates
- Alternating Rows
- Wrap Text

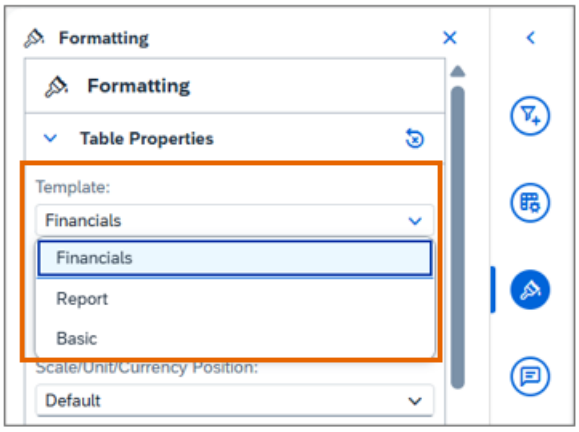
The following screenshots (English only) show you what these features look like in the system.

Changes to the User Interface

Templates

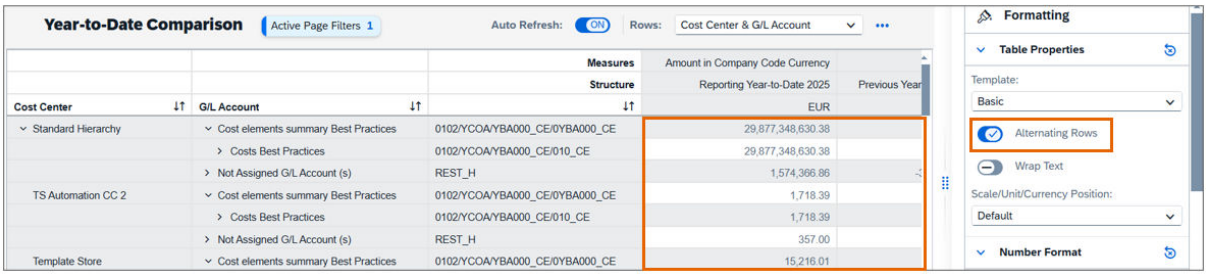
You can choose from various templates. Each one has a different format:

- *Financials* is the default template, which features hierarchical formatting with decoration lines. Actual figures have a black decoration line, while figures from, the previous year have a grey one.
- *Report* is the classical SAP Analytics Cloud template, which also has decoration lines.
- *Basic* doesn't have decoration lines.



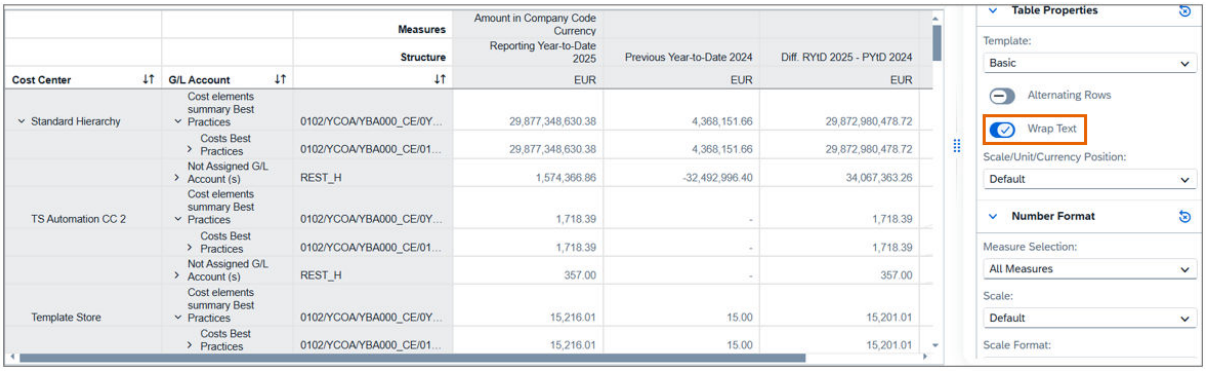
Alternating Rows

Choose the *Alternating Rows* option to enhance table readability. This feature alternates the background color of each row between white and a darker shade.



Wrap Text

Choose the *Wrap Text* option to adjust how the table contents appear.



'Reset' Button

Choose (*Reset*) to revert to the original table settings.



Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F6133` (Group Financial Statements - Review Booklet)
Application Component	`CA-GTF-RB` (Review Booklet)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

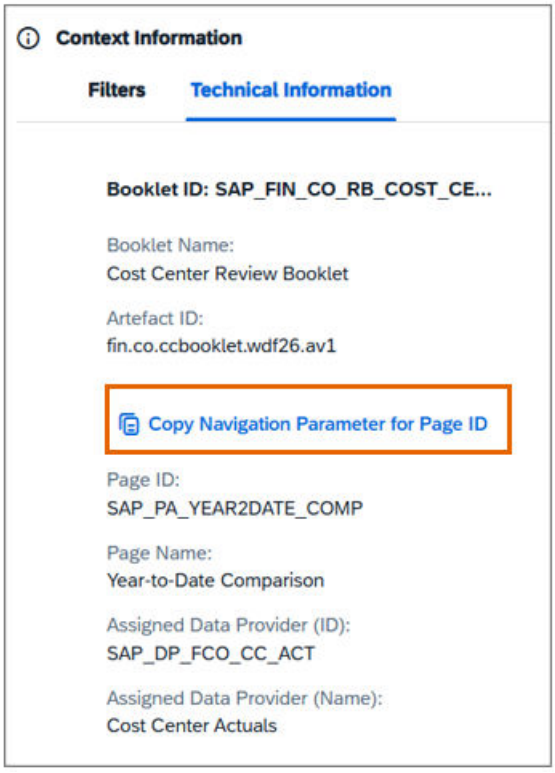
Review Booklets
Formatting

2.14.2.7 Review Booklets as Inbound Navigation Target

Business Details

You can define review booklets as navigation targets in other apps: You can either navigate to the default page or a dedicated page, which you specify in the URL of your review booklet. To do so, you need to specify the review booklet and page ID when you define the semantic object and action as parameters (<semantic object> - <action>?ReviewBookletPage = <PageID>).

To find the page ID in review booklets, choose *Context Information* > *Technical Information*. You can simply choose *Copy Navigation Parameter for Page ID* and add the information to the URL. Here's what this looks like in the system (English screenshot only):



For more information, see Navigation - Based on Intent.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID: `F6133` (Group Financial Statements - Review Booklet)
Application Component	`CA-GTF-RB` (Review Booklet)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Review Booklets
Context Information

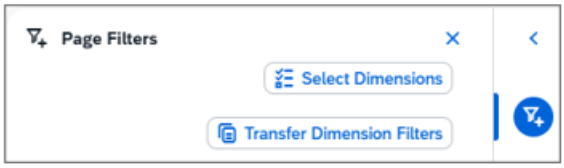
2.14.2.8 "Transfer Dimension Filters" Button

Business Details

On the *Page Filters* tab, a *Transfer Dimension Filters* button has been added. You can use it to apply the dimension filters selected for one page to all relevant pages in one go.

Previously, you had to add the filters manually page by page.

Example: The page filter *Consolidation Unit* is selected on one of the business pages. Choose *Transfer Dimension Filters* to add this page filter to all other business pages that contain that dimension. Here's where you can find the button in the system:



> **Note**
>
> Page variables are not considered by this feature.

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F6133` (Group Financial Statements - Review Booklet)
Application Component	`CA-GTF-RB` (*Review Booklet*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Review Booklets
Working with Global Filters, Page Filters, and Variables

2.14.2.9 Create Review Booklets Using ABAP development tools for Eclipse (ADT)

Business Details

As a customer developer, you can create your own review booklets using the ABAP development tools for Eclipse (ADT) on the ABAP platform.

First, in ADT, you create and edit the review booklet. Next, you configure in the Review Booklet Designer. For more information, see the following pages:

- SAP S/4HANA Cloud Private Edition: Working with Review Booklets
- SAP S/4HANA: Working with Review Booklets

Please watch this how-to video, which will guide you through the process of creating review booklets step by step.

The following multimedia content displays screens and interfaces in English only. It shows sequences based on the UI as delivered standard by SAP and is best viewed in full screen.

> **Note**
>
> Captions are available for **multiple languages**. Use the *CC* (Closed Captions) button in the video player to see which languages are supported.
>
> You can also use the *Search within video* field to search for specific text in the English or German captions.

Implementation Details

The following authorizations are required:

Authorizations

Business catalogs SAP_A4C_BC_DEV_RVB_PC (*Development - Review Booklet App Generation*) and SAP_BCR_A4C_DEV_RVB_PC, which are both included in the business role template SAP_BR_DEVELOPER (*Developer*)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	CA-GTF-RB (Review Booklet)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Review Booklets
Developer Extensibility

2.14.3 Manage KPIs and Reports

Business Details

The *Manage KPIs and Reports* app is enhanced with the following features:

- - You have the option to show or hide mini tiles. Opening a mini tile can open a configured report. Tiles with an arrow icon are not selectable, while those that are selectable will display KPI thresholds.
  - There are a few changes in *Save* and *Save as Variant* when you convert a story from classic to optimized design experience at runtime. The conversion will affect the existing variants when the story is relaunched from the launchpad.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`CA-GTF-SB-S4H-DT` (*SAP Smart Business S4H - DesignTime*) `CA-GTF-SB-S4H-RT` (*SAP Smart Business S4H -Runtime*)
Availability	SAP S/4HANA
Valid as Of	2025

Related Information

Manage KPIs and Reports

2.14.4 View Browser

Business Details

This feature enables you to view the deprecated date and the successor details of the deprecated CDS views using the link or by navigating to the CDS view.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable"
Application Component	`CA-GTF-VDM-VB` (*View Browser*)

Availability	SAP S/4HANA
Valid as Of	2025

Related Information

View Browser

2.15 Classification System

2.15.1 Classification System: Small Enhanements as Part of Continuous Influence Program

Business Details

Improvements in the *Classification System* component are available to you in the context of the SAP Continuous Influence Program for Product Lifecycle Management. These improvements are based on proposals submitted by customers through this program.

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
CA-CL (*Classification*)	Enlarged Characteristic Value Maintenance Screen Improving Usability in `CT04`	SAP_ABA DS4	New	299448	3429021
CA-CL (*Classification*)	Record Changes of Descriptions on Characterisitc and/or Values Level	SAP_ABA DS4	New	299450	3429227

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-CL` (*Classification*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

2.16 Document Management

2.16.1 Document Management: Small Enhancements as Part of SAP Continuous Influence Program

Business Details

Improvements in the *Document Management* component are available to you in the context of the SAP Continuous Influence Program for Product Lifecycle Management. These improvements are based on proposals submitted by customers through this program.

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
CA-DMS (*Document management*)	Enable Phrase Search in `CV04N` for Full Text Search	`S4CORE 109`	New	299485	3341493
CA-DMS (*Document management*)	Enable Refresh Button for Object Links ALV Screen	`S4CORE 109`	New	301788	3453910
CA-FUI-DMS (*Fiori UI for Document management*)	L-Shape in *F2733 Manage Documents* Fiori App	`S4CORE 109`	New	306021	3523226
CA-DMS (*Document management*)	Multiple File Upload Available When Using Simple Create Document Functionality	`S4CORE 109`	New	301787	3517321

These improvements are valid for all countries.

For more information about SAP Continous Influence Program, see https://influence.sap.com.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-DMS` (*Document Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

2.17 Integrated Business Communications

Business Details

- Enable business users to communicate with customers, suppliers, and service partners through personalized, trackable, and scalable messages leveraging business context.
- Provide this communication initially through e-mail, with more channels to follow.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	• `F2352` (*Manage Communication Flows*) • `F2380` (*Contact Profiles*) • `F1937` (*Message Composer*) • `F0906A` (*Recipient Lists*)

Application Component	• `CA-IBC-PRF` (*Profiles and Contacts*) • `CA-IBC-COM` (*Communication*) • `CA-IBC-RCP` (*Recipients*) • `CA-IBC-SEG` (*Segmentation*) • `CA-IBC-MSG` (*Messages*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Integrated Business Communications

2.18 Joule Capabilities Supported

Business Details

For detailed information on new Joule features in SAP S/4HANA Cloud Private Edition, refer to the What's New for Joule, and filter for SAP S/4HANA Cloud Private Edition.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-FLP-EXT-JOU` (*Joule integration with FLP*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Joule in SAP S/4HANA Cloud Private Edition
Integrating Joule with SAP S/4HANA Cloud Private Edition

2.19 Country/Region Specifics

For country/region-specific changes, please see What's New for Functional Localizations in SAP S/4HANA.

2.20 Behavioral Insights: New Events for Late Payments

Business Details

Three additional events are now available for the Late Payment scenario to help you predict potential risks at an early stage so that you have time to take measures, if required:

- Installment Plans
- Write-Offs
- Dispute Case

For each event, reason codes are identified to determine the influence on the risk score. For more information, see Reason Codes for Late Payment.

Implementation Details

To use the new events and reason codes, in Intelligent Scenario Management, activate the new ISLM model `LATE_PAYMENT_V02` within the Late Payment scenario. For further information, see Activating a Prediction Scenario.

Technical Details

Type	New
Functional Localization	Not applicable

Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`IS-PS-BEI` (*Behavioral Insights*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

2.21 Manage Search Models

Business Details

This app is the successor of the *Manage Search Models* app. The *Manage Search Models* app is deprecated and will be deleted from the SAP Fiori launchpad *in an upcoming release*. The deprecated app may no longer be available by default on the SAP Fiori launchpad. In this case, you can find it in the app finder until it is deleted. We recommend that you switch to the successor app as soon as possible.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-GTF-HSB` (*HANA Search for Business Suite*)
Availability	SAP S/4HANA
Valid as Of	2025

2.22 Personalized Search

Business Details

This app is the successor of the *Personalized Search* app. The *Personalized Search* app is deprecated and will be deleted from the SAP Fiori launchpad *in an upcoming release*. The deprecated app may no longer be

available by default on the SAP Fiori launchpad. In this case, you can find it in the app finder until it is deleted. We recommend that you switch to the successor app as soon as possible.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-GTF-HSB` (*HANA Search for Business Suite*)
Availability	SAP S/4HANA
Valid as Of	2025

2.23 Activate Features

Business Details

This feature enables you to view and activate features that are available for early activation.

With this customizing activity, you can:

- View features
- Activate features
- Deactivate reversible features
- Access the documentation for each feature

Implementation Details

You can view a list of features and change their corresponding states in the Customizing under *ABAP Platform* > *Application Server* > *System Administration* > *Activate Features*.

Authorizations

To use this customizing activity, you need the authorization object S_TOGGLE (Feature Toggle State).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	CA (*Cross-Application Components*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Activate Features

3 Asset Management

3.1 Maintenance Management

3.1.1 Renaming of Apps in Maintenance Management

Business Details

Various apps in *Maintenance Management* had duplicate app titles, and were renamed for reasons of consistency and for more clarity. Note that this change had no effect on app functionalities.

Implementation Details

Effects on Existing Data

The following apps have been renamed:

Associated Transaction Code/App ID	Old App Name	New App Name
IP05	*Change Maintenance Item - IP05*	*Change Maintenance Item*
IP15	*Change Maintenance Plans (list)*	*Change Maintenance Plans - List View*
IP16	*Display Maintenance Plans (list)*	*Display Maintenance Plans - List View*
IP17	*Change Maintenance Item - IP17*	*Change Maintenance Items - List View*
IP18	*Display Maintenance Items (list)*	*Display Maintenance Items - List View*
IP40	*Add Service Plan for Purchasing*	*Create Maintenance Plan - Service Procurement*
IP41	*Add single plan*	*Create Maintenance Plan - Single Cycle Plan*
IP42	*Add strategy-controlled plan*	*Create Maintenance Plan - Strategy-Based Plan*
IP43	*Add multiple counter plan*	*Create Maintenance Plan - Multiple Counter Plan*
IQ01	*Create Material Serial Number*	*Create Material Serial Numbers*
IQ02	*Change Material Serial Number*	*Change Material Serial Numbers*
IQ03	*Display Material Serial Number - IQ03*	*Display Material Serial Numbers*
IQ04	*Create Material Serial Number*	*Create Material Serial Numbers - Multiple Serial Numbers*

Associated Transaction Code/App ID	Old App Name	New App Name
IQ08	*Change Material Serial Number*	*Change Material Serial Numbers - List View*
IQ09	*Display Material Serial Number (List) - IQ09*	*Display Material Serial Numbers - List View*
IE01	*Create Equipment*	*Create Equipment - Plant*
IE03	*Display Equipment (IE03)*	*Display Equipment*
IE05	*Change Equipment - Mass Change*	*Change Equipment - List View*
IE08	*Create Equipment*	*Create Equipment - Customer*
IH03	*Equipment Structure - IH03*	*Equipment Structure - Functional Location Hierarchy*
IH04	*Equipment Structure - IH04*	*Equipment Structure - Equipment/ Material BOM*
IH06	*Display Functional Locations (list)*	*Display Functional Locations - List View*
IH07	*Display Reference Location*	*Display Reference Locations - List View*
IH08	*Display Equipment*	*Display Equipment - List View*
IH09	*Display Materials (list)*	*Display Materials - List View*
IL01	*Create Functional Location*	*Create Functional Locations - Plant*
IL05	*Change Functional Location - Mass Change*	*Change Functional Locations - List View*
IL08	*Create Functional Location*	*Create Functional Locations - Customer*
IL12	*Change Reference Location - IL12*	*Change Reference Location*
IL15	*Change Reference Location - IL15*	*Change Reference Locations - List View*

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BLL (Serial Number Management in Logistics) BH1 (Corrective Maintenance) BH2 (Emergency Maintenance) 4HH (Reactive Maintenance) 4HI (Proactive Maintenance) BJ2 (Preventive Maintenance)

Technical Object Name	App ID:
	`IP05`
	`IP15`
	`IP16`
	`IP17`
	`IP18`
	`IP40`
	`IP41`
	`IP42`
	`IP43`
	`IQ01`
	`IQ02`
	`IQ03`
	`IQ04`
	`IQ08`
	`IQ09`
	`IE01`
	`IE03`
	`IE05`
	`IE08`
	`IH03`
	`IH04`
	`IH06`
	`IH07`
	`IH08`
	`IH09`
	`IL01`
	`IL05`
	`IL08`
	`IL12`
	`IL15`

Application Component	`PM` (*Plant Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

3.1.2 CDS Views for Maintenance Management

Business Details

New CDS views have been released for *Maintenance Management*. These CDS views are available for both key user extensibility and developer extensibility.

Name	Description	Application Component
Maintenance Order Cost Determination Status (`I_MaintOrdCostDetnStatus`)	This CDS view provides supported values for the field `MaintOrdCostDetnStatus`. The cost determination status of a maintenance order indicates whether the planned costs and overhead costs of the maintenance order have been calculated and transferred to planning table ACDOCP.	`PM-WOC-MO` (*Maintenance Orders*)
Order Cost Determination Status - Txt (`I_MaintOrdCostDetnStatusText`)	This CDS view is the text view for `I_MaintOrdCostDetnStatus`.	`PM-WOC-MO` (*Maintenance Orders*)
Creation Mode of Maintenance Order (`I_MaintenanceOrderCreationMode`)	This CDS view provides supported values for the field *MaintenanceOrderCreationMode*. The creation mode of a maintenance order indicates how a maintenance order was created.	`PM-WOC-MO` (*Maintenance Orders*)
Creation Mode of Maintenance Order - Txt (`I_MaintOrderCreationModeText`)	This CDS view is the text view for `I_MaintenanceOrderCreationMode`.	`PM-WOC-MO` (*Maintenance Orders*)
Functional Location Data (`I_FunctionalLocationData`)	This CDS view allows you to retrieve the data related to a functional location.	`PM-EQM-FL` (*Functional Locations*)
Functional Location Text (`I_FunctionalLocationText`)	This CDS view is the text view for `I_FunctionalLocation`.	`PM-EQM-FL` (*Functional Locations*)
Functional Location Status (`I_FunctionalLocationStatus`)	This CDS view allows you to retrieve the status of a functional location.	`PM-EQM-FL` (*Functional Locations*)
Functional Location Label (`I_FunctionalLocationLabel`)	This CDS view allows you to retrieve the labels related to a functional location.	`PM-EQM-FL` (*Functional Locations*)

Name	Description	Application Component
Maintenance Partner (`I_PlantMaintenancePartner`)	This CDS view allows you to retrieve maintenance partners.	`PM-EQM-FL` (*Functional Locations*)
Plant Section (`I_PlantSection`)	This CDS view allows you to retrieve plant sections.	`PM-EQM-FL` (*Functional Locations*)
Maintenance Order Inspection Lot (`I_MaintOrderInspectionLot`)	This CDS view retrieves records of inspection lot related to maintenance order.	`PM-WOC-CL` (*Checklist*)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	BH1 (Corrective Maintenance) BJ2 (Preventive Maintenance) 4HH (Reactive Maintenance) 4HI (Proactive Maintenance)

Technical Object Name	CDS View:
	`I_MaintOrdCostDetnStatus`
	`I_MaintOrdCostDetnStatusText`
	`I_MaintenanceOrderCreationMode`
	`I_MaintOrderCreationModeText`
	`I_FunctionalLocationData`
	`I_FunctionalLocationText`
	`I_FunctionalLocationStatus`
	`I_FunctionalLocationLabel`
	`I_PlantMaintenancePartner`
	`I_PlantSection`
	`I_MaintOrderInspectionLot`

Application Component	`PM-EQM-FL` (*Functional Locations*) `PM-WOC-MO` (*Maintenance Orders*) `PM-WOC-CL` (*Checklist*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Maintenance Order Cost Determination Status
Creation Mode of Maintenance Order
Functional Location Status
Functional Location Label
Maintenance Partner
Plant Section
Maintenance Order Inspection Lot

3.1.3 Objects Released for Developer Extensibility in Maintenance Management

Business Details

With the objects released in Maintenance Management, you have a stable interface to access data from SAP S/4HANA when building custom applications or extensions with developer extensibility. You can integrate the released objects in your custom code or extend them at predefined extension points. Depending on your use case, different object types are provided (such as BAdIs, CDS views, business object interfaces). You find all the released objects in the ABAP Development Tools (ADT) when you're connected to SAP S/4HANA.

Additional Details

The following table summarizes the objects that have been added, changed or deprecated for developer extensibility with the current release.

Objects Added, Changed, or Deprecated for Developer Extensibility

Object Type	End-User Name	Technical Name	Type	Details
CDS view	Maintenance Notification - TP	`I_MaintenanceNotificationTP_2`	Deprecated	This CDS view of the business object interface `I_MaintenanceNotificationTP_2` has been deprecated and replaced with the successor view `I_MaintenanceNotificationTP_3`.
CDS view	Maintenance Notification Item - TP	`I_MaintNotificationItemTP_2`	Deprecated	This CDS view of the business object interface `I_MaintNotificationItemTP_2` has been deprecated and replaced with the successor view `I_MaintNotificationItemTP_3`.
CDS view	Maintenance Notif Item Activity - TP	`I_MaintNotifItemActivityTP_2`	Deprecated	This CDS view of the business object interface `I_MaintNotifItemActivityTP_2` has been deprecated and replaced with the successor view `I_MaintNotifItemActivityTP_3`.
CDS view	Maintenance Notification Item Cause - TP	`I_MaintNotifItemCauseTP_2`	Deprecated	This CDS view of the business object interface `I_MaintNotifItemCauseTP_2` has been deprecated and replaced with the successor view `I_MaintNotifItemCauseTP_3`.

Object Type	End-User Name	Technical Name	Type	Details
CDS view	Maintenance Notification Partner - TP	`I_MaintNotificationPartnerTP_2`	Deprecated	This CDS view of the business object interface `I_MaintNotificationPartnerTP_2` has been deprecated and replaced with the successor view `I_MaintNotificationPartnerTP_3`.
CDS view	Maintenance Notification - TP	`I_MaintenanceNotificationTP_3`	New	This view retrieves the details of a mainteance notification.
CDS view	Maintenance Notification Item - TP	`I_MaintNotificationItemTP_3`	New	This view retrieves the details of a mainteance notification item.
CDS view	Maintenance Notif Item Activity - TP	`I_MaintNotifItemActivityTP_3`	New	This view retrieves the details of a mainteance notification item activity.
CDS view	Maintenance Notification Item Cause - TP	`I_MaintNotifItemCauseTP_3`	New	This view retrieves the details of a mainteance notification cause.
CDS view	Maintenance Notification Partner - TP	`I_MaintNotificationPartnerTP_3`	New	This view retrieves the details of a mainteance notification partner.
CDS view	Maintenance Order Cost Determination Status	`I_MaintOrdCostDetnStatus`	New	This CDS view provides supported values for the field MaintOrdCostDetnStatus. The cost determination status of a maintenance order indicates whether the planned costs and overhead costs of the maintenance order have been calculated and transferred to planning table ACDOCP.

Object Type	End-User Name	Technical Name	Type	Details
CDS view	Order Cost Determination Status - Txt	`I_MaintOrdCostDetnStatusText`	New	This CDS view is the text view for `I_MaintOrdCostDetnStatus`.
CDS view	Creation Mode of Maintenance Order	`I_MaintenanceOrderCreationMode`	New	This CDS view provides supported values for the field `MaintenanceOrderCreationMode`. The creation mode of a maintenance order indicates how a maintenance order was created.
CDS view	Creation Mode of Maintenance Order - Txt	`I_MaintOrderCreationModeText`	New	This CDS view is the text view for `I_MaintenanceOrderCreationMode`.
CDS view	Functional Location Data	`I_FunctionalLocationData`	New	This CDS view allows you to retrieve the data related to a functional location.
CDS View	Functional Location Text	`I_FunctionalLocationText`	New	This CDS view is the text view for `I_FunctionalLocation`.
CDS view	Functional Location Status	`I_FunctionalLocationStatus`	New	This CDS view allows you to retrieve the status of a functional location.
CDS view	Functional Location Label	`I_FunctionalLocationLabel`	New	This CDS view allows you to retrieve the labels related to a functional location.
CDS view	Maintenance Partner	`I_PlantMaintenancePartner`	New	This CDS view allows you to retrieve maintenance partners.
CDS view	Plant Section	`I_PlantSection`	New	This CDS view allows you to retrieve plant sections.

Object Type	End-User Name	Technical Name	Type	Details
CDS view	Maintenance Order Inspection Lot	`I_MaintOrderInspectionLot`	New	This CDS view retrieves records of inspection lot related to maintenance order.

Developer extensibility allows you to create development projects in SAP S/4HANA by using ABAP Development Tools for Eclipse. This gives you the opportunity to build extensions, services, and SAP Fiori apps using the complete set of ABAP Cloud features released for SAP S/4HANA, for example, with the ABAP RESTful Application Programming model, http services, and ABAP objects. For more information about the released objects and how to find them, see Released Development Objects.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	BH1 (Corrective Maintenance) BJ2 (Preventive Maintenance) 4HH (Reactive Maintenance) 4HI (Proactive Maintenance)

Technical Object Name	CDS View:
	`I_MaintenanceNotificationTP_3`
	`I_MaintNotificationItemTP_3`
	`I_MaintNotificationItemTP_3`
	`I_MaintNotifItemCauseTP_3`
	`I_MaintNotificationPartnerTP_3`
	`I_MaintenanceNotificationTP_2`
	`I_MaintNotificationItemTP_2`
	`I_MaintNotifItemActivityTP_2`
	`I_MaintNotifItemCauseTP_2`
	`I_MaintNotificationPartnerTP_2`
	`I_MaintOrdCostDetnStatus`
	`I_MaintOrdCostDetnStatusText`
	`I_MaintenanceOrderCreationMode`
	`I_MaintOrderCreationModeText`
	`I_FunctionalLocationData`
	`I_FunctionalLocationText`
	`I_FunctionalLocationStatus`
	`I_FunctionalLocationLabel`
	`I_PlantMaintenancePartner`
	`I_PlantSection`
	`I_MaintOrderInspectionLot`

Application Component	`PM-EQM-FL` (*Functional Locations*) `PM-WOC-MO` (*Maintenance Orders*) `PM-WOC-CL` (*Checklist*) `PM-WOC-MN` (*Maintenance Notification*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

3.1.4 OData API: Equipment

Business Details

With the OData API *Equipment* (`API_EQUIPMENT`), you can now do the following:

- The function import `GetRootFunctionalLocation` allows you to get the topmost functional location in the technical object hierarchy of an equipment using the equipment ID in the payload.
- The function import `GetRootEquipment` allows you to get the topmost equipment in the technical object hierarchy using the using the equipment ID and the validity end date in the payload.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_EQUIPMENT`
Application Component	`PM-EQM-EQ` (*Equipment*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Get Root Functional Location of an Equipment
Get Root Equipment

3.1.5 OData API: Functional Location

Business Details

With the OData API *Functional Location* (`API_FUNCTIONALLOCATION`), you can now use the function import `GetRootFunctionalLocation` to get the topmost functional location in the technical object hierarchy using the function location ID in the payload.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_FUNCTIONALLOCATION`
Application Component	`PM-EQM-EQ` (*Equipment*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Get Root Functional Location

3.1.6 OData API: Material Serial Number

Business Details

With the OData API *Material Serial Number* (`API_MATERIALSERIALNUMBER`), you can now create and update customer warranty and vendor warranty using the following entities:

- *Customer Warranty for Material Serial Number* (`MaterialSerialNumberCustWrnty`): You can use this entity to read, create, and change customer warranties for a material serial number.
- *Vendor Warranty for Material Serial Number* (`MaterialSerialNumberVndrWrnty`): You can use this entity to read, create, and change vendor warranties for a material serial number.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BLL (Serial Number Management in Logistics)

Technical Object Name	API: `API_MATERIALSERIALNUMBER`
Application Component	`PM-EQM-EQ` (*Equipment*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Material Serial Number Customer Warranty
Material Serial Number Vendor Warranty
Read Material Serial Number Customer Warranty
Create Material Serial Number Customer Warranty
Change Material Serial Number Customer Warranty
Read Material Serial Number Vendor Warranty
Create Material Serial Number Vendor Warranty
Change Material Serial Number Vendor Warranty

3.1.7 OData API: Maintenance Notification

Business Details

With the OData API *Maintenance Notification* (`API_MAINTNOTIFICATION`), you can now perform the following operations:

- `ApproveMaintWorkRequest`: Use this function to accept maintenance requests.
- `RejectMaintWorkRequest`: Use this function to reject maintenance requests.
- `SetMaintNotifToInfoRequired`: Use this function to send notifications back to the reporter for corrections.

Technical Details

Type	Changed
Functional Localization	No localization

Scope Item	BH1 (Corrective Maintenance) BH2 (Emergency Maintenance) 4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	API: `API_MAINTNOTIFICATION`
Application Component	`PM-WOC-MN` (*Maintenance Notification*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Accept Maintenance Request
Reject Maintenance Request
Set Maintenance Request to Action Required

3.1.8 OData API: Maintenance Order

Business Details

With the OData API *Maintenance Order (Version 2)* (`API_MAINTENANCEORDER_0002`), you can now revert the maintenance order status *Do Not Execute* using the new function `ResetStatusFromDoNotExecute`.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance) BH1 (Corrective Maintenance) BJ2 (Preventive Maintenance)

Technical Object Name	API: `API_MAINTENANCEORDER_0002`
Application Component	`PM-WOC-MO` (*Maintenance Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Maintenance Order
Revert Order Status: Do Not Execute (Version 2)

3.1.9 BAdI: Check Material Serial Number Before Save

Business Details

With the Business Add-In (BAdI) *Check Material Serial Number Before Save* (`EAM_CHECK_MATLSERNUMBER`), you can check the details of a material serial number. The details can be checked and validated when you create a material serial number using the *Manage Material Serial Numbers* (`F7617`) app or the *Material Serial Number* API.

The BAdI is not called when you create or change a material serial number using the SAP GUI app *Create Material Serial Number* (`IQ01`) or when a material serial number is saved as a draft in the *Manage Material Serial Numbers* app.

In the example implementation, this BAdI validates if the material serial number exists or not. You can use the method `CHECK_SERIAL_NUMBER` to validate material serial numbers based on the standard and custom fields that you may have added through extensibility.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	BLL (Serial Number Management in Logistics)

Technical Object Name	BAdI: `EAM_CHECK_MATLSERNUMBER`
Application Component	`PM-EQM` (*Equipment*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

App Extensibility: Manage Material Serial Numbers

3.1.10 BAdI: Cost Determination Status

Business Details

The new Business Add-In (BAdI) *BAdI: Cost Determination Status* (`EAM_COST_DETERMINATION_STATUS`) allows you to disable the automatic determination of planned costs and overhead costs while saving a maintenance order. Instead, you can determine the relevant costs separately, for example by means of a periodic background job. This can be useful if you are experiencing performance issues while processing maintenance orders with a large number of operations and components.

In your BAdI implementation, you can determine whether the cost determination should only be disabled for overhead costs or for both planned and overhead costs, restrict the maintenance orders for which you want to implement this business logic, and specify whether the cost determination status should be displayed in the maintenance order.

To perform the cost determination for the relevant orders separately on a regular basis, you can schedule the program *Cost Determination for Maintenance Orders* (`ASM_PMORDER_COST_CALCULATION`) as a periodic background job. If needed, you can also manually perform the cost determination for one or more maintenance orders in the order list (SAP GUI transaction IW38) by selecting the relevant maintenance orders and choosing *Order* > *Determine Planned/Overhead Costs* from the menu.

Implementation Details

Customizing

To use this feature, you must create a BAdI implementation in Customizing for *Plant Maintenance and Customer Service* under *System Enhancements and Data Transfer* > *Business Add-Ins* > *BAdI: Cost Determination Status*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance) BH1 (Corrective Maintenance) BJ2 (Preventive Maintenance)
Technical Object Name	BAdI: `EAM_COST_DETERMINATION_STATUS`
Application Component	`PM-WOC-MO` (*Maintenance Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Disabling the Automatic Cost Determination in Maintenance Orders

3.1.11 BAdI: Cross-App Navigation Control for Fiori Applications

Business Details

You can now use the Business Add-In (BAdI) *Cross-App Navigation Control for Fiori Applications* (`EAM_CROSS_APP_NAV_CONTROL`) to display custom cross-app navigation links in the following additional SAP Fiori apps:

- *Screen Maintenance Requests* (`F4072`)
- *Manage Maintenance Orders* (`F5241`)
- *Perform Maintenance Jobs* (`F5104A`)

The custom cross-app navigation allows you to open selected items in other Fiori apps, including apps that are not part of SAP S/4HANA.

When you create an implementation, the additional quick action *Open In* becomes available in the table toolbar of the app. In the *Screen Maintenance Requests* app, the quick action is only available on the *Open Requests* tab

page. Business users can use this quick action to display a dropdown menu with links to the target applications that you have defined in the implementation.

> **Note**
>
> If a target application is not included in the business catalog assignment of a user, the respective link is not visible in the dropdown menu. If a user is not authorized to access any of the target applications defined in the implementation, the quick action is not displayed.

Implementation Details

The BAdI is available for Key User Extensibility in the *Custom Logic* app.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance) BH1 (Corrective Maintenance) BJ2 (Preventive Maintenance)

Technical Object Name	BAdI:
	`EAM_CROSS_APP_NAV_CONTROL`
	App ID:
	`F4072`
	`F5241`
	`F5104A`

Application Component	`PM-FIO-WOC` (*Fiori UI for PM Maintenance Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

3.1.12 BAdI: Check Linear Data Fields

Business Details

The Business Add-In (BAdI) *Check Linear Data* (`EAML_CHECK_LFE_DATA`) has a new importing parameter `IS_OBJECT_TYPES` within the *Enhancements for Checking Linear Data* (`CHECK_LFE_DATA`) method. The new parameter contains details about the object types and category of the corresponding source and reference objects.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: `EAML_CHECK_LFE_DATA`
Application Component	`PM-EQM` (*Equipment*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

3.1.13 Business Scenarios for Maintenance Management

Business Details

With this feature, the following new business scenarios are available for key user extensibility in the *Custom Fields* app:

- *Functional Location to Maintenance Item*
- *Equipment to Maintenance Item*
- *Technical Object to Maintenance Item*
- *Maintenance Item to Notification*
- *Maintenance Item to Order*
- *Technical Object to Maintenance Order*
- *Maintenance Order to Notification*

Business scenarios connect different business contexts so that custom field data can be transferred from one business context to another. When you enable a business scenario for a custom field, an identical field is

automatically created for an additional business context. You can add the field to the corresponding apps and the field data is copied between the relevant business objects. You can enable the following new business scenarios for your custom fields:

Business Scenario	Description	Business Context	Application Component	Scope Item
Functional Location to Maintenance Item	Allows you to transfer custom field data from the functional location to the maintenance item.	• Functional Location (EAMS_FL) • Maintenance Item (EAMS_MPOS)	`PM-PRM-MP` (*Maintenance Plans*) `PM-FIO-PRM-MP` (*Fiori UI for PM Maintenance Plans*)	4HI (Proactive Maintenance) BJ2 (Preventive Maintenance)
Equipment to Maintenance Item	Allows you to transfer custom field data from the equipment to the maintenance item.	• Equipment (EAMS_EQUI) • Maintenance Item (EAMS_MPOS)	`PM-PRM-MP` (*Maintenance Plans*) `PM-FIO-PRM-MP` (*Fiori UI for PM Maintenance Plans*)	4HI (Proactive Maintenance) BJ2 (Preventive Maintenance)
Technical Object to Maintenance Item	Allows you to transfer custom field data from the functional location or equipment to the maintenance item.	• Equipment (EAMS_EQUI) • Functional Location (EAMS_FL) • Maintenance Item (EAMS_MPOS)	`PM-PRM-MP` (*Maintenance Plans*) `PM-FIO-PRM-MP` (*Fiori UI for PM Maintenance Plans*)	4HI (Proactive Maintenance) BJ2 (Preventive Maintenance)
Maintenance Item to Notification	Allows you to transfer custom field data from the maintenance item to the maintenance notification (call object).	• Maintenance Item (EAMS_MPOS) • Maintenance Notification (EAMS_NTF)	`PM-PRM-MP` (*Maintenance Plans*) `PM-FIO-PRM-MP` (*Fiori UI for PM Maintenance Plans*)	4HI (Proactive Maintenance) BJ2 (Preventive Maintenance)
Maintenance Item to Order	Allows you to transfer custom field data from the maintenance item to the maintenance order (call object).	• Maintenance Item (EAMS_MPOS) • Asset Management: Maintenance Order (EAMS_ORD)	`PM-PRM-MP` (*Maintenance Plans*) `PM-FIO-PRM-MP` (*Fiori UI for PM Maintenance Plans*)	4HI (Proactive Maintenance) BJ2 (Preventive Maintenance)
Technical Object to Maintenance Order	Allows you to transfer custom field data from the functional location or equipment to the maintenance order.	• Equipment (EAMS_EQUI) • Functional Location (EAMS_FL) • Asset Management: Maintenance Order (EAMS_ORD)	`PM-WOC-MO` (*Maintenance Orders*) `PM-FIO-WOC-MO` (*Fiori UI for PM Maintenance Orders*)	4HH (Reactive Maintenance) BH1 (Corrective Maintenance)

Business Scenario	Description	Business Context	Application Component	Scope Item
Maintenance Order to Notification	Allows you to transfer custom field data from the maintenance order to the maintenance notification.	• Asset Management: Maintenance Order (EAMS_ORD) • Maintenance Notification (EAMS_NTF)	`PM-WOC-MN` (*Maintenance Notifications*)	4HH (Reactive Maintenance) BH1 (Corrective Maintenance)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	BH1 (Corrective Maintenance) BJ2 (Preventive Maintenance) 4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	Not applicable
Application Component	`PM-PRM-MP` (*Maintenance Plans*) `PM-FIO-PRM-MP` (*Fiori UI for PM Maintenance Plans*) `PM-WOC-MN` (*Maintenance Notifications*) `PM-WOC-MO` (*Maintenance Orders*) `PM-FIO-WOC-MO` (*Fiori UI for PM Maintenance Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

App Extensibility: Manage Maintenance Items App (Key User)
App Extensibility: Manage Maintenance Plans App (Key User)
App Extensibility: Manage Maintenance Orders (Key User)
App Extensibility: Create Maintenance Plan (Key User)
App Extensibility: Change Maintenance Plan (Key User)
App Extensibility: Display Maintenance Plan (Key User)

App Extensibility: Display Maintenance Item (Key User)

3.1.14 Key User Extensibility for Material Serial Number API

Business Details

As a key user, you can extend the OData API *Material Serial Number* (`API_MATERIALSERIALNUMBER`) according to your business needs.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	BLL (Serial Number Management in Logistics)
Technical Object Name	API: `API_MATERIALSERIALNUMBER`
Application Component	`PM-EQM-EQ` (*Equipment*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

API Extensibility: Material Serial Number (Key User Extensibility)
Material Serial Number

3.1.15 Key User Extensibility for Manage Material Serial Numbers App

Business Details

As a key user, you can now validate the details of a material serial number for the business context *Material Serial Number* (`EAMS_SEQ`) using key user adaptation. With the Business Add-In (BAdI) *Check Material Serial Number Before Save* (`EAM_CHECK_MATLSERNUMBER`), you can check the details of a material serial number.

The details can be checked and validated when you create a material serial number using the *Manage Material Serial Numbers* app (F7617).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	BLL (Serial Number Management in Logistics)
Technical Object Name	BAdI: EAM_CHECK_MATLSERNUMBER
Application Component	PM-EQM-EQ (*Equipment*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

App Extensibility: Manage Material Serial Numbers

3.1.16 Key User Extensibility for Manage Maintenance Orders App

Business Details

As a key user, you can now enhance order operations in the *Manage Maintenance Orders* app (F5241) with custom fields that you have created for the business context *Asset Management: Maintenance Order Operation* (EAMS_AFVC) using key user adaptation. You can also use the Business Add-In (BAdI) *Cross-App Navigation Control for Fiori Applications* EAM_CROSS_APP_NAV_CONTROL) that is available in the *Custom Logic* app to display custom cross-app navigation links.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance) BH1 (Corrective Maintenance) BJ2 (Preventive Maintenance)
Technical Object Name	App ID: `F5241`
Application Component	`PM-FIO-WOC-MO` (*Fiori UI for PM Maintenance Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

App Extensibility: Manage Maintenance Orders (Key User)
BAdI: Cross-App Navigation Control for Fiori Applications [page 130]

3.1.17 Key User Extensibility for Manage Maintenance Planning Buckets (New Version) App

Business Details

As a key user, you can now create custom fields for maintenance planning buckets using the business context *Maintenance Planning Bucket* (`EAMS_MAINT_PLNG_BCKT`). You can add these fields to the *Manage Maintenance Planning Buckets (New Version)* app (`F3888A`) using key user adaptation. You can also add custom fields to the OData API *Maintenance Planning Bucket*.

> **Note**
>
> This feature is available as of:
>
> - SAP S/4HANA Cloud Private Edition 2025 and SAP S/4HANA 2025
> - SAP S/4HANA Cloud Private Edition 2023 SP04 and SAP S/4HANA 2023 SP04

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance)

Technical Object Name	App ID:
	`F3888A`
	API:
	`API_MAINTENANCEPLANNINGBUCKET`

Application Component	`PM-FIO-WOC` (*Fiori UI for PM Maintenance Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

App Extensibility: Manage Maintenance Planning Buckets (Key User)
Extensibility for Maintenance Planning Bucket API

3.1.18 Manage Material Serial Numbers App

Business Details

With the *Manage Material Serial Numbers* app (`F7617`), you can create one or more material serial numbers, activate the equipment view, view details of a material serial number, and manage material serial numbers.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	BLL (Serial Number Management in Logistics)
Technical Object Name	App ID: `F7617`
Application Component	`PM-EQM-EQ` (*Equipment*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Material Serial Numbers

3.1.19 Harmonized Documents in Maintenance Request Apps

Business Details

With the Harmonized Document Management (HDM) functionality, you can now harmonize the process of handling attachments across different document management frameworks such as Document Management System (DMS), Generic Object Services (GOS), or ArchiveLink according to your business requirements.

The HDM functionality is available in the apps *Create Maintenance Request* (`F1511A`), *Screen Maintenance Requests* (`F4072`) and *My Maintenance Requests* (`F4513`) apps. In the *Find Maintenance Notification* (`F2071`) app, you can only view the attachments.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance)

Technical Object Name	App:
	`F1511A`
	`F4072`
	`F4513`
	`F2071`

Application Component	`PM-WOC-MN` (*Maintenance Notifications*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Harmonized Document Management (HDM)
Create Maintenance Request
My Maintenance Requests
Screen Maintenance Requests

3.1.20 Enhancements for Manage Maintenance Orders App

Business Details

New features are available in the *Manage Maintenance Orders* app (`F5241`). For example, you can now display the document flow of a maintenance order, create a new task list, reassign components and services to a different operation, change scheduling-relevant fields of several selected maintenance orders, or cancel the system status *Do Not Execute*. In addition, new extensibility options are available for this app.

The following features are now available in the *Manage Maintenance Orders* app:

- You can display the document flow of the maintenance order by selecting *Functions* > *Open Document Flow* in the header area of the order detail page. The document flow is displayed in the *Display Document Flow* application (`IW12`).
- You can create a new task list from a maintenance order using the new *Create Task List* button on the *Operations and Resources* tab. You can choose which operations and suboperations you want to include in the task list, specify the task list type and header details, and indicate if you want to additionally copy components, lean services, and any document attachments.
- You can reassign components and lean services from one operation to another operation.
- You can cancel the system status *Do Not Execute (NCMP)* using the *Change Status* button in the list view or on the detail page of a maintenance order.
- The new *Change Scheduling* button in the list view allows you to change scheduling-related details such as the priority or the basic start and finish of one or more selected orders. This includes the possibility to manage the assignment of the orders to a maintenance event or a revision.

- A new chart in the header section of the operation detail page supports you in monitoring the effort required to complete individual order operations by comparing the planned work with the actual work. The color of the bar shows at a glance whether the actual work is currently equal to, lower than, or higher than the planned work.
- You can view the original final due date in the maintenance order. For more information, see Original Final Due Date [page 158].
- You can increase or decrease the size of the tables on the detail pages for the order, operations, and resources according to your needs and thereby change the number of displayed table rows, for example when you plan orders with a large number of operations or components.
- Field values, such as scheduling or purchasing details, are now determined immediately when you press **`Enter`** after entering the relevant information in the order. Previously, the relevant entries could only be determined while saving the maintenance order.
- Additional extensibility options are available for key users. For more information, see Key User Extensibility for Manage Maintenance Orders App [page 136].

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance) BH1 (Corrective Maintenance) BJ2 (Preventive Maintenance)
Technical Object Name	App ID: `F5241`
Application Component	`PM-FIO-WOC-MO` (*Fiori UI for PM Maintenance Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Maintenance Orders

3.1.21 Enhancements for Perform Maintenance Jobs App

Business Details

New features and Customizing settings are available in the *Perform Maintenance Jobs* app (F5104A).

The following new features are available:

- New settings are available in Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Completion Confirmations* > *Define Control Parameters for Perform Maintenance Jobs*. With these settings, you can do the following:
  - Allow technicians to change the storage location for planned components when posting goods issues and posting goods returns and change the plant with an already editable storage location for unplanned components when posting goods issues.
  - With the cooperation feature enabled for the planning plant and the order type, the technician will be able to record the time for other employees only through the QR code scanning process. For more information, see Recording Cooperation With Other Technicians [page 144].
- The Customizing activity *Define Control Parameters for Perform Maintenance Jobs* has been enhanced with a new view where you make settings based on the planning plant. The old view, where the settings were made based on the operation work center plant has been deprecated. For more information, see New Customizing Activity for Perform Maintenance Jobs App [page 148].
- You can now view jobs for you and your team using the calendar view. Previously, only list view was available.
- You can now view additional information such as long text and assigned documents of the failure mode and failure effect in the *Malfunction Data* section on the detail page of a job. This option is also available on the list page.
- A new *Scan Barcode* button is available in the *Unplanned Components* section under the *Components and Services* tab in the *Perform Maintenance Jobs* app. The *Scan Barcode* button is available in the tool bar and in the *Post Goods Issue* dialog. It allows you to quickly scan material barcodes, validate the material availability, and populate the material information in the *Post Goods Issue* dialog.
- You can now view the work permits assigned to the order and operation of a maintenance job in the *Perform Maintenance Jobs* app. For more information, see Integration of Work Permits in Perform Maintenance Jobs App [page 143].
- The enhanced time recording dialog now enables users to include additional details for other technicians when posting time confirmations.
- With the verification feature enabled, a maintenance technician can post a final confirmation only if the job has been checked and verified by another person. For more information, see Verification of Maintenance Jobs [page 146].

Technical Details

Type	Changed
Functional Localization	No localization

Scope Item	BH1 (Corrective Maintenance) BJ2 (Preventive Maintenance) 4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	App ID: `F5104A`
Application Component	`PM-FIO` (*Fiori UI for Plant Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Perform Maintenance Jobs

3.1.22 Integration of Work Permits in Perform Maintenance Jobs App

Business Details

You can now view the work permits assigned to the order and operation of a maintenance job in the *Perform Maintenance Jobs* app (F5104A). The *Work Permits* tab is available only if the job has assigned work permits.

You can filter the jobs that are relevant to work permit using the two new filters *Has Work Permit* and *Work Permit Relevance*, which are added to the *Adapt Filters* section.

In the job detail page under *Work Permits* tab, you can see the details of each work permit like work permit type, associated technical object, and attachments of the work permit. Colored icons indicate at a glance whether the work permit and any assigned safety certificates have been approved, whether mandatory safety precautions have been implemented, and whether the work permit has been handed out to the technician.

For information about other new features in this app, see Enhancements for Perform Maintenance Jobs App [page 142].

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BH1 (Corrective Maintenance) BJ2 (Preventive Maintenance) 4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	App ID: `F5104A`
Application Component	`PM-FIO` (*Fiori UI for Plant Maintenance*) `PM-FIO-WCM` (*Fiori UI for PM Work Clearance Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Perform Maintenance Jobs

3.1.23 Recording Cooperation With Other Technicians

Business Details

With this feature, you can determine that maintenance technicians should only be able to record time for another technician by scanning a QR code presented by that person.

When you activate this feature in your system, an additional scan button is available next to the *Employee* field in the *Record Time* dialog in the *Perform Maintenance Jobs* app and posting a time confirmation for another technician will only be possible by scanning a QR code using that button.

In addition to the employee number, the QR code can also contain a confirmation text.

Authorized maintenance technicians can either generate a time-dependent dynamic QR code by selecting *Generate Code* in the list view of the *Perform Maintenance Jobs* app or present a printed QR code that has been created in the Customizing activity *Define Control Parameters for QR Code*.

For more information about other new features in this app, see Enhancements for Perform Maintenance Jobs App [page 142].

Implementation Details

Authorizations

Only technicians with the authorization object `I_CONFSC` can generate QR codes.

Customizing

You can enable this feature by selecting the control parameter *Enable Cooperation* for the relevant combinations of order type and planning plant in Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Completion Confirmations* > *Define Control Parameters for Perform Maintenance Jobs*.

The settings for the QR code are available in Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Completion Confirmations* > *Define Control Parameters for QR Code Service*.

Effects on Existing Data

The user interface of the *Record Time* dialog in the object page has been enhanced with the scan button next to the *Employee* field to record the time of the maintenance technician.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	BH1 (Corrective Maintenance) BJ2 (Preventive Maintenance) 4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	App ID: `F5104A`
Application Component	`PM-FIO` (*Fiori UI for Plant Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Cooperation

3.1.24 Verification of Maintenance Jobs

Business Details

With this feature, a maintenance technician who has appropriate authorization, can verify jobs performed by another maintenance technician in the *Perform Maintenance Jobs* app (F5104A). This way, the maintenance technician who is doing the verification provides a quality check based on the principle of dual control.

When you activate this feature in your system, maintenance planners can indicate that a verification step is mandatory for an order operation while planning the maintenance order by selecting *Required* in the new *Verification* field that is available in the operation details of a maintenance order.

The verification indicator can also be set on task list operation level. You can use the GUI transaction (IA38) to set or remove the indicator in mass maintenance.

After performing the corresponding maintenance job, the maintenance technician can post a final time confirmation only if the job has been checked and verified by another person.

To record the verification, the maintenance technician scans a QR code that is presented by another person with the appropriate authorization. The maintenance technician who verifies the job can either generate a time-dependent dynamic QR code by selecting *Generate Code* in the list view of the *Perform Maintenance Jobs* app or present a printed QR code that has been created in the Customizing activity *Define Control Parameters for QR Code*.

For information about other new features in the *Perform Maintenance Jobs* app, see Enhancements for Perform Maintenance Jobs App [page 142].

Implementation Details

Authorizations

Only technicians with the authorization object `I_CONFSC` can generate QR codes.

Customizing

To enable this feature in your system, you need to activate the additional function `JOB_VERIF` (*Maintenance Job Verification*) in Customizing for *Plant Maintenance and Customer Service* under *System Enhancements and Data Transfer* > *Activate Functions for Enterprise Asset Management*.

The settings for the QR code are available in Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Completion Confirmations* > *Define Control Parameters for QR Code Service*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	BH1 (Corrective Maintenance) BJ2 (Preventive Maintenance) 4HH (Reactive Maintenance) 4HI (Proactive Maintenance)

Technical Object Name	App ID:
	`F5104A`
	`F5241`
	`W0017`
	`W0021`
	`F2175`
	`F2174`
	`F2173`
	`F2660`
	`F2661`

Application Component	`PM-FIO` (*Fiori UI for Plant Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Verification

3.1.25 New Customizing Activity for Perform Maintenance Jobs App

Business Details

The Customizing activity *Define Control Parameters for Perform Maintenance Jobs* is now updated with a new view where you make settings based on the planning plant. The old view, where settings were made based on the operation work center plant, has been deprecated.

To transfer the settings you have made in the old view to the new view, the XPRA report `ASM_XPRA_CONV_PMJ_CTRLP` runs automatically during the upgrade and the following changes are made:

- If you have maintained control parameters for the operation work center plant in the Customizing activity *Define Control Parameters for Perform Maintenance Jobs*, then the Customizing settings are migrated to the corresponding planning plant during the upgrade. This change is relevant only when upgrading from SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2022 or SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2023, as the Customizing activity was not present in earlier versions.
- If you have defaulted the value for *Final Confirmation* and *Propose Dates* in the Customizing activity *Define Control Parameters for Completion Confirmations*, those values are migrated to the Customizing activity *Define Control Parameters for Perform Maintenance Jobs*.

For information about other new features in the *Perform Maintenance Jobs* app, see Enhancements for Perform Maintenance Jobs App [page 142].

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BH1 (Corrective Maintenance) BJ2 (Preventive Maintenance) 4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	Customizing Activity: *Define Control Parameters for Perform Maintenance Jobs* App ID: `F5104A`
Application Component	`PM-FIO` (*Fiori UI for Plant Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025

Related Information

Perform Maintenance Jobs

3.1.26 Enhancements for Manage Inspection Checklists App

Business Details

New features are available in the *Manage Inspection Checklist* (`F6607`) app.

The following enhancements have been made to the *Inspection Characteristics* tab:

- A new action button, *Display Results History*, has been added. It opens the *Display Results History* app with pre-filled parameters.
- The *Inspection Method* column has been enhanced. You can now navigate to the corresponding inspection method using a smart link.
- The new column *Test Equipment* has been added.

The *Number of Attachments* column has been added to the *Inspection Lot* tab and the *Inspection Characteristics* tab.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance) BH1 (Corrective Maintenance) BJ2 (Preventive Maintenance)
Technical Object Name	App ID: `F6607`
Application Component	`PM-FIO-WOC-CHL` (*Fiori-UI for PM - Check List*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Inspection Checklists

3.1.27 Enhancements for Manage Maintenance Planning Buckets (New Version) App

Business Details

New features are available in the *Manage Maintenance Planning Buckets (New Version)* app (F3888A). You can now revert some system statuses and monitor the completion status of maintenance orders and maintenance notifications that are assigned to a maintenance event directly from the results list of the app.

- You can now revert the system statuses *Technically Completed*, *Do Not Execute*, and *Deletion Flag* using the *Change Status* action on the detail page of a planning bucket. If you revert a system status, the system status of the planning bucket is set back to the previous system status.
- Two new table columns *Completed Orders* and *Completed Notifications* are available in the results list. They contain a microchart that shows the number of completed orders or notifications compared to the total number of orders or notifications assigned to each maintenance event, helping you track the overall progress of the maintenance activities at a glance. This chart is only relevant for event-based maintenance planning buckets.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	App ID: F3888A
Application Component	PM-FIO-WOC (*Fiori UI for PM Maintenance Processing*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Maintenance Planning Buckets (New Version)
System Statuses of Planning Buckets

3.1.28 Assignment of Maintenance Notifications to Maintenance Events

Business Details

With this feature, you can use different SAP Fiori apps to assign maintenance notifications to a maintenance event. Previously, you could only manage this assignment directly in the relevant planning bucket using the *Manage Maintenance Planning Buckets (New Version)* app.

Assigning a maintenance notification to a maintenance event is now possible using the new *Maintenance Event/Revision* field, which is available in the following apps:

- In the *Create Maintenance Notification* app and the *Change Maintenance Notification* app under *General Data*
- In the *My Maintenance Requests* app and the *Screen Maintenance Requests* app under *Prioritization & Criticality*
- In the *Change Scheduling* dialog of the *Find Maintenance Notification* app

In the relevant list report apps, the field is also available as a new filter and table column in the results list.

In addition to these apps, you can also use the OData API *Maintenance Notification* to manage the assignment of maintenance notifications to a maintenance event.

When you assign a notification to a maintenance event, the system automatically updates the required start date and the required end date of the notification based on the dates of the maintenance event.

Technical Details

Type	Changed
Functional Localization	No localization

Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance) BH1 (Corrective Maintenance)

Technical Object Name	App ID:
	`F4513`
	`F4072`
	`F2071`
	`W0003`
	API:
	`API_MAINTNOTIFICATION`

Application Component	`PM-WOC-MN` (*Maintenance Notifications*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Assigning Orders and Notifications to a Maintenance Event

3.1.29 QR Code Scan Function for Filters in Find Maintenance Orders App

Business Details

With this feature, you can fill filter fields in the *Find Maintenance Orders* (`F2175`) app by scanning QR codes that contain the corresponding filter values. When you scan a QR code with the scanner in the filter area, the system automatically enters the scanned values into the relevant filter fields and executes the search immediately with the relevant results.

Implementation Details

Customizing

To be able to use the scan function in the *Find Maintenance Orders* app, you need to make the relevant settings in Customizing for *Plant Maintenance and Customer Service* under ▶ *Maintenance and Service*

Processing > *Fiori Apps for Maintenance Processing* > *General Settings* > *Configure Parameters for Enhanced Scan Function* >.

In this Customizing activity, you specify the value patterns that describe how the individual filter field values can be extracted from a QR code string and mapped to the appropriate filter fields in the app.

You can use the method `BARCODE_VALUE_GENERATE` with the class `CL_ASM_PM_BSCAN` to generate a QR code string based on the value patterns in this Customizing table.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	BH1 (Corrective Maintenance) BJ2 (Preventive Maintenance) 4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	Customizing Activity: *Configure Parameters for Enhanced Scan Function* App ID: `F2175`
Application Component	`PM-FIO-WOC-MO` (*Fiori UI for PM Maintenance Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Scan Function for Filters

3.1.30 Linear Data Fields

Business Details

The new feature allows efficient transfer of linear data fields between maintenance items, orders, and notifications, reducing the need for multiple entries and enhancing visibility of linear data.

Linear data fields are now transferred as follows:

- From maintenance item to maintenance order (preventive maintenance scenario):
  You can now create a single maintenance item and specify multiple linear data fields for an object (for example, equipment or functional location) in its object list. This eliminates the need to create separate maintenance items for each linear segment of the object.
  When a preventive maintenance order is generated, all linear data fields linked to the equipment or the functional location in the maintenance item's object list are automatically transferred to the maintenance order's object list. This reduces manual effort and ensures accuracy.
- From notification to maintenance order (reactive maintenance scenario):
  Same as in previous releases, linear fields in the notification header and line items are transferred to the corresponding entries in the maintenance order's object list during assignment, but now you can view the linear data of the notifications.

  > ⓘ Note
  >
  > - When a notification in the object list is unassigned from the order the linear fields associated to the order (through object list) are deleted.
  > - Changes to the linear data fields in the notification after creating the order don't update the linear data fields of the order.
- From maintenance order to follow-on notification (follow-on notification scenario):
  When a follow-on notification is created with reference to a maintenance order header or operation for a linear asset, the system transfers the linear data fields to the follow-on notification.

> ⓘ Note
>
> These enhancements are available only in SAP GUI. They not available in SAP Fiori and SAP Web UI apps.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PM-EQM` (*Technical Objects*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

3.1.31 Transition of Geometry tables of Geographical Enablement Framework (GEF)

Business Details

To streamline maintenance and minimize the complexity associated with native HANA objects, the spatial tables are now in ABAP DDIC. This change enables you to store geometry data in ABAP DDIC tables while preserving the current technical processes, improving efficiency and ease of management.

Now you can create DDIC table sets using the `GEF_CRT_TAB` (*Create Spatial Tables*) transaction. This is the recommended architecture: it provides baseline data for new feature development.

To create HANA tables, use the `GEF_CRT_TAB_OLD` (*Create GDB Tables*) transaction. However, this approach isn't recommended since any new tables created this way will need migration later.

You can't run both DDIC tables and native HANA tables simultaneously in a productive environment. This setup is only supported for migration purposes during an upgrade from a previous version.

The `SAP_GEF` schema is no longer required to be implemented as part of the installation process of Geographical Enablement Framework.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-EPT-GEF` (*GEO Enablement Framework*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

3.1.32 New Filter Parameters for Maintenance Order and Maintenance Notification

Business Details

This feature enables master data specialists to set up geospatial data on objects based on the phase, subphase, notification and order processing contexts. This will help the maintenance planners, supervisors, and technicians to visualize and manage maintenance activities with greater specificity and accuracy.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F5562`
	`F5562A`
	`F5561`
	`F5561A`

Application Component	`CA-EPT-GEF` (*GEO Enablement Framework*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Phase-Based Maintenance Process

3.1.33 Resubmit Maintenance Requests From the Action Required Subphase in My Maintenance Requests App

Business Details

With this feature, in the *My Maintenance Requests* (`F4513`)app, you can view, edit, and resubmit maintenance requests which are in action required subphase, created by other users for an approval. This is helpful when the creator of the maintenance request is not available to provide the required information.

You can enable this functionality by using the business function `LOG_EAM_MY_MAINT_REQ_CREATDBY` (*My Maintenance Request: Created By*).

Earlier, only the user who created the request was able to edit it and submit the maintenance request.

> **Note**
>
> This feature is available as of:
>
> - SAP S/4HANA Cloud Private Edition 2025 and SAP S/4HANA 2025
> - SAP S/4HANA Cloud Private Edition 2023 SP04 and SAP S/4HANA 2023 SP04

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance)
Technical Object Name	App ID: `F4513`
Application Component	`PM-FIO-WOC-MN` (*Fiori UI for PM Maintenance Notification*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

My Maintenance Requests
My Maintenance Request: Created By

3.1.34 Original Final Due Date

Business Details

With this feature, you can view the original final due date in addition to the previous final due date when the final due date is changed in a maintenance notification or a maintenance order. The original final due date indicates the final due date that was initially determined for a maintenance activity, whereas the previous final due date indicates the final due date before the most recent change. This means that the original value remains visible even when the value is changed several times.

When the final due date is changed, the original final due date is displayed in the relevant SAP Fiori and SAP Web UI apps for processing maintenance notifications and maintenance orders as well as in the corresponding SAP GUI transactions. Note that in the SAP Fiori and SAP Web UI apps, the field is hidden on the user interface if the final due date has not been changed.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance)
	4HI (Proactive Maintenance)
	BH1 (Corrective Maintenance)
	BH2 (Emergency Maintenance)
	BJ2 (Preventive Maintenance)

Technical Object Name	App ID:
	`F4072`
	`F4513`
	`F5797`
	`F2071`
	`F5241`
	`F2075`
	`W0003`
	`W0017`
	`IW22`
	`IW23`
	`IW32`
	`IW33`
	API:
	`API_MAINTNOTIFICATION`

Application Component	`PM-WOC` (*Maintenance Processing*) `PM-FIO-WOC` (*Fiori UI for PM Maintenance Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Final Due Date

3.1.35 Maintenance Order: Dispatch of Individual Operations

Business Details

With this feature, you can dispatch operations and suboperations of a maintenance order individually. Previously, this option was only available for additional operations in emergency orders and in the apps for *Resource Scheduling*.

Although we recommend that you dispatch a maintenance order with all its operations, you may need to dispatch individual operations and suboperations in certain situations - for example, when you add POST

operations for finishing tasks to an order that has already been dispatched. Now you can use the *Change Maintenance Order* app (`W0017`) or the *Find Maintenance Orders and Operations* app (`F2173`) to dispatch individual operations that have been released or are in the *Ready to Schedule* subphase.

Implementation Details

Effects on Existing Data

In the *Find Maintenance Orders and Operations* app, a new *Dispatch Operations* button is available in the list view.

In the *Change Maintenance Order* app, the *Dispatch Operations* button above the operations table is no longer only available in maintenance orders with the processing context *Emergency Order*. It is displayed on the user interface when you select an operation whose performing work center is not used in *Resource Scheduling*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance) BH1 (Corrective Maintenance) BJ2 (Preventive Maintenance)

Technical Object Name	App ID:
	`W0017`
	`F2173`

Application Component	`PM-WOC-MO` (*Maintenance Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Dispatching and Canceling the Dispatch of Order Operations

3.1.36 Maintenance Order: URL Attachments

Business Details

With this feature, you can use the *Create Maintenance Order* and *Change Maintenance Order* apps (`W0017`) to add web links to a maintenance order. You can add links at order header, operation, or component level (material or lean service).

To add a link, choose the new *Add Link* button on the *Documents* tab of the maintenance order. Select a document type, enter a description, and specify the URL. The system creates a new document info record and assigns the document to the maintenance order header. Depending on the Customizing settings of the relevant document type, you can assign this document to an operation, suboperation, material, or lean service. The link is displayed in the *Original Files* group box.

> **Note**
>
> If you add a link to a material or a lean service, the link is automatically copied to the relevant purchase requisition item if the document type is configured accordingly in Customizing.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance) BH1 (Corrective Maintenance) BJ2 (Preventive Maintenance)
Technical Object Name	App ID: `W0017`
Application Component	`PM-WOC-MO` (*Maintenance Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Document Assignments in Maintenance Orders

3.1.37 Translatable Phase Control Codes

Business Details

With this feature, you can translate phase control codes and their descriptions into other languages. Phase control codes are used in phase-enabled order types to control the movement of orders and operations from one subphase to another subphase. For this purpose, a new translation screen has been added to the Customizing activity where you configure phase control codes. Translated phase control codes are displayed in the apps for processing maintenance orders when users log in with the relevant language.

Implementation Details

Customizing

To translate phase control codes, open the activity *Define Phase Control Code for Maintenance Orders* in Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Fiori Apps for Maintenance Processing* > *General Settings*. Select a combination of order type and entity (order header or order operation) and choose *Define Phase Control Codes*. Then choose *Goto* > *Translation* from the application menu and specify the target language.

Note that the original language of a phase control code corresponds to the maintenance language of the status profile that is assigned to the relevant order type and entity. Ensure that you maintain your phase control codes and descriptions in this language.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	Customizing Activity: *Define Phase Control Code for Maintenance Orders*
Application Component	`PM-WOC-MO` (*Maintenance Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Configuring Phase Control Codes

3.1.38 Adapting the Phase-Based Process With Events

Business Details

By configuring events, you can adapt some steps within the phase-based maintenance process to your business needs. This option has been enhanced so that you can now configure different events per subphase depending on the processing context. This means that you can, for example, implement a different system behavior for the same subphase in notifications for minor work and emergency work.

If you want to implement custom processes for emergency work and minor work based on the standard *Reactive Maintenance* process, we recommend that you use the processing contexts *Emergency Work with Screening* and *Minor Work with Screening* for this purpose. In the standard system, these processing contexts have not been configured in a way that specific process steps are automated or skipped. However, they allow you to automate certain steps within the end-to-end process according to your own requirements without modifying the standard *Emergency Work* or *Minor Work* processing contexts.

Implementation Details

Customizing

You configure events for specific types of phase-enabled maintenance orders in Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Fiori Apps for Maintenance Processing* > *Configure Overall Status Profiles*. The events are part of the overall status profile and specified in the *Define Overall Status Profile* activity.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance)
Technical Object Name	Customizing Activity: *Configure Overall Status Profiles*

Application Component	`PM-WOC` (*Maintenance Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Configuring Events to Adapt the Maintenance Process

3.1.39 Checklist for Material Components

Business Details

The new feature allows you to create inspection checklists for single or multiple material components that have no technical object master record. This can be useful in several situations. For example: when spare parts need inspection before use or installation, or when serialized materials need inspection with or without a refurbishment relation.

We have introduced new functions that enable the inspection checklist process for materials:

- On component level in the maintenance order and maintenance task list a new *Checklist* indicator that allows to create checklists for material components. You can select one of the following options:
  - *No Checklist*: this is the default value. No inspection checklist is created for the material component.
  - *Checklist*: the material number and quantity are copied to the inspection lot.
  - *Checklist Without Materials Planning*: this option has the same effect as the checklist option, but it excludes the material component from materials planning and cost calculation.

    > **Note**
    >
    > The material must have an inspection setup in the material master data.
- You can generate checklists for serialized materials by adding them to the object list of the maintenance order. Use the new *Add Serial Numbers* button for this purpose. Instead of creating separate checklists for each serial number, you can create a single checklist for several serial numbers. To do this, select the new *Collective Checklist* checkbox for the relevant entries in the object list. In the new *Sort* field, enter the same value for the serial numbers you want to group. During checklist generation, the system creates a checklist for each matching inspection plan. The corresponding serial numbers appear in the checklist.
- For refurbishment orders with multiple serialized materials that need to be refurbished, you can do the following:
  - Manually generate the object list after posting the goods issue.
  - Enable automatic object list generation using the Customizing activity *Configure Checklists for Maintenance Order Types and Planning Plants* in Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Maintenance and Service Orders* > *Functions*

and Settings for Order Types. When enabled, the system generates the object list automatically at the time of goods issue.

Implementation Details

Inspection checklist functions and fields are effective and visible only if the following conditions are fulfilled:

- The business function `LOG_EAM_CHECKLIST` is active.
- You have made the required configuration in the Customizing activity *Configure Checklists for Maintenance Order Types and Planning Plants* in Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Maintenance and Service Orders* > *Functions and Settings for Order Types*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PM-WOC-CL` (*Checklists*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Overview of the Inspection Checklist Process

3.1.40 Processing Billable Maintenance Orders in SAP Fiori Apps

Business Details

With this feature you can now do the following:

- View the billable orders in the following Fiori apps: *Find Maintenance Orders* (F2175), *Find Maintenance Orders and Operations* (F2173), *Manage Maintenance Notifications and Orders* (F4604).
- Use the *Billable Order (B)* processing context to filter for billable orders.
- Perform quick actions enabled for billable orders, such as *Change Status* and *Change Scheduling*.

The following table provides overview of the possible actions with billable maintenance orders in Fiori apps.

Billable Maintenance Orders in Fiori Apps

	View	Change Scheduling	Change Status	Filter by *Billable Order (B)* processing context
Find Maintenance Orders	Yes	Yes	Yes	Yes
Find Maintenance Orders and Operations	Yes	No	Yes	Yes
Manage Maintenance Orders	Yes	Yes	Yes	Yes
Manage Maintenance Notifications and Orders	Yes	No	Yes	Yes
Manage Maintenance Backlog	Yes	Yes	No	No

Billable maintenance orders are also considered in the analytical cards in the *Manage Maintenance Backlog* (F4073) app.

You can also view and change scheduling of billable maintenance orders in the *Manage Maintenance Planning Buckets (New Version)* (F3888A) app.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	6F1 (Recurring Services with Advanced Execution) 6AU (Service with Advanced Execution)

Technical Object Name	App ID:
	`F2175`
	`F2173`
	`F5241`
	`F4604`
	`F3888A`
	`F4073`
	`F5105`

Application Component	`PM-WOC-MO-BIL` (*Billable Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Billable Maintenance Order

3.1.41 Billable Maintenance Order: Phase-Based Maintenance Process

Business Details

With this feature, you can use phase-enabled order types to process billable maintenance orders. However, there are some differences in the approval process for billable orders compared to other order types.

You can create billable maintenance orders using order types that are processed according to the phase-based maintenance process, such as the *Reactive Maintenance* or the *Proactive Maintenance* order types.

The approval of phase-based billable maintenance orders differs based on whether the billable maintenance order is associated with a service order or a service quotation.

The approval of phase-based billable maintenance orders associated with service quotations is managed within the service quotation. The approval status of the service quotation is copied as the status of the billable maintenance order.

When a phase-based billable maintenance order is associated with a service order, and the order type of the billable order is configured for cost approval, the order begins in *ORAR (Order Approval Required)* status. You need to execute the *Submit for Approval* action in Fiori to start the approval workflow. Once the workflow begins, the order status changes to *ORAI (Order Approval in Process)*. After the order is approved, either automatically or manually, the status updates to *ORAP (Order Approved)*.

> **Note**
>
> If you mark a standard order that has already been approved as billable, the approval is reverted and the order must be resubmitted for approval once the planning is completed.

Implementation Details

For billable maintenance orders associated with a service order, and the order type of the billable order is configured for cost approval, you need to configure an approval workflow in the *Manage Workflows for Maintenance Orders* app. The workflow uses start conditions to determine which maintenance orders should enter the approval process. To configure a dedicated workflow for the approval of billable maintenance orders, select the start condition *Processing context of the maintenance order is* **B**.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	6F1 (Recurring Services with Advanced Execution) 6AU (Service with Advanced Execution) 4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	Not applicable
Application Component	`PM-WOC-MO-BIL` (*Billable Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

3.1.42 Functional Enhancements for Billable Maintenance Orders

Business Details

We have provided a number of functional enhancements for billable maintenance orders such as improved navigation, restricted deletion of repair object and creation of settlement rule.

The following functional enhancements for billable maintenance orders are available from this release onwards:

- Billable orders with object list entries must have a reference object in the order header.
  The system now requires a technical object in the order header when you create a billable maintenance order with technical objects in the object list. This is because the technical objects in the billable maintenance order are copied as reference objects to the execution order item. One of these reference objects must be the main reference object and that corresponds to the technical object in the order header.
- Hierarchy settlement of billable maintenance orders
  You can't create settlement rules in billable maintenance orders that are part of hierarchy settlement. For a billable maintenance order with hierarchy settlement, the settlement rule is maintained in its service document.
- Prevent deletion of in-house service object
  When an execution order item contains an in-house service object, it is included in the object list of the billable maintenance order. You can only edit the in-house service object in the service order. The system prevents you from deleting the in-house service object from the billable order object list.
- Navigation from billable maintenance order to service order
  A new function `SRVDOCNAV` (*Open Service Document in Fiori*) in Customizing for *Plant Maintenance and Customer Service* under *System Enhancements and Data Transfer* > *Activate Functions for Enterprise Asset Management* allows you to determine where the system should open the service document for billable maintenance orders. If you activate this function, the service document opens in the corresponding Fiori app.
  If you don't activate it, the service document opens in the WebClient UI. Business users can overwrite this setting in the *User Settings for EAM* (transaction EAM_USER).

  > **Note**
  >
  > This enhancement is only relevant for SAP GUI.

  > **Note**
  >
  > If you navigate to the service order from Fiori, the service document opens in Fiori.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	6F1 (Recurring Services with Advanced Execution) 6AU (Service with Advanced Execution)
Technical Object Name	Not applicable
Application Component	`PM-WOC-MO-BIL` (*Billable Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

3.1.43 Work Pack Creation Throughout the Maintenance Order Lifecycle

Business Details

With this feature, you can allow the creation of work packs for maintenance orders at different stages during the end-to-end maintenance process. In the standard system, work packs can only be created for operations in released orders. In phase-enabled orders, operations must be in the *Execution* phase. Now you can freely define in Customizing for which order statuses, phases, and subphases you want to allow the creation of work packs depending on the work pack type.

Implementation Details

Customizing

To modify the default logic and allow the creation of work packs in different stages of the end-to-end maintenance process, you need to make the corresponding settings in Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Work Packs* > *Define Work Pack Types*.

This Customizing activity now allows you to make the following additional settings for each work pack type:

The new *Maintenance Process* checkbox allows you to specify for each work pack type whether the creation of work packs should be allowed throughout the end-to-end maintenance process. Selecting this checkbox has the following effect:

- For orders that are processed according to phases, business users will be able to create work packs of this type in any subphase of the maintenance process.
- For orders that are not processed according to phases, business users will be able to create work packs of this type regardless of the order system status.

The subdialogs of the Customizing activity allow you to fine-tune this setting as follows:

- In the *Manage Phase and Subphase for Work Pack Type* subdialog, you can define specific phases and subphases at order and operation level in which the work pack creation should be allowed. The settings in this subdialog are only relevant for maintenance orders that are processed according to phases.
- In the *Manage System Status for Work Pack Type* subdialog, you can define specific system statuses at order and operation level for which the work pack creation should be allowed. The settings in this subdialog are only relevant for maintenance orders that are not processed according to phases.

You make the required settings by specifying individual phases, subphases, or system statuses at order header or operation level that should be **excluded** or **included** during work pack creation.

> ### Example
>
> You want to create work packs to review jobs that have been finished but not yet finally confirmed. To achieve this, you exclude the operation system status *CNF (Confirmed)* and include the operation system

status *JBFI (Job Finished)* in Customizing. When you create a work pack of the relevant work pack type, the system will only include operations that have the system status *JBFI (Job Finished)* but do not have the system status *CNF (Confirmed)*.

Note that an operation can only be included in a work pack of a given type when all applicable conditions that you have defined are fulfilled at the same time.

Effects on Existing Data

The new settings do not have an impact on work packs that have already been created.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance) BH1 (Corrective Maintenance) BJ2 (Preventive Maintenance)

Technical Object Name	Customizing Activity:
	Define Work Pack Types
	App ID:
	`F2173`
	`F2175`

Application Component	`PM-FIO` (*Fiori UI for Plant Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

3.1.44 SAP APM Integration: Get Recommended Failure Effects and Failure Modes

Business Details

If you have set up the integration of SAP S/4HANA Asset Management with SAP Asset Performance Management (SAP APM), you can now get recommended failure effects and failure modes when you enter failure data for a technical object in maintenance requests and maintenance jobs. This feature is available

in the *Create Maintenance Request* app (`F1511A`), the *My Maintenance Requests* app (`F4513`), the *Screen Maintenance Requests* app (`F4072`), and the *Perform Maintenance Jobs* app (`F5104A`).

The new buttons *Get Recommended Failure Effects* and *Get Recommended Failure Modes* are displayed next to the relevant fields on the UI. The recommendations are generated by the SAP APM solution based on the combination of the technical object, the catalog profile and, if available, the specified failure effect or failure mode. When you select a failure mode, the system updates the assigned task list in the *Create Maintenance Request* and *Screen Maintenance Requests* app accordingly.

> **Note**
>
> For further enhancements of the APM integration, see SAP APM Integration: View Indicators and Assessment Details for Technical Objects [page 173].

Implementation Details

To use this feature, you need to activate the business function *Integration with Asset Performance Management* (`EAM_APM_INTEGRATION`).

The system only displays data from the SAP APM solution if you have created a Remote Function Call (RFC) destination to SAP APM, assigned it in Customizing for *Plant Maintenance and Customer Service* under *EAM-APM Integration* > *Assign RFC Destination for APM Integration*, and specified the relevant API key.

To get recommended failure effects and failure modes, you must have set up a failure data hierarchy for your technical objects in SAP APM.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance)

Technical Object Name	App ID:
	`F1511A`
	`F4072`
	`F4513`
	`F5104A`

Application Component	`PM-FIO` (*Fiori UI for Plant Maintenance*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

System Integration: SAP S/4HANA and SAP APM

3.1.45 SAP APM Integration: View Indicators and Assessment Details for Technical Objects

Business Details

If you have set up the integration of SAP S/4HANA Asset Management with SAP Asset Performance Management (SAP APM), you can now view details of RCM/FMEA assessments and APM indicators associated with a technical object in the *Find Technical Object* app (`F2072`).

With this enhancement, you can view the risk score and criticality information of the technical object in the header of the detail page. Furthermore, the *Recommendations* tab page has been renamed to *Asset Performance* and shows the following information in addition to the existing recommendation details:

- The *Assessments* section shows the RCM (Reliability-Centered Maintenance) and FMEA (Failure Mode and Effects Analysis) assessments that have been created for the technical object using SAP APM applications. For each assessment, you can navigate to a detail page that provides specific information based on the assessment type. You can also open each assessment in the corresponding SAP APM application (*Manage RCM Assessments* or *Manage FMEA Assessments*).
- The *Indicators* section shows any indicators associated with the technical object. Indicators are used in SAP APM to describe specific, observable, and measurable characteristics that can be used to show the state of an equipment or a functional location. Indicators can either be measuring point characteristics that have been created in your SAP S/4HANA system and replicated to SAP APM, or additional indicators that have been created locally in SAP APM. You can also open each indicator in the SAP APM application *Explore Technical Objects*.

> **Note**
>
> For further enhancements of the SAP APM integration, see SAP APM Integration: Get Recommended Failure Effects and Failure Modes [page 171].

Implementation Details

To use these features, you need to activate the business function *Integration with Asset Performance Management* (`EAM_APM_INTEGRATION`).

The system only displays data from the SAP APM solution if you have created a Remote Function Call (RFC) destination to SAP APM, assigned it in Customizing for *Plant Maintenance and Customer Service* under *EAM-APM Integration* > *Assign RFC Destination for APM Integration*, and specified the relevant API key.

To view assessments and indicators in the corresponding SAP APM applications, you need to establish the cross application navigation to the SAP Asset Performance Management Launchpad.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	App ID: `F2072`
Application Component	`PM-FIO` (*Fiori UI for Plant Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

System Integration: SAP S/4HANA and SAP APM

3.1.46 Self-Healing for Partner Inheritance

Business Details

Partner Inheritance transfers partner functions and details from superior technical objects to child technical objects. Self-healing detects and corrects any inconsistencies, maintaining alignment and data integrity across the technical object hierarchy. This process eliminates manual intervention, reducing administrative overhead and the risk of inconsistencies.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance) BH1 (Corrective Maintenance) BH2 (Emergency Maintenance) BJ2 (Preventive Maintenance)
Technical Object Name	Not applicable
Application Component	`PM-EQM-EQ` (*Equipment*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Partner Inheritance

3.2 Resource Scheduling

3.2.1 Manage Schedules: Rescheduling With a Reason

Business Details

When maintenance doesn't go according to plan, you can flexibly reschedule order operations even if they were previously frozen, for example. When rescheduling you can also maintain a reason.

For rescheduling, you can move operations from a frozen, in-execution, or closed schedule to another schedule. This gives you greater transparency as you can record the reasons for rescheduling and include a comment. This information also forms a basis for making continuous improvements in schedule creation, for example when you notice that rescheduling is repeatedly needed for the same reason.

Implementation Details

Customizing

To check the predefined reasons for rescheduling and create your own as needed, open the activity *Plant Maintenance and Customer Service* > *Maintenance and Service Processing* > *Resource Scheduling* > *Make Settings for Resource Scheduling* > *Maintain Reasons for Maintenance Rescheduling*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	43R (Maintenance Resource Scheduling)
Technical Object Name	App ID: `F3326`
Application Component	`CA-RSH-EAM` (*Resource Scheduling for Enterprise Asset Management*)
Availability	SAP S/4HANA Cloud Private Edition only
Valid as Of	2025

Related Information

Information for Key Users
Rescheduling With a Reason

3.2.2 Manage Schedules: Renewed Schedule Header

Business Details

The user interface of the *Manage Schedules* app was improved to make it more intuitive and help maintenance planners work more efficiently.

The design of the *Manage Schedules* header was improved in the following ways:

- When you open an individual schedule, you now see the title *Maintenance Schedule*.
- Some of the buttons were renamed. For example, the word "Schedule" was removed from buttons where it was not needed.

- For generated schedules, the buttons for *Open Previous Schedule* and *Open Next Schedule* were replaced with arrow symbols (< >) and corresponding tool tips.
- The *Open My Schedules* button was removed in favor of the existing app navigation.
- The description that you can maintain using *Edit* (previously *Change Name and Add Description*) is displayed in a more compact way on the left for better readability.
- The *Time Period* is shown more clearly.
- You can show the full information with the names of the co-planners and reviewers in the *Shared With* area.
- The *Activities Log* is now called **Activities** and the *Show/Hide Activity Log* buttons were renamed to *Show/Hide Activities*.
- The *Use Optimized Data Access* option was renamed to *Accelerate Data Access*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	43R (Maintenance Resource Scheduling)
Technical Object Name	App ID: F3326
Application Component	CA-RSH-EAM (*Resource Scheduling for Enterprise Asset Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Schedules

3.2.3 Manage Schedules: Filter Available for all Fields in List View

Business Details

In the *Manage Schedules* app maintenance planners were previously only able to filter data for specific fields. You can now filter data for all the fields in list view showing the operations. This gives you full flexibility for

working with the operation data in all the phases (planning, finalization, tracking execution, and reviewing). In the same way as other apps, you can also save filters.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	43R (Maintenance Resource Scheduling)
Technical Object Name	App ID: F3326
Application Component	CA-RSH-EAM (*Resource Scheduling for Enterprise Asset Management*)
Availability	SAP S/4HANA Cloud Private Edition only
Valid as Of	2025

Related Information

Manage Schedules
Creating and Managing Views

3.2.4 Maintenance Scheduling Board: Instant Assignment of Person Responsible

The Maintenance Scheduling Board app allows instant assignment of the person responsible to order operations.

Business Details

In the *Maintenance Scheduling Board* app you can now instantly assign the person responsible or the person to carry out the work to order operations when you choose them from the search results.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	43R (Maintenance Resource Scheduling)
Technical Object Name	App ID: `F2603`
Application Component	`CA-RSH-EAM` (*Resource Scheduling for Enterprise Asset Management*)
Availability	SAP S/4HANA Cloud Private Edition only
Valid as Of	2025

Related Information

Assigning Operations to a Person Responsible

3.2.5 Multiple Apps: Order Readiness Including Material and Service Availability

Business Details

You can display the readiness status to easily identify whether a maintenance order is time-critical, whether the required materials and services are available, and whether the order has already been submitted for scheduling. This is possible not just at the level of orders but also for order operations.

As with the **Manage Maintenance Backlog** app in Maintenance Management, the Resource Scheduling applications now allow you to see the *Readiness Status* with the following information at order and order operation level:

- *Scheduling Compliance* indicating whether the maintenance order or order operation is time-critical
- *Component and Service Availability* indicating whether the required materials and services are expected to be available. The service and material availability status includes stock material, purchased (non-stock) material, and procured services.
- *Scheduling Readiness* indicating whether the order or order operation has already been submitted for scheduling

The feature enables maintenance planners to make informed scheduling decisions based on more detailed status information about the required material and services for both the order and the order operations. You can then take action to ensure the timely availability of certain resources or reschedule the maintenance order.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	43R (Maintenance Resource Scheduling)
Technical Object Name	App ID: `F2222` App ID: `F2603` App ID: `F3326` App ID: `F3423` App ID: `F4577`
Application Component	`CA-RSH-EAM` (*Resource Scheduling for Enterprise Asset Management*)
Availability	SAP S/4HANA Cloud Private Edition only
Valid as Of	2025

Related Information

Information for Key Users
Checking the Readiness Status for Orders and Operations
Checking the Material Availability Status
Manage Components and Services
Schedule Material Availability Check

3.2.6 Multiple Apps: Billable Maintenance Orders Included in Scheduling

Business Details

This enhancement in *Resource Scheduling* apps allows you to view and process billable maintenance orders. The improved integration allows maintenance planners to carry out more streamlined processing by including this type of maintenance order.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	43R (Maintenance Resource Scheduling)
Technical Object Name	App ID: F2222 F2227 F2603 F3326 F3423 F4577
Application Component	CA-RSH-EAM (*Resource Scheduling for Enterprise Asset Management*)
Availability	SAP S/4HANA Cloud Private Edition only
Valid as Of	2025

Related Information

Billable Maintenance Order
Working With Billable Maintenance Orders in Scheduling

3.2.7 Multiple Apps: Assigning Team Members to Multiple Teams

Business Details

You have more flexibility in the assignment of team members to teams.

The feature enables you to assign team members to more than one team. A key user can configure the system so that a warning appears instead of an error message when person assigning team members tries to assign a team member to more than one team. The warning can be ignored.

Implementation Details

Customizing

The key user can make this setting in Customizing for **Plant Maintenance and Customer Service**. See Information for Key Users

Technical Details

Type	New
Functional Localization	No localization
Scope Item	43R (Maintenance Resource Scheduling)
Technical Object Name	App ID: `F4988` App ID: `F2603` App ID: `F3423`
Application Component	`CA-RSH-EAM` (*Resource Scheduling for Enterprise Asset Management*)
Availability	SAP S/4HANA Cloud Private Edition only
Valid as Of	2025

Related Information

Information for Key Users
Setting Up Teams for Work Centers

3.2.8 Multiple Apps: User Interface Improvements

Business Details

The user interface of the *Resource Scheduling* apps was enhanced to allow you to navigate between data and applications more flexibly. The labels for some field were simplified to make the UI more intuitive and consistent.

The main UI improvements are as follows:

- **Tile for easy access to work center utilization**

You can access the *Manage Work Center Utilization* app directly from your SAP Fiori launchpad.

- **Smart links for showing key data**
  Objects are shown as hyperlinks that you can follow to see a compact set of key data in a dialog window. Smart links are available in multiple apps for objects such as orders, operations, functional locations, equipment, and maintenance events. For example, in the *Work Center Utilization* app each maintenance order ID in the list is a smart link. When you choose a smart link, you see a dialog box with details such as the *Readiness Status*, the *Processing Context*, the *Technical Object*. If a long text is available, several lines are also displayed in the dialog box and you can branch to more text using *Show More*. At the top of the dialog box is a smart link that takes you to the maintenance order itself.
- **Personalized link lists in the smart links dialogs**
  In the dialog windows you see when following a smart link, you can define a personalized list of links to help you navigate to other apps you use regularly. To do this, can use the *More Links* button in the dialog window and select or deselect items from the list. The links appear at the bottom of the dialog box.
- **Enhanced People Gantt Chart**
  The visual design has been improved. The order and operation IDs now appear in the header. The button colors for the *Assign* and *Unassign* actions have also been updated for better visibility.
- **More flexibility when working with date ranges**
- In multiple apps, you can select the timeframe required more quickly. Based on the current date, you can choose a number of upcoming days, weeks, months, for example.
- **Clearer order selection in Gantt Charts**
  In the Gantt charts for *Manage Maintenance Schedule for Orders* and for *Assets*, if you selected the shape for an order or for multiple orders and then use the checkbox to select a different order, the shapes are deselected. Conversely, if you select a shape or multiple shapes, the checkbox is deselected. This helps you see exactly what objects your next action, such as triggering order scheduling, will apply to.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	43R (Maintenance Resource Scheduling)

Technical Object Name	App ID:
	`F2222`
	`F2227`
	`F2603`
	`F3326`
	`F3423`
	`F4577`

Application Component	CA-RSH-EAM (*Resource Scheduling for Enterprise Asset Management*)
Availability	SAP S/4HANA Cloud Private Edition only
Valid as Of	2025

Related Information

Apps for Resource Scheduling

3.3 Country/Region Specifics

For country/region-specific changes, please see What's New for Functional Localizations in SAP S/4HANA.

4 Finance

4.1 Financial Planning and Analysis

4.1.1 Objects Released for Developer Extensibility in Financial Planning and Analysis

Business Details

With the objects released in Financial Planning and Analysis, you have a stable interface to access data from SAP S/4HANA when building custom applications or extensions with developer extensibility. You can integrate the released objects in your custom code or extend them at predefined extension points. Depending on your use case, different object types are provided (such as BAdIs, CDS views, business object interfaces). You find all the released objects in the ABAP Development Tools (ADT), when you're connected to SAP S/4HANA.

The following table summarizes the objects that have been added, changed or deprecated for developer extensibility with the current release.

Objects Added, Changed, or Deprecated for Developer Extensibility

Object Type	End-User Name	Technical Name	Type	Details
CDS view	Accounting Service Document Item ID (Value Help)	`I_AcctgServiceDocumentItemVH`	New	Accounting Service Document Item ID (Value Help)
CDS view	Accounting Service Document ID (Value Help)	`I_AcctgServiceDocumentVH`	New	Accounting Service Document ID (Value Help)
CDS view	Accounting Service Document Type (Value Help)	`I_AcctgServiceDocumentTypeVH`	New	Accounting Service Document Type (Value Help)
CDS view	Service Contract (Value Help)	`I_AcctgServiceContractVH`	New	Service Contract (Value Help)

Developer extensibility allows you to create development projects in SAP S/4HANA by using ABAP Development Tools for Eclipse. This gives you the opportunity to build extensions, services, and SAP Fiori apps using the complete set of ABAP Cloud features released for SAP S/4HANA, for example, with the ABAP RESTful Application Programming model, http services, and ABAP objects. For more information about the released objects and how to find them, see Released Development Objects.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	J54 (Overhead Cost Accounting)
Technical Object Name	See table above
Application Component	`CO-OM` (*Overhead Cost Controlling*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.1.2 Overhead Cost Controlling (CO-OM)

4.1.2.1 Removal of Obsolete App Set Report Relevancy - Set-Based Hierarchies (HRY_REPRELEV)

Business Details

As of SAP S/4HANA 2023 FPS02, the old version app *Set Report Relevancy - Set-Based Hierarchies* (`HRY_REPRELEV`) was deprecated and replaced by the successor app *Set Report Relevancy - Set-Based Hierarchies* (`F5295`). With SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2025, the old version app is now set as *Obsolete* and removed from the relevant business catalogs and will no longer be available. All users need to use *Set Report Relevancy - Set-Based Hierarchies* (`F5295`) as of now.

The old app version has been removed from the following business catalogs:

- *General Ledger - Analytics* (`SAP_SFIN_BC_GL_ANALYTICS `)
- *General Ledger - Reporting* (`SAP_SFIN_BC_GL_REPORTING`)
- *Profit Center Accounting - Profit Center Master Data* (`SAP_SFIN_BC_OH_MD_PCA`)
- *Overhead Cost Accounting - General Reporting* (`SAP_SFIN_BC_OH_REP_GEN `)

Implementation Details

Authorizations

To enable users to access the successor app, their business users need to have at least one of the four business catalogs mentioned above assigned.

Technical Details

Type	Deleted
Functional Localization	No localization
Scope Item	1HB (Financial Plan Data Upload from File) 2QL (Universal Allocation) J54 (Overhead Cost Accounting) J55 (Margin Analysis) J58 (Accounting and Financial Close)
Technical Object Name	App ID: `HRY_REPRELEV`
Application Component	`CO-OM` (*Overhead Cost Controlling*) `FI-GL` (*General Ledger Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Set Report Relevancy - Set-Based Hierarchies
Set-Based Groups versus Global Hierarchies

4.1.2.2 Cost Centers Review Booklet App

Business Details

With the *Cost Centers Review Booklet App (App ID: F7763)*, you can display, analyze, and validate cost center data. The app displays information about actual and planned costs and groups several predefined reports under *Actuals* and *Plan/Actuals*.

This innovation empowers users by providing a comprehensive tool for cost center analysis and reporting, enhancing data visibility and decision-making.

Implementation Details

Access the *SAP Fiori launchpad* and navigate to the *SAP Fiori apps reference library*. Search for App ID: *F7763* and follow the implementation instructions. Refer to the library for necessary authorizations.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	J54 (Overhead Cost Accounting)
Technical Object Name	`App ID:` `F7763`
Application Component	`CO-OM-CCA` (Cost Center Accounting)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Cost Centers Review Booklet

4.1.2.3 Generic Join Definition Across Database Borders

Business Details

With report **Generic Join Definition Across Database Borders** (**transaction SE16J**), you can efficiently manage table join definitions across multiple tables or CDS. This report allows you to create, read, and execute joins without reports or custom coding, thus simplifying data handling processes. Up to 10 join component tabs are supported along with the ability to apply filters to secondary tables.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not Applicable
Technical Object Name	Not Applicable
Application Component	`CA-GTF-GTB` (*Generic Table Browser*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

SAP Note 3529563

4.1.2.4 Deletion of Allocation Apps

Business Details

The following apps have been deleted and are no longer available by default on the **SAP Fiori launchpad**. Please use the successor apps listed below.

The following apps have been replaced by *Reassign Costs and Revenues* **(F2009):**

- *Enter Manual Cost Allocations* (KB15N)
- *Display Manual Cost Allocations* (KB16N)
- *Reverse Manual Cost Allocations* (KB17N)

The following apps have been replaced by *Manage Direct Activity Allocation* (F3697):

- *Enter Activity Allocation* (KB21N)
- *Display Activity Allocation* (KB23N)
- *Reverse Activity Allocation* (KB24N)

Technical Details

Type	Deleted
Functional Localization	Not applicable
Scope Item	J54 (Overhead Cost Accounting)
Technical Object Name	App ID: `KB15N` App ID: `KB16N` App ID: `KB17N` App ID: `KB21N` App ID: `KB23N` App ID: `KB24N`
Application Component	`CO-OM` (*Overhead Cost Controlling*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.1.2.5 Hierarchy Settlement for Service Document

Business Details

With this feature you can streamline cost and revenue accumulation across service transactions by enabling settlement at the root node of a hierarchy. This feature simplifies the settlement process by reducing the need for individual settlement rules and settlement run for each object, making it more efficient and less time-consuming.

Before SAP S/4HANA Cloud Private Edition 2025 FPS0, you could execute the settlement run only on a single object level, for example service contract item, service order item, service order item with advance execution, and plant maintenance order (PMO). When service documents are linked within the same hierarchy and share the same settlement receiver, the settlement run had to be executed individually for each object using its respective settlement rule. With the hierarchy settlement, you can customize and configure to run the settlement for this hierarchy at the top node, which is now called the root node. The settlement rule for this hierarchy setup should be maintained only at the root node. The system accumulates all the costs and revenue postings across the objects in the settlement hierarchy and settle it against the root object.

Previously, it was not possible to assign both *Event Based Revenue Recognition* and *Settlement* simultaneously to service documents. This restriction is now removed.

The following scenarios are supported:

- Service contract item as the root object, with service order item or service order item (advance execution) and PMO as its child objects

- Service contract item as the root object, with service order item and service order item (advance execution) as its child, while PMO remains an independent object
- Service order item (advance execution) as the root object, with PMO as its child
- Event-Based Revenue Recognition (EBRR) and settlement (individual or hierarchy) enabled at the service document

Implementation Details

Authorizations

Role: SAP_BR_OVERHEAD_ACCOUNTANT

Customizing

For settlement options and customizing, see Settlement Options for Service Transaction Items [page 901].

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management) 426 (Service Contract Management) J54 (Overhead Cost Accounting)
Technical Object Name	`F4568` (Run Settlement - Actual) `FCO_SRVDOC_STLRLSE` (Manage Settlement Rules - Service Documents)
Application Component	`CO-OM-OPA` (*Overhead Cost Order*) `CRM-S4-SRV` (*S4CRM: Service Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Settlement Options for Service Transaction Items [page 901]
Hierarchy Settlement with Service Transactions
Run Settlement - Actual

4.1.2.6 Removal of Job Templates in Schedule Overhead Accounting Jobs

Business Details

To ensure better usability of the app *Schedule Overhead Accounting Jobs*, the following job templates will be removed in an upcoming release:

- *Email Missing Time Sheet Entries* (`SAP_CA_HCM_RCATSCMP`)
- *Email Notification for Timesheet Approvers* (`SAP_CA_HCM_SEND_TIME_APPRV_EMAIL`)
- *Email Notification of Rejected Timesheet Entries* (`SAP_CA_HCM_SEND_REJ_TIME_EMAIL`)
- *Process Unposted Time Confirmations* (`SAP_CA_HCM_RCATSTCO`)

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	J54 (Overhead Cost Accounting)
Technical Object Name	App ID: F3767
Application Component	`CO-OM` (*Overhead Cost Controlling*)
Availability	SAP S/4HANA
Valid as Of	2025

4.1.3 Product Cost Controlling (CO-PC)

4.1.3.1 Detailed Controlling Level for Batch Valuated Products

Business Details

For batch valuated products, the controlling level on individual order is now active by default. This means that now you do not need to add the parameter `DETAILED_CONTROLLING_BATCHES` to the maintenance view `V_CKMLMVADMIN` to activate the detailed controlling level. If you want to deactivate the detailed controlling level, you have to add the parameter `NO_DETAILED_CTRL_BATCHES` to the maintenance view `V_CKMLMVADMIN` (transaction `SM30`).

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CO-PC-ACT` (*Actual Costing/Material Ledger*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Controlling Level

4.2 Accounting and Financial Close

4.2.1 Organizational Changes in Accounting

Business Details

Now, you can reorganize profit centers **and** segments for selected objects. During the reorganization process, profit centers and/or segments for these objects are reassigned and their stocks or balances are reposted to the new organizational entities. In addition, some of the related apps for organizational changes have been enhanced, new Customizing activities for segment reorganization are available, and some new BAdIs are also available.

When you reorganize segments, they're automatically updated in fixed assets (non-UPA) and profitability segments. All values on balance sheet accounts are transferred and posted to new segments.

Furthermore, you can now reorganize profit centers and/or segments for the following:

- Performance obligations in revenue accounting and reporting
- Service document items in item-based accounting

Enhanced Apps

The following apps for organizational changes have been enhanced:

App ID	App Name	Enhancement
F4567	Manage Organizational Changes	Now, you can use this app to enter and reorganize sales document items, service document items, and performance obligations. Additionally, when you process an organizational change, you now have the option to process and complete the organizational change in one step.
F5487	Import Objects for Organizational Change	Now, you can use this app import sales document items, service document items, and performance obligations that you want to reorganize. You import these objects from a spreadsheet application using the templates provided. **Note** This app can only be accessed from within the Manage Organizational Changes app.

App ID	App Name	Enhancement
F7047	Organizational Change Report - Master Data Lists	In this app, you can view objects and master data that were affected by an organizational change in a list view. Now you can also view and analyze service document items, performance obligations, and profit centers (relevant for segment reorganization). The following new CDS views are available for this app: • `I_ProfitCenterToREContract` • `I_ProfitCenterToDeliveryItem` • `I_SegmentToProfitCenter` • `I_OrglChangeSettlmtRuleTrace` For more information, refer to CDS Views for Organizational Changes.
F4868	Organizational Change Report – Master Data Hierarchy	In this app, you can view objects and master data that were affected by an organizational change in a hierarchical view. Now you can also view and analyze service document items, performance obligations, and profit centers (relevant for segment reorganization).

These apps and other apps, related to organizational changes, are available for both profit center and segment reorganizations. The related apps are used for reporting of master data reassignments, transfer postings, job scheduling, and application logs. For more information refer to Apps and Programs for Organizational Changes.

New Customizing Activities and Updated Structure in Customizing

New Customizing activities are available to help you prepare for segment reorganizations. For more information, refer to Preparation Activities for Segment Reorganization.

Additionally, the structure in Customizing has been updated to help you find general preparation activities for organizational changes as well as specific activities for profit center and segment reorganizations.

New Business Add-Ins (BAdIs)

The following new BAdIs are available for organizational changes:

BAdIs for Profit Center Reorganizations	BAdI for Segment Reorganizations
You can use the following new BAdIs to assign new profit centers to fixed assets, service document items and performance obligations: • **Identify Fixed Assets and Assign New Profit Center** • **Identify Service Documents and Assign New Profit Center** • **Identify Performance Obligations and Assign New Profit Center**	For segment reorganizations, you can use the **Reorganize Segments for Open Items without Profit Centers** BAdI.

For more information, refer to Business Add-Ins for Organizational Changes.

Implementation Details

Authorizations

To use the organizational changes feature and its related apps and programs, the following authorization object must be assigned to your user:

Authorization Object	Description
F_ORGLCHG	Use this authorization object to grant authorizations to users who manage organizational changes.

Customizing

When you use the Organizational Changes feature, several configuration activities must be completed first before you can use the related apps and programs. For more information, refer to Configuration Activities for Organizational Changes.

Effects on Existing Data

The reorganization of profit centers and/or segments ensures adjustments of master data and transfer postings for balance sheet items per profit center and segment.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	4PG
Technical Object Names	App ID: F4567 F5487 F7047 F4868
Application Component	FI-GL-OC (*Organizational Changes in Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Organizational Changes in Accounting

Organizational Changes Integration for Revenue Accounting [page 232]
Profit Center Reorganization in Service [page 942]

4.2.1.1 Manage Organizational Changes

Business Details

Now, you can use this app to enter and reorganize sales document items, service document items, and performance obligations. Additionally, when you process an organizational change, you now have the option to process and complete the organizational change in one step.

Implementation Details

Authorizations

To use the organizational changes feature and its related apps and programs, the following authorization object must be assigned to your user:

Authorization Object	Description
F_ORGLCHG	Use this authorization object to grant authorizations to users who manage organizational changes.

Customizing

When you use the Organizational Changes feature, several configuration activities must be completed first before you can use the related apps and programs. For more information, refer to Configuration Activities for Organizational Changes.

Effects on Existing Data

The reorganization of profit centers and/or segments ensures adjustments of master data and transfer postings for balance sheet items per profit center and segment.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	4PG

Technical Object Names	App ID: F4567
Application Component	FI-GL-OC (*Organizational Changes in Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Organizational Changes (App Description)
Organizational Changes in Accounting [page 194]
Organizational Changes Integration for Revenue Accounting [page 232]
Profit Center Reorganization in Service [page 942]

4.2.1.2 Import Objects for Organizational Change

Business Details

Now, you can use this app import sales document items, service document items, and performance obligations that you want to reorganize. You import these objects from a spreadsheet application using the templates provided.

> **Note**
>
> This app can only be accessed from within the Manage Organizational Changes app.

Implementation Details

Authorizations

To use the organizational changes feature and its related apps and programs, the following authorization object must be assigned to your user:

Authorization Object	Description
F_ORGLCHG	Use this authorization object to grant authorizations to users who manage organizational changes.

Customizing

When you use the Organizational Changes feature, several configuration activities must be completed first before you can use the related apps and programs. For `more` information, refer to Configuration Activities for Organizational Changes.

Effects on Existing Data

The reorganization of profit centers and/or segments ensures adjustments of master data and transfer postings for balance sheet items per profit center and segment.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	4PG
Technical Object Names	App ID: `F5487`
Application Component	`FI-GL-OC` (*Organizational Changes in Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Import Objects for Organizational Change (App Description)
Organizational Changes in Accounting [page 194]

4.2.1.3 Organizational Report - Master Data Hierarchy

Business Details

With this app, you can view objects and master data that were affected by an organizational change. Here, you can analyze the effect of an organizational change and the corresponding reassignment of profit centers and segments for relevant objects. Now, you can view and analyze additional objects.

Now you can view and analyze the following objects in this app:

- Service document items
- Performance obligations
- Profit Center (Only relevant for segment reorganizations)

Implementation Details

Authorizations

To use the organizational changes feature and its related apps and programs, the following authorization object must be assigned to your user:

Authorization Object	Description
F_ORGLCHG	Use this authorization object to grant authorizations to users who manage organizational changes.

Customizing

When you use the Organizational Changes feature, several configuration activities must be completed first before you can use the related apps and programs. For more information, refer to Configuration Activities for Organizational Changes.

Effects on Existing Data

The reorganization of profit centers and/or segments ensures adjustments of master data and transfer postings for balance sheet items per profit center and segment.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	4PG
Technical Object Names	App ID: F4868
Application Component	FI-GL-OC (*Organizational Changes in Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Organizational Change Report - Master Data Hierarchy (App Description)
Organizational Changes in Accounting [page 194]

4.2.1.4 Organizational Report - Master Data Lists

Business Details

With this app, you can view objects and master data that were affected by an organizational change. Here, you can analyze the effect of an organizational change and the corresponding reassignment of profit centers and segments for relevant objects. Now, you can view and analyze additional objects.

Now you can view and analyze the following objects in this app:

- Service document items
- Performance obligations
- Profit Center (Only relevant for segment reorganizations)

Also, the following new CDS views are available for this app:

CDS View Name	Description
I_ProfitCenterToREContract	Assignment of Profit Center to Real Estate Contract
I_ProfitCenterToDeliveryItem	Assignment of Profit Center to Delivery Item
I_SegmentToProfitCenter	Assignment of Segment to Profit Center
I_OrglChangeSettlmtRule	Adjustments of Settlement Rules

Implementation Details

Authorizations

To use the organizational changes feature and its related apps and programs, the following authorization object must be assigned to your user:

Authorization Object	Description
F_ORGLCHG	Use this authorization object to grant authorizations to users who manage organizational changes.

Customizing

When you use the Organizational Changes feature, several configuration activities must be completed first before you can use the related apps and programs. For more information, refer to Configuration Activities for Organizational Changes.

Effects on Existing Data

The reorganization of profit centers and/or segments ensures adjustments of master data and transfer postings for balance sheet items per profit center and segment.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	4PG
Technical Object Names	App ID: `F7047`
Application Component	`FI-GL-OC` (*Organizational Changes in Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Organizational Change Report - Master Data Lists (App Description)
Organizational Changes in Accounting [page 194]
CDS Views for Organizational Changes [page 202]

4.2.1.5 CDS Views for Organizational Changes

Business Details

In the **Organizational Change Report - Master Data Lists** app, you can view objects that were affected by an organizational change in a list view. In this list view, you can analyze all objects by profit center and search for specific objects. Now, this app uses some new CDS Views.

The following new CDS views are available for this app:

CDS View Name	Description
I_ProfitCenterToREContract	Assignment of Profit Center to Real Estate Contract

CDS View Name	Description
I_ProfitCenterToDeliveryItem	Assignment of Profit Center to Delivery Item
I_SegmentToProfitCenter	Assignment of Segment to Profit Center
I_OrglChangeSettlmtRule	Adjustments of Settlement Rules

Implementation Details

Authorizations

To use the organizational changes feature and its related apps and programs, the following authorization object must be assigned to your user:

Authorization Object	Description
F_ORGLCHG	Use this authorization object to grant authorizations to users who manage organizational changes.

Customizing

When you use the Organizational Changes feature, several configuration activities must be completed first before you can use the related apps and programs. For more information, refer to Configuration Activities for Organizational Changes.

Effects on Existing Data

The reorganization of profit centers and/or segments ensures adjustments of master data and transfer postings for balance sheet items per profit center and segment.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	4PG
Technical Object Names	CDS Views: I_ProfitCenterToREContract I_ProfitCenterToDeliveryItem I_SegmentToProfitCenter I_OrglChangeSettlmtRuleTrace

Application Component	`FI-GL-OC` (*Organizational Changes in Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Organizational Report - Master Data Lists [page 201]
Organizational Changes in Accounting [page 194]

4.2.2 General Ledger Accounting

4.2.2.1 Accounting Enhancements for Banks

4.2.2.1.1 Average Daily Balances

4.2.2.1.1.1 Calculation of Key Figures

Business Details

With this feature, you can calculate the following additional key figures using the *Calculate Key Figures* (GADBKFC) report:

- Prior Month Average Monthly Balance
- Prior Month Average Yearly Balance
- Prior Month Year-to-Date Balance

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`

Application Component	`Average Daily Balance` (*FI-GL-GL-ADB*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Calculate Key Figures

4.2.2.1.2 Multi Currency Accounting

4.2.2.1.2.1 Depreciation Area for IFX and FAR

Business Details

With this feature, you can specify depreciation area as an additional selection criteria while executing the following MCA processes:

- Currency Reclassification (IFX)
- Restatement (FAR)

> **Note**
>
> This feature is available as of:
>
> - SAP S/4HANA Cloud Private Edition 2025 and SAP S/4HANA 2025
> - SAP S/4HANA Cloud Private Edition 2023 SP04 and SAP S/4HANA 2023 SP04
> - SAP S/4HANA Cloud Private Edition 2022 SP06 and SAP S/4HANA 2022 SP06

Implementation Details

If you do not specify any depreciation area, the system uses depreciation area 01 as the default. However, you can specify other depreciation areas, for example, the depreciation area 70 can be used for local ledger scenarios. At a time, only one depreciation area can be specified; therefore, in cases where different depreciation areas are assigned to the leading and local ledgers, it is recommended to run the program with different variants, specifying the respective depreciation area.

Effects on Existing Data

The selection screens of *Reclassify Currencies* (`GMCA_IFX`) and *Restate Non-Functional Currencies* (`GMCA_FAR`) transactions have been enhanced with a new field '*Depreciation Area*'.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FI-GL-CU-MCA` (*Multi Currency Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Restate Non-Functional Currencies
Reclassify Currencies (IFX)

4.2.2.2 Changes in Balance Validation

Business Details

Balance validation can be used to verify data completeness, correctness, and compliance based on user-defined rules during period-end close of a business entity. The following balance validation apps are enhanced to improve functionality and usability:

- *Manage Balance Validation Rules and Groups* (ID: `F6386`)
- *View Balance Validation Results* (ID: `F6387`)

Implementation Details

In *Manage Balance Validation Rules and Groups*, the following enhancements are made:

- Six group-by fields are now available instead of three. The group-by fields are applied sequentially in the validation result.

- New operand *Closing Balance for Previous Year* is available for aggregating relevant line items of all fiscal periods of previous year.
- *QTD: Quarter-To-Date* amount measures are now available for defining operands in validation rules in addition to YTD and periodic amount measures. This enables quarter-on-quarter data analysis in validation results.
- When using *Import Nodes* to add rule group nodes, you can choose to referencing other rule group nodes by selecting *Auto Update from Source*. In this way, the imported nodes get updated automatically when the source nodes (referenced nodes) are changed.

In *View Balance Validation Results*, the following enhancements are made:

- In the validation results list, for each validation run, **failed/total ratio**, **result percentages** and a **stacked bar chart** are added, which provide insights into numbers of rule-specific results.
- Detailed result page of compound rules is redesigned:
  - Rule formula is moved to header area next to the rule-level result.
  - Color codes are applied to indicate different results of the basic rules that form the compound rule.
- When you export the result detail table of a rule, any comments added to the result are now included in the exported spreadsheet.

The following enhancements for comments on balance validation rules are relevant for both apps:

- For validation results with the *Success* status, comments are no longer required to provide further explanation in the *View Balance Validation Results* app, even if the *Comment Required* checkbox was selected when creating rules in the *Manage Balance Validation Rules and Groups* app. The commenting status is no longer shown as *Missing* for successful validations.
- Comments made by an individual can only be deleted by the same person. They are no longer editable by others.

Authorizations

To enable users to access the *Manage Balance Validation Rules and Groups* app (ID: F6386), their business users need to have at least one of the following business catalogs assigned: *General Ledger - Validation Configuration* (`SAP_SFIN_BC_GL_VAL_CONF`) or *General Ledger - Validation Result* (`SAP_SFIN_BC_GL_VAL_RESULT`).

To enable users to access the *View Balance Validation Results* app (ID: F6387), their business users need to have the following business catalog assigned: *General Ledger - Validation Results* (`SAP_SFIN_BC_GL_VAL_RESULT`).

SAP delivers the *General Ledger Accountant* (`SAP_BR_GL_ACCOUNTANT`) business role template for your reference.

Technical Details

Type	Changed
Functional Localization	Not applicable

Scope Item	J58 (Accounting and Financial Close), O58 (Accounting and Financial Close)
Technical Object Name	App ID: `F6386` and `F6387`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Application Component	`FI-FIO-VE` (*Validation Engine Framework*)
Valid as Of	2025

Related Information

Balance Validation
Manage Balance Validation Rules and Groups
View Balance Validation Results

4.2.2.3 AI-Assisted Journal Upload

Business Details

With this feature, you can use generative AI technologies to simplify the process of creating journal entries. It streamlines the process by using policy documents and transaction data to generate journal entry proposals automatically. This reduces manual effort and improves accuracy during period-end financial processing.

You can upload posting policy documents in spreadsheet or PDF format and transaction data in spreadsheet format. The system uses AI to interpret the policy instructions and generate journal entry proposals based on the uploaded transaction data. You can review the generated journal entry proposals, fill in missing information, and modify incorrect entries. The system supports mass editing of proposals. You can download proposals as spreadsheet files, make changes offline, and upload them back into the system. You can trigger the validation process, and the system validates the entries. You can then submit the proposals for approval. You can configure and manage approval workflows for journal upload cases. Once approved, you post the journal entries to the system. You can automate the reversal of journal entries that were posted by scheduling reversal jobs. If the job fails, you can still reverse the journal entries manually.

The following Fiori applications are available:

- *Manage Journal Posting Policies* (App ID: F8539): Upload and manage journal posting policies.
- *Manage Journal Upload Cases* (App ID: F8538): Manage journal upload cases, upload transaction data, generate proposals, edit proposals, validate proposals, submit for approval, post journal entries, and reverse journal entries.
- *Manage Workflows for Journal Case* (App ID: F8853): Configure and manage approval workflows for journal upload cases.
- *Schedule Reversal of Case-Based Journal Entries* (App ID: F8797): Schedule reversal jobs for journal entries created from a journal upload case.

> **Note**
>
> This function uses generative artificial intelligence (AI). Always validate information extracted using generative AI before using it for critical applications.

Implementation Details

Authorizations

To use this feature, you must have the business role SAP_BR_GL_ACCOUNTANT assigned.

In AI-assisted Journal Upload, the following authorization objects are essential for setting up user access to the relevant data:

- F_JRNLPLCY (*Manage Journal Policy Documents*): Determines if a user can create or generate, change, display or delete journal posting policies based on values defined for the authorization field ACTVT. It also determines if a user can access specific case categories and case subcategories, if required, based on values defined for the authorization fields CASE_CAT and CASESUBCAT.
- F_JRNLCASE (*Manage Journal Case Documents*): Determines if a user can create or generate, change, display, delete or post journal cases based on values defined for the authorization field ACTVT. It also determines if a user can access specific case categories and case subcategories, if required, based on values defined for the authorization fields CASE_CAT and CASESUBCAT.
- S_ISM_INFR (*Intelligent Scenario Lifecycle Management*): Determines if a user can execute the AI-assisted Journal Upload feature based on the following values defined for its contained authorization fields:
  - ACTVT: 16 (*Execute*)
  - ISLM_PR_SC: FIN_INTLGNT_JRNLUPLD
- S_APPL_LOG (*Application Log*): Determines if a user can view the different application logs based on the following values defined for its contained authorization fields:
  - ACTVT: 03 (*Display*)
  - ALG_OBJECT: FINIJU_APPLOG
- S_START (*Start Authorization Check for TADIR Objects*): Specify the following values for its contained authorization fields:
  - For *Manage Journal Posting Policies* app:
    - AUTHPGMID: R3TR
    - AUTHOBJTYPE: G4BA (*SAP Gateway OData V4 Backend Service Group & Assignments*)
    - AUTHOBJNAM: JOURNALCASEPOSTINGPOLICY
  - For *Manage Journal Upload Cases* app:
    - AUTHPGMID: R3TR
    - AUTHOBJTYPE: G4BA (*SAP Gateway OData V4 Backend Service Group & Assignments*)
    - AUTHOBJNAM: JOURNALCASE
  - For *Schedule Reversal of Case-Based Journal Entries* app:
    - AUTHPGMID: R3TR
    - AUTHOBJTYPE: SAJC (*Application Job Catalog Entry*)
    - AUTHOBJNAM: SAP_FIN_JE_IJU_CASE_REVERSAL
- S_SERVICE (*Check at Start of External Services*): Specify the following values for its contained authorization fields:

- SRV_NAME:
  - R3TR IWSV I_JOURNALCASEWORKFLOWVH 0001
  - R3TR IWSV JOURNALCASEMYINBOX_V2 0001
  - R3TR IWSV ESH_SEARCH_SRV 0002
  - R3TR IWSV ESH_SEARCH_SRV 0001

  > **Note**
  >
  > To update the SRV_NAME field:
  > 1. Go to the table USOBHASH.
  > 2. Enter the object names as I_JOURNALCASEWORKFLOWVH 0001, JOURNALCASEMYINBOX_V2 0001, ESH_SEARCH_SRV 0001, ESH_SEARCH_SRV 0002 in the OBJ_NAME table field and choose *Execute*.
  > 3. Get the value from the *Name* field and enter it in the SRV_NAME field.

  - SRV_TYPE: Hash value for TADIR object
- S_WFFLXDEF (*Workflow: Flexible Workflow Definition*): Specify the following values for its contained authorization fields:
  - APPL_COMP: FI-GL-AI-IJU
  - SWFFLEXSCN: WS31000033
  - ACTVT: All activities

Customizing

Two new Customizing activities, *Define Journal Upload Case Categories* and *Define Journal Upload Case Subcategories*, are available in Customizing for *Financial Accounting* under *Financial Accounting Global Settings* > *Document*.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: F8539 F8538 F8853 F8797
Application Component	FI-GL-AI-IJU (*AI Assisted Manual Journal Upload*)

Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

AI-Assisted Journal Upload
Manage Journal Posting Policies
Manage Journal Upload Cases
Manage Workflows for Journal Case
Schedule Reversal of Case-Based Journal Entries

4.2.2.3.1 Mass Edit Feature for Editing Journal Entry Proposals

Business Details

You can now make bulk updates to journal entry proposals using the new mass edit feature in the *Manage Journal Upload Cases* app. Instead of editing each entry individually, you can choose the *Download Proposal* button to export the current proposal as a spreadsheet file. Make your changes offline, such as correcting values or adding new entries, and then upload the updated file back into the system using the *Upload Proposal* button.

The system will validate the file format, check for master data consistency (e.g., Company Code, Currency, Cost Center), and regenerate the proposal based on your edits. You can view the results of these validations in the *Application Log*, which provides detailed messages to help you identify and resolve any issues. This feature is especially useful when working with large volumes of data, helping you streamline corrections, reduce manual effort, and ensure accuracy before posting.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F8538`
Application Component	`FI-GL-AI-IJU` (*AI Assisted Manual Journal Upload*)

Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

AI-Assisted Journal Upload
Manage Journal Upload Cases

4.2.2.3.2 Approval for Journal Upload Cases

Business Details

You can now submit journal upload cases for approval before posting by using the *Submit for Approval* button in the *Manage Journal Upload Cases* (App ID: F8538) app. To do this, you need to configure and manage approval workflows for journal upload cases using the new *Manage Workflows for Journal Case* (App ID: F8853) app. The button becomes active only when a valid and active workflow is configured. This feature helps you streamline the review and approval process before journal upload cases are posted, ensuring better control and compliance.

With the *Manage Workflows for Journal Case* app, you can configure single or multi-step workflows that assign approval tasks based on case categories and subcategories. You can set start conditions and configure responsible teams. You decide when a workflow should start, who should approve it, and whether the case should be posted automatically after approval. Approvers receive tasks in their *My Inbox* app, where they can review, approve, or reject proposals. This ensures that journal entries are validated by the right people at the right time, improving accountability and reducing manual coordination.

To support this new approval workflow for journal upload cases, a new Function `FGLJCV` and Team Category `FGLJCV` are now available. These additions help you define and manage responsibilities more effectively by assigning specific roles, such as approver, evaluator, or reviewer, to users involved in the workflow. You can configure these in the *Manage Teams and Responsibilities* app. This setup ensures that approval tasks are routed to the right people, enabling a more structured, auditable, and scalable workflow process.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable

Technical Object Name	App ID:
	`F8853`
	`F8538`

Application Component	`FI-GL-AI-IJU` (*AI Assisted Manual Journal Upload*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

AI-Assisted Journal Upload
Manage Workflows for Journal Case
Manage Journal Upload Cases

4.2.2.3.3 Schedule Reversals for Case-Based Journal Entries

App ID: F8797

Business Details

You can now use the *Schedule Reversal of Case-Based Journal Entries* app to automatically reverse journal entries created from a journal upload case. This helps you manage corrections more efficiently by scheduling reversal jobs based on predefined dates and reasons.

When a journal upload case includes a reversal reason and date, the system flags it for reversal. You can then use this app to run the reversal job at the right time. If the job fails, you can still reverse the entry manually using the new *Reverse* button in the *Manage Journal Upload Cases* (App ID: F8538) app. This feature helps reduce manual effort and ensures timely financial adjustments.

Technical Details

Type	New
Functional Localization	Not applicable

Scope Item	Not applicable
Technical Object Name	App ID: F8797 F8538
Application Component	FI-GL-AI-IJU (*AI Assisted Manual Journal Upload*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

AI-Assisted Journal Upload
Schedule Reversal of Case-Based Journal Entries
Manage Journal Upload Cases

4.2.2.3.4 Upload Posting Policy Documents in PDF Format

Business Details

You can now upload posting policy documents in PDF format, in addition to spreadsheet format, while creating journal posting policies. This new option helps ensure consistency and reduces formatting errors during data entry. In the *Manage Journal Posting Policies* app, when you upload a PDF, the system automatically validates its structure, extracts instructions, and processes them just like spreadsheet files.

A template PDF file is available for you to use. This template is an interactive PDF and you'll need Adobe Acrobat Reader 5.1 or later to open the interactive PDF. This format reduces errors and ensures consistency, as it restricts changes to the document structure. You can download this template from the attachments section of the SAP Note 3651365.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable

Technical Object Name	App ID: `F8539`
Application Component	`FI-GL-AI-IJU` (*AI Assisted Manual Journal Upload*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

AI-Assisted Journal Upload
Manage Journal Posting Policies

4.2.2.3.5 AI Interpretation Log in Manage Journal Posting Policies App

Business Details

You can now view how AI interprets your posting policy instructions using the *AI Interpretation Log* in the *Manage Journal Posting Policies* app. This log displays AI-extracted information from the policy document, including interpreted operations and their corresponding values.

The log displays the extracted instructions from your uploaded spreadsheet or PDF policy document, along with the corresponding AI-determined actions and parameters. Using this log, you can manage and adjust your posting policies to align with your business rules. If the AI cannot interpret the required actions, the policy activation will not proceed.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F8539`
Application Component	`FI-GL-AI-IJU` (*AI Assisted Manual Journal Upload*)
Availability	SAP S/4HANA Cloud Private Edition

Valid as Of	2025

Related Information

AI-Assisted Journal Upload
Manage Journal Posting Policies

4.2.2.3.6 Set Valid To Dates for Journal Posting Policies

Business Details

You can now manually define the *Valid To* date when creating or editing a journal posting policy in the *Manage Journal Posting Policies* (App ID: F8539) app. Previously, this date was automatically calculated based on existing active policies for the same case category and case subcategory. The system ensures that no overlapping validity periods exist for policies with the same case category and case subcategory, giving you more control over policy timelines.

The system now also allows gaps between active policies. If a gap exists, you can either adjust the *Valid From* and *Valid To* dates of an existing policy or create a new policy to cover the gap. However, once a journal upload case has been created for a policy, you cannot change the *Valid From* and *Valid To* dates of that policy.

When deleting a journal posting policy, the system now displays a confirmation message to help you avoid gaps in policy coverage. The message advises you to review and adjust other policies if needed before proceeding, ensuring continuous validity periods for policies with the same case category and case subcategory. You can either extend the dates of other policies or create a new one to maintain continuous coverage. However, once a journal upload case has been created for a policy, you cannot delete that policy.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F8539`
Application Component	`FI-GL-AI-IJU` (*AI Assisted Manual Journal Upload*)
Availability	SAP S/4HANA Cloud Private Edition

Valid as Of	2025

Related Information

AI-Assisted Journal Upload
Manage Journal Posting Policies

4.2.2.3.7 Refresh Button in "Manage Journal Posting Policies" and "Manage Journal Upload Cases" Apps

Business Details

You can now use the new *Refresh* button in both the *Manage Journal Posting Policies* (App ID: F8539) and *Manage Journal Upload Cases* (App ID: F8538) apps to instantly update your view with the latest data. This ensures that any updates, such as new uploads, status changes, or background job results, are reflected in real time without needing to navigate away or reload the page.

In the *Manage Journal Posting Policies* app, the *Refresh* button helps you verify the status of uploaded policy documents or view changes made by other users. In the *Manage Journal Upload Cases* app, it allows you to see the most recent case updates, including proposal generation results, approval status, or reversal outcomes.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable

Technical Object Name	App ID:
	`F8539`
	`F8538`

Application Component	`FI-GL-AI-IJU` (*AI Assisted Manual Journal Upload*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

AI-Assisted Journal Upload
Manage Journal Posting Policies
Manage Journal Upload Cases

4.2.2.3.8 Master Data Validation in Manage Journal Upload Cases App

Business Details

When you upload the transaction data in the *Manage Journal Upload Cases* app, the system now validates key master data, such as Company Code, Currency, and Cost Center, right at the time of upload. If any of these values are invalid or missing, the system immediately stops the upload and displays an error message.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F8538`
Application Component	`FI-GL-AI-IJU` (*AI Assisted Manual Journal Upload*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

AI-Assisted Journal Upload
Manage Journal Upload Cases

4.2.2.3.9 Enhanced Search Capabilities in Manage Journal Upload Cases App

Business Details

You can now search for a journal upload case using the Journal Entry ID or the Posting Policy ID in the *Manage Journal Upload Cases* app. These enhancements help you quickly trace a posted journal entry back to its originating case or find all cases linked to a specific policy.

You can enter the journal entry ID in the *Journal Entry ID* search field, and the system retrieves the associated journal case, allowing you to view its details. You can enter the posting policy ID in the **Posting Policy** search field or the general search field, and the system retrieves all the associated journal upload cases that reference the specified policy.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F8538`
Application Component	`FI-GL-AI-IJU` (*AI Assisted Manual Journal Upload*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

AI-Assisted Journal Upload
Manage Journal Upload Cases

4.2.2.3.10 Enhanced Application Log in "Manage Journal Posting Policies" and "Manage Journal Upload Cases" Apps

Business Details

The *Manage Journal Posting Policies* (App ID: F8539) and *Manage Journal Upload Cases* (App ID: F8538) apps now include enhanced application logging to give you better visibility into background processes. You can access the logs in the *Application Log* section of the apps.

In the *Manage Journal Posting Policies* app, when you upload a policy document and activate the posting policy, the system logs detailed messages, including errors, warnings, and success confirmations at each step. In the *Manage Journal Upload Cases* app, when you are generating proposals, validating, or posting journal upload cases, the system logs detailed messages, including errors, warnings, and success confirmations at each step.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable

Technical Object Name	App ID:
	`F8539`
	`F8538`

Application Component	`FI-GL-AI-IJU` (*AI Assisted Manual Journal Upload*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

AI-Assisted Journal Upload
Manage Journal Posting Policies
Manage Journal Upload Cases

4.2.2.3.11 Change Log in "Manage Journal Posting Policies" and "Manage Journal Upload Cases" Apps

Business Details

The *Manage Journal Posting Policies* (App ID: F8539) and *Manage Journal Upload Cases* (App ID: F8538) apps now include a change log that automatically records all user inputs and updates made during creation and editing of policies or cases. You can access the change log directly within the apps under the *Change Log* section.

In the *Manage Journal Posting Policies* app, each time you save a policy, the system captures the changes and makes them available for viewing. In the *Manage Journal Upload Cases* app, each time you save a journal upload case, the system records the changes automatically and makes them available for viewing.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable

Technical Object Name	App ID:
	`F8539`
	`F8538`

Application Component	`FI-GL-AI-IJU` (*AI Assisted Manual Journal Upload*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

AI-Assisted Journal Upload
Manage Journal Posting Policies
Manage Journal Upload Cases

4.2.2.3.12 Change in Placement of Buttons in Manage Journal Upload Cases App

Business Details

The *Discard Proposal*, *Validate Proposal*, and *Post* buttons in the *Manage Journal Upload Cases* app are now relocated. Previously positioned at the top of the screen, these actions are now available directly within the *Journal Entries* section of the screen.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F8538`
Application Component	`FI-GL-AI-IJU` (*AI Assisted Manual Journal Upload*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

AI-Assisted Journal Upload
Manage Journal Upload Cases

4.2.2.3.13 Deprecation of Intelligent Scenario FIN_INTLGNT_JEUPLD

Business Details

The Intelligent Scenario Lifecycle Management (ISLM) scenario `FIN_INTLGNT_JEUPLD` is deprecated due to the availability of improved successor scenarios. Instead, you should use the new Intelligent Scenario `FIN_INTLGNT_JRNLUPLD` for the AI-assisted Journal Upload feature.

For more information, refer to SAP Note 3631989.

Technical Details

Type	Deprecated
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`FI-GL-AI-IJU` (*AI Assisted Manual Journal Upload*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

AI-Assisted Journal Upload

4.2.3 B/S Reclassification Uses Reversal Posting Logic

Business Details

With this feature, all future B/S reclassification postings in the Schedule General Ledger Jobs app will use the reversal logic instead of delta posting. That means that the postings that B/S reclassification are posted back to the account where the amount of the invoice was initially posted on the reversal date.

If you are a new customer or you are starting to use *Post B/S Reclassification* with this release, use it with reversal posting logic.

If you are an existing customer and you have executed *Post B/S reclassification*, it was set up to run with delta posting logic up to now. SAP advises to start planning to switch to reversal posting logic. Before you can use *Post B/S Reclassification* with reversal posting logic, you have to migrate your data.

SAP recommends to start using the reversal posting logic in *Post B/S Reclassification* with the start of a new fiscal year.

Implementation Details

This *feature* will not automatically be available in your system but requires that you activate the **feature** *Use Reversal Posting Logic for B/S Reclassification* (FINS_FI_CLS_REC_REVERSAL) in the configuration activity *Activate Features*. For more information see

For more information, see Activate Features.

To Migrate Existing Postings (If you are already using Post B/S Reclassification):

1. In transaction SE38, run the program **FINS_CLS_REC_MIG_RUN**.
2. On the selection screen, enter the required parameters: **Company Code**, **Ledger**, and **Migration Key Date**. Run the migration as a **Test Run** first.
3. If the test run results are correct, re-run the report in **Update Run** mode to complete migration.

Changes to the User Interface:

In the *Post B/S Reclassification* job template the following fields for reversal are displayed :

- *Reversal Date for Valuation Run*
- *Reversal Date*
- *Dynamic Date*
- *Dynamic Reversal Date for Reclassification*

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	J58
Technical Object Name	Not Applicable
Application Component	`FI-GL-GL-G` (*Closing Operations/Period-End*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Migrate B/S Reclassification Postings to Reversal Posting Logic
REFCONT: What's New SAP S/4HANA Cloud Public Edition - Activate Features

4.2.4 Asset Accounting

4.2.4.1 Depreciation Calculation Automatic Prevention of Specific Small Difference Amounts

Business Details

Until now, small differences could occur in rare specific cases during depreciation calculation. In future, these will be prevented from the outset.

If the useful life ends within a fiscal year, the depreciation calculation splits the fiscal year into a time segment before and a time segment after the end of the useful life. The depreciation is calculated separately for these two time segments. The separate handling of these time segments is required particularly in cases where the calculation ends after the end of the useful life or the calculation method changes after the end of the useful life.

However, in some countries, for example, in Japan, the depreciation calculation often **does not** end at the end of the useful life during the year and **no** change of the calculation method after the end of the useful life is required.

In such cases, a small difference could previously occur during the depreciation calculation: Depending on whether the calculation was based on two time segments for the fiscal year (previous system behavior) or only one time segment. This difference occurred because rounding must be performed separately for each time segment. As a rule, however, the difference amount does **not** exceed a rounding unit.

A difference occurred mainly where currencies are used that **do not** have decimal places (for example, in Japan).

To prevent such difference amounts, the previous system behavior changes as follows: In the case of an end of useful life during the year and a depreciation without a method change beyond the end of the useful life, the depreciation calculation now uses a single time segment for the entire fiscal year.

Implementation Details

Effects on Existing Data

If you have fixed assets that correspond to the description mentioned above, their planned depreciation can differ slightly from the planned depreciation **before** the release upgrade **after** the release upgrade.

Technical Details

Type	Changed
Functional Localization	No localization

Scope Item	J62
Technical Object Name	Transaction AFAR
Application Component	*Anlagenbuchhaltung* (FI-AA)
Availability	SAP S/4HANA und SAP S/4HANA Cloud Private Edition
Valid as Of	2025

More Information

For more information about depreciation calculation, see the application help (product assistance) for Asset Accounting under Depreciation.

4.2.4.2 BAdI FAA_DC_CUSTOMER: Methods for Investment Support Check and Depreciation to the Day

Business Details

You can use this Business Add-In (BAdI) FAA_DC_CUSTOMER to influence the depreciation calculation according to your requirements. As of release SAP S/4HANA 2025, two additional interface methods are available for this.

The new interface methods are `CHECK_INVESTMENT_SUPPORT` and `SET_TRANSACTION_DAY_USE`. You can use these as follows:

Interface Method: Technical Name	Interface Method: Description	Use
`CHECK_INVESTMENT_SUPPORT`	*Perform Investment Support Check?*	In the standard system, various parameters from the configuration are checked when an investment support is posted. For example, the system checks whether the investment support exceeds the APC amount from the base depreciation area or the maximum amount. You can use this interface method to switch off the check. You may want to do this, for example, because you want to allow certain investment support to be posted to assets that **do not** yet have acquisition values.
`SET_TRANSACTION_DAY_USE`	*For depreciation to the day: Calculation on retirement date?*	If you use depreciation to the day, by default the system calculates depreciation as follows when you post a retirement, a retirement as part of a transfer, and also for a revaluation: The depreciation is no **longer** calculated for the retirement date. However, if the retirement date falls at the end of the fiscal year, the depreciation is written off completely (including this day). You can use this interface method to specify whether the system is to proceed differently from the standard system when calculating depreciation.

Implementation Details

Effects on Existing Data

If the new interface methods are applied to existing assets, this can lead to new values for those assets. Therefore, as soon as your BAdI implementation is active in the production system, you must recalculate depreciation.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	`J62`; `1GB`
Technical Object Name	BAdI `FAA_DC_CUSTOMER`
Application Component	*Asset Accounting* (`FI-AA`)
Availability	SAP S/4HANA und SAP S/4HANA Cloud Private Edition
Valid as Of	2025

More Information

For more information, see the BAdI and method documentation in the system.

4.2.5 Revenue Accounting and Reporting

4.2.5.1 Migration from the Service Sender Component

Business Details

Customers already using Service but who have not yet integrated it with Revenue Accounting (RAR) can use the operational load transaction *Service: Revenue Accounting Operational Load* (`CRM_SRV_REVACC_OL`) to streamline the initial data import for RAR. In this way, all released service contracts and service orders will have their revenue accounting items (RAIs) newly generated, enabling the creation of revenue accounting contracts.

Operational Load: The operational load of data from Service is performed with transaction *Service: Revenue Accounting Operational Load* (`CRM_SRV_REVACC_OL`). It creates postponed RAIs with postponement reason `I` (*Initial Load*).

Initial Load: Once the operational load is complete, you can run the initial load program *Process Initial Load RAIs and Create Contracts* (`FARR_INB_INIT_LOAD`).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	Not applicable
Application Component	`FI-RA` (*Revenue Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Service
Operational Load in Service
Integration with Service

4.2.5.2 Migration to Revenue Accounting in a Distributed Scenario

Business Details

In a distributed system scenario, it is beneficial to complete the operational load from all involved operational systems before starting the creation of revenue accounting contracts. This ensures that all revenue accounting items, created in different operational systems, are available and will be considered when combining them into the contracts. In the SAP Sales and Distribution operational load transactions `FARRIC_OL` and `FARRIC_OL_EXPERT`, in the Convergent Invoicing (CI) Revenue Accounting Transfer transaction (`FP_RAI_TRANSF`), and in the operational load application programming interface (API) for third-party systems `FARR_INBOUND_EXT_MIGRATION_API` you now have the option to postpone contract creation in Revenue Accounting and Reporting.

If you choose to use this option, the operational load will be performed, but the revenue accounting items (RAIs) will not be processed immediately. Instead, they will be postponed with the postponement reason *Initial Load*.

When the operational load for all involved operational systems has been completed, you can start the initial load transaction `FARR_INB_INIT_LOAD` to create RAR contracts. This program picks up all revenue accounting items with the postponement reason *Initial Load* and processes them.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	Not applicable
Application Component	`FI-RA` (*Revenue Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Migration
Postpone RAR Contract Creation

4.2.5.3 Copy Historical Data from Revenue Accounting Classic During Migration

Business Details

If you are currently using Revenue Accounting and Reporting Classic (CCM) and decide to switch to Revenue Accounting and Reporting Optimized (OCM), you now have the option to transfer some of the data from Classic RAR to the newly created RAR contracts through the migration process.

When you select the new parameter *Copy Historical Data from Classic RAR* in the operational load transactions `FARRIC_OL` and `FARRIC_OL_EXPERT` or in the initial load transaction `FARR_INB_INIT_LOAD`, the program copies the following data from CCM contracts and performance obligations (POBs) that are associated with the same source documents:

- Start date
- End date
- Stand-alone selling price
- Effective quantity (for event-based POBs)
- Allocated amount
- Completion date
- Cumulative distributed invoice amounts and exchange rate differences
- Recognized revenue

The previous report for the migration from Classic Contract Management to Optimized Contract Management, as described in the SAP Note 2881057 *Migration from Classic Contract Management to Optimized Contract Management*, will no longer be relevant and is therefore not recommended for use anymore.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	Not applicable
Application Component	`FI-RA` (*Revenue Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Migration
Copy Historical Data from Classic RAR Contracts

4.2.5.4 Improved Error Handling for Order Revenue Accounting Items

Business Details

This feature improves the error handling process in Optimized Inbound Processing (OIP) for order revenue accounting items (RAIs). If any RAIs with errors are found during processing, they are postponed together with other revenue accounting items that share the same reference ID and type.

Previously, only the incorrect revenue accounting items were postponed in the Inbound Processing (Optimized) system. However, other revenue accounting items with the same reference ID and type as the incorrect ones were still processed by the Optimized Contract Management OCM engine. This behavior has now been changed.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	Not applicable
Application Component	`FI-RA` (*Revenue Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.2.5.5 Organizational Changes Integration for Revenue Accounting

Business Details

Revenue Accounting and Reporting (RAR) now offers integration with the *Organizational Changes* feature, which facilitates a streamlined process for managing profit center changes across business objects within an organization.

In the context of organizational changes involving **SAP Sales and Distribution**, any modifications to **profit centers** within key elements (such as sales order items) automatically initiate updates to corresponding performance obligations (POBs) in RAR. Furthermore, the system identifies necessary adjustments for balance sheet entries that must be realigned with the new profit center, subsequently generating correction postings to accommodate these organizational changes. POB IDs for linked and manually created POBs that do not have an association with a sales order item can be captured using the *Manage Organizational Changes* app, specifically on the *Performance Obligation* tab.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	Not applicable

Application Component	`FI-RA` (*Revenue Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Organizational Changes in Accounting
Further Details about Dependent Objects
Organizational Changes Integration

4.2.5.6 Exempt and Delete Postponed Revenue Accounting Items

Business Details

Postponed revenue accounting items (RAIs) with persistent errors, missing original documents, or failed assertions can now be exempted and excluded from reprocessing. These enhancements provide greater flexibility and control over the management of postponed RAIs within the system.

You can make the following changes:

- Exemption of postponed RAIs: You can exempt postponed RAIs using the SAP Fiori app *Manage Revenue Accounting Items*. Exempted RAIs can be either restored for reprocessing or deleted permanently.
- Restoring RAIs: To restore exempted RAIs for reprocessing, you also use the SAP Fiori app *Manage Revenue Accounting Items*.
- Deleting exempted RAIs: To permanently delete exempted RAIs, use the SAP Fiori app *Delete Revenue Accounting Items* or transaction *Delete Exempted Revenue Accounting Items* (`FARR_INB_DEL_EXM_RAI`).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)

Technical Object Name	App ID:
	`F8667`
	`F4270`
	Transaction: `FARR_INB_DEL_EXM_RAI`

Application Component	`FI-RA` (*Revenue Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Revenue Accounting Items
Exempting Revenue Accounting Items
Restoring Revenue Accounting Items
Delete Revenue Accounting Items

4.2.5.7 Business Reconciliation Enhancements

Business Details

The new features of the SAP Fiori apps *Run Business Reconciliation* (`F4841`) and *Business Reconciliation* (`F4830`) provide more comprehensive and more detailed reconciliation results. These apps now support the reconciliation of contracts from both classic and optimized Contract Management.

The newly added features entail the following:

- Reconciliation of Classic Contract Management (CCM) contracts is now possible.
- Addition of a list view for performance obligations, complementing the existing contract list views
- Expanded filtering capabilities, including options for the *Contract Management Version* and *Inconsistency* indicators
- New standard views, such as *Balance Sheet View* and *Cost View*, are now available.
- Incorporated Export-to-Excel function for both Contract and Performance Obligation lists

Technical Details

Type	New

Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	App ID: `F4841` App ID: `F4830`
Application Component	`FI-RA` (*Revenue Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Run Business Reconciliation in Background
Business Reconciliation

4.2.5.8 Navigation to Business Partner

Business Details

You can navigate to a business partner and to the corresponding customer details from various Revenue Accounting SAP Fiori apps.

The enhanced navigation options are available for the following SAP Fiori apps:

- `F4424` *Allocated Amount Explanation*
- `F4830` *Business Reconciliation*
- `F4069` *Combine Revenue Contracts*
- `F4423` *Document Flow*
- `F4270` *Manage Revenue Accounting Items*
- `F3883` *Manage Revenue Contracts*
- `F3881` *Manual Fulfillment*
- `F6122` *Manual Spreading*
- `F5014` *Monitor Revenue Contracts*
- `F5448` *Price Allocation*
- `F4272` *Revenue Explanation*
- `F3882` *Revenue Schedule*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	See list above
Application Component	`FI-RA` (*Revenue Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.2.5.9 Display of Field Values and IDs in SAP Fiori Apps

Business Details

The presentation of field values and field IDs in SAP Fiori apps for Revenue Accounting has been standardized. As in other apps in Finance, the ID is now shown before the value in brackets. For example:

- Accounting Principle: **IFRS** (International Financial Reporting Standards)
- Composition: **D** (Distinct)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	Not applicable
Application Component	`FI-RA` (*Revenue Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.2.5.10 Display Profitability Segment in SAP Fiori Apps

Business Details

In the SAP Fiori apps for Revenue Accounting, such as the *Manage Revenue Accounting* app, the profitability segment is now presented as a link that opens the detailed view of the profitability segment assignment. This update aligns the presentation of the profitability segment with other applications in the Finance area. The *Profitability Segment Assignment* view provides extensive information on enterprise structure, product, customer, and account assignment attributes, offering detailed insights into the attributes of the profitability segment.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	Not applicable
Application Component	`FI-RA` (*Revenue Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.2.5.11 Improved Performance of "Manage Revenue Accounting Items" and "Manage Revenue Contracts" SAP FIORI Apps

Business Details

The performance of the *Manage Revenue Accounting Items* and *Manage Revenue Contracts* SAP Fiori apps has been enhanced. When you now launch these apps for the first time, no initial results are loaded, even though default values such as company code and accounting principles are set in the default settings. You first need to provide additional selection data or choose *Go* to get the search and display results.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	App ID: `F3883` App ID: `F4270`
Application Component	`FI-RA` (*Revenue Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.2.5.12 Reference Group ID for Performance Obligations with Start Date Type 4

Business Details

When fulfillments for performance obligations (POBs) with start date type 4 are canceled (for example, through a partial or full return), a cancellation fulfillment is created. For these cancellation fulfillments, the reference group ID is now stored in the fulfillment database table `FARR_D_FULFILLMT`. This enhancement allows you to easily identify which fulfillment has been canceled.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	Not applicable
Application Component	`FI-RA` (*Revenue Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.5.13 Fulfillment by External Percentage of Completion

Business Details

You can fulfill relevant performance obligations (POBs) by the percentage of completion (PoC). In the past, this kind of fulfillment was enabled as manual fulfillment only. Now, a new event type is available for the fulfillment of PoC-based POBs: **Event Type** = `PX` (*Fulfillment by External PoC*). To fulfill POBs with this event type, the sender component must calculate the PoC progress and send a fulfillment revenue accounting item (RAI) with fulfillment information to Revenue Accounting and Reporting (RAR).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	not applicable
Application Component	`FI-RA` (*Revenue Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Event-Based Fulfillment
Fulfillment by Percentage of Completion

4.2.5.14 Fulfillment by Customer-Specific Event Type

Business Details

You can fulfill performance obligations (POBs) with a customer-defined fulfillment event type if the event types provided by SAP standard are not sufficient for your business scenarios and you would like to enhance them. Depending on the sender component, you need to trigger the creation of a fulfillment revenue accounting item (RAI) by a certain event and provide the corresponding fulfillment event type in the fulfillment RAI.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	Not applicable
Application Component	`FI-RA` (*Revenue Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Event-Based Fulfillment
Fulfillment by Custom-Defined Event

4.2.5.15 Enhancement of the "Reprocess Account Determination" Report

Business Details

The report *Reprocess Account Determination* (`FARR_REPROCESS_ACCOUNTS`) has been enhanced to support more selection fields. Up to now, the selection was made solely by using the revenue accounting contract as a mandatory field. With this enhancement, you can select the following main fields:

- *Revenue Contract*
- *Company Code*
- *Accounting Principle*

You need to enter a value in at least one of these fields. Additionally, you can restrict your selection by using the fields *Created By*, *Created On*, *Last Changed By*, and *Last Changed On*, as well as by excluding completed contracts.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	`FARR_REPROCESS_ACCOUNTS`
Application Component	`FI-RA` (*Revenue Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.2.5.16 Business Add-In (BAdI) for the Determination of the Cost Correction Account

Business Details

To enable you to use your own logic to determine the cost correction account, a new Business Add-In (BAdI) *BAdI: Cost Correction Account Derivation* (`FARR_BADI_COST_CORR_ACCT_DERIV`) is now available. This BAdI allows flexible account determination when the standard account determination does not suit your requirements.

Implementation Details

Customizing

You can find this new BAdI in Customizing for Revenue Accounting under *Revenue Accounting* > *Revenue Accounting Postings* > *Business Add-Ins* > *BAdI: Cost Correction Account Derivation*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)

Technical Object Name	Not applicable
Application Component	`FI-RA` (*Revenue Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.2.5.17 Enhancement for Business Add-In (BAdI) "Determine the Price Allocation"

Business Details

The Business Add-In (BAdI) *BAdI: Determine the Price Allocation* (`FARR_BADI_PRICE_ALLOCATION`) has been enhanced with the following fields:

- *Quantity*
- *Quantity Unit*

Implementation Details

Customizing

You can find this BAdI in Customizing for Revenue Accounting under *Revenue Accounting* > *Revenue Accounting Contracts* > *Business Add-Ins* > *BAdI: Determine the Price Allocation*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	Not applicable
Application Component	`FI-RA` (*Revenue Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.2.5.18 Changes to CDS Views

Business Details

Several CDS views have been deprecated, and the successor CDS views have been released.

The CDS views with the technical name ending with "_2" are the successor CDS views.

CDS View Name	Description	Status	Scope Item	Application Component
`I_RATotalOpenRevenueCube`	Remaining Performance Obligations Cube	Deprecated	5 VW (Revenue Accounting)	`FI-RA` (*Revenue Accounting*)
`I_RATotalOpenRevenueCube_2`	Remaining Performance Obligations Cube	Released	5 VW (Revenue Accounting)	`FI-RA` (*Revenue Accounting*)
`C_RATotalOpenRevenueQuery`	Remaining Performance Obligations	Deprecated	5 VW (Revenue Accounting)	`FI-RA` (*Revenue Accounting*)
`C_RATotalOpenRevenueQuery_2`	Remaining Performance Obligations	Released	5 VW (Revenue Accounting)	`FI-RA` (*Revenue Accounting*)
`I_RAPostingItemCube`	Posting Item Cube	Deprecated	5 VW (Revenue Accounting)	`FI-RA` (*Revenue Accounting*)
`I_RAPostingItemCube_2`	Posting Item Cube	Released	5 VW (Revenue Accounting)	`FI-RA` (*Revenue Accounting*)
`C_RAPostingItemQuery`	Disaggregation of Revenue	Deprecated	5 VW (Revenue Accounting)	`FI-RA` (*Revenue Accounting*)
`C_RAPostingItemQuery_2`	Disaggregation of Revenue	Released	5 VW (Revenue Accounting)	`FI-RA` (*Revenue Accounting*)
`I_RAOpenRevenuePerPeriodCube`	Remaining Performance Obligations with Time Bands Cube	Deprecated	5 VW (Revenue Accounting)	`FI-RA` (*Revenue Accounting*)
`I_RAOpenRevenuePerPeriodCube_2`	Remaining Performance Obligations with Time Bands Cube	Released	5 VW (Revenue Accounting)	`FI-RA` (*Revenue Accounting*)
`C_RAOpenRevenuePerPeriodQuery`	Remaining Performance Obligations with Time Bands	Deprecated	5 VW (Revenue Accounting)	`FI-RA` (*Revenue Accounting*)
`C_RAOpenRevenuePerPeriodQry_2`	Remaining Performance Obligations with Time Bands	Released	5 VW (Revenue Accounting)	`FI-RA` (*Revenue Accounting*)

CDS View Name	Description	Status	Scope Item	Application Component
I_RADefrlItemForDspCrcyCube	Recognised Revenue Cube	Deprecated	5 VW (Revenue Accounting)	FI-RA (*Revenue Accounting*)
I_RADefrlItemForDspCrcyCube_2	Recognized Revenue Cube	Released	5 VW (Revenue Accounting)	FI-RA (*Revenue Accounting*)
C_RAYrToDteRecgdRevnQuery	Disaggregation of Recognized Revenue	Deprecated	5 VW (Revenue Accounting)	FI-RA (*Revenue Accounting*)
C_RAYrToDteRecgdRevnQuery_2	Disaggregation of Recognized Revenue	Released	5 VW (Revenue Accounting)	FI-RA (*Revenue Accounting*)

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	See the table above
Application Component	FI-RA (*Revenue Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

CDS View for Master Data
CDS View for Transaction Data

4.2.5.19 Parallel Processing - SHDB PFW Enablement

Business Details

The following reports have been enabled for parallel processing with the SHDB Parallelization Framework (SHDB PFW).

- *Data Validation* (RFARR_PP_CONTRACT_CHECK_START)
- *Productive Cleanup* (FARR_PROD_CLEANUP)
- *Revenue Posting Run* (FARR_REVENUE_POSTING) and *Revenue Repost* (FARR_REVENUE_REPOST)

The previously used Parallel Processing framework (PPF) is no longer used.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	Not applicable
Application Component	FI-RA (*Revenue Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.2.5.20 Enhancement of Deferral Item Table with Fiscal Period Information

Business Details

To improve the performance of analytical applications, the *Deferral Item* table FARR_D_DEFITEM has been enhanced with the following fields:

- *Fiscal Year* (GJAHR)
- *Posting Period* (POPER)
- *Period/Year* (FISCYEARPER)

These fields are filled through a silent data migration report for all existing records in the database. Any newly created records are then entered into these fields directly.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	FARR_D_DEFITEM
Application Component	FI-RA (*Revenue Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.6 Event-Based Revenue Recognition

4.2.6.1 Support for Cost-Based Percentage of Completion for Service Contracts with Service Order Items

Business Details

This feature enables you to assign multiple service order items and confirmation items to a service contract root item of the financial hierarchy. The planned costs and revenues of the service order items in the financial hierarchy contribute to the planned cost and revenue on service contract item level and allow a cost-based percentage of completion (POC) revenue calculation for the service contract item.

The following predefined service order item categories can be assigned to a financial hierarchy service contract item and are supported for revenue recognition:

- Service Items:
  - SRVP: Service Items
  - SBOS: Service Items (Ad Hoc Billing)
  - SFOS: Fixed Price Service Items
- Service Part Items:
  - SRVM: Service Part Items
  - SBOM: Service Part Items (Ad Hoc Billing)
  - SFOM: Fixed Price Service Part Items
- Expense Items:
  - SRVE: Expense Items
  - SBOE: Expense Items (Ad Hoc Billing)
  - SFOE: Fixed Price Expense Items
- Tool Items:
  SRVT: Tool Items

A financial hierarchy service contract item can be assigned to an unplanned service confirmation item. During technical completion of a service contract item, these follow-up items will be considered, including unplanned

item replication from service confirmation to service order. For more information, see Planned Cost and Revenue for Unplanned Items [page 904].

Technical Details

Type	New
Functional Localization	No localization
Scope Item	426 (Service Contract Management) 3M3 (Event-Based Revenue Recognition – Service Documents) 3M4 (Event-Based Revenue Recognition – Service Documents – IFRS)
Technical Object Name	App ID: `F3763`
Application Component	`CRM-S4-SRV-CTR` (*Service Contract and Quotation*) `CO-PC-OBJ-EBR` (*Event-Based Revenue Recognition*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Service Contract as a Root Item in a Financial Hierarchy
Manage Service Contracts

4.2.6.2 Support of Cost-Based POC for Execution Order Items with Itemized Billing

Business Details

This feature enables you to use cost-based percentage of completion (POC) revenue recognition for execution order items with the *Itemized Billing* billing relevance. The net value of the execution order item determines the planned revenue used in cost-based revenue calculation. The planned cost is the sum of all planned costs from the maintenance orders that are assigned to the execution order item.

Alternatively, you can now assign an itemized billing execution order item to a service contract item that is the root item in a financial hierarchy. Then the net value of the execution order item contributes to the planned revenue of that contract item.

Implementation Details

Customizing

- To use cost-based POC for execution order items, you assign the pre-delivered recognition key MSOFC to the *Itemized Billing* billing relevance in Customizing for *Controlling* under *Product Cost Controlling* > *Cost Object Controlling* > *Product Cost by Sales Order* > *Period-End Closing* > *Event-Based Revenue Recognition* > *Derivation of Recognition Key for Execution Order Items*.
- If you want to assign an itemized billing execution order item to a service contract item that is the root item in a financial hierarchy, you need to activate the respective option in Customizing for *Service* under *Transactions* > *Basic Settings* > *Define Item Categories*. In this case, the recognition key of the contract item is used.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3M3 (Event-Based Revenue Recognition – Service Documents) 3M4 (Event-Based Revenue Recognition – Service Documents – IFRS) 6AK (Event-Based Revenue Recognition – Service with Adv. Execution) 6AL (Event-Based Revenue Recognition – Service with Adv. Execution – IFRS) 6AU (Service with Advanced Execution)
Technical Object Name	Not applicable
Application Component	`CO-PC-OBJ-EBR` (*Event-Based Revenue Recognition*) `CRM-S4-SRV-MNO` (*Service with Advanced Execution*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Event-Based Revenue Recognition for Service with Advanced Execution

4.2.6.3 Support of the “Revenue-Based Percentage of Completion” Method for Fixed Price Execution Order Items

Business Details

This feature enables you to use revenue-based percentage of completion (POC) revenue recognition for a) fixed price execution order items (with billing relevance *Billing on Completion* or *Billing via Billing Plan After Release*) and for b) not-billing relevant execution order items with price items as subitems. The planned revenue used in revenue-based revenue calculation comes from a) the net value of the execution order item or b) the sum of net values of all price items. The planned cost is the sum of all planned costs from the maintenance orders that are assigned to the execution order item.

Implementation Details

Customizing

Assign a recognition key to the supported billing relevance in Customizing for *Controlling* under *Product Cost Controlling* > *Cost Object Controlling* > *Product Cost by Sales Order* > *Period-End Closing* > *Event-Based Revenue Recognition* > *Derivation of Recognition Key for Execution Order Items*.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	3M3 (Event-Based Revenue Recognition – Service Documents) 3M4 (Event-Based Revenue Recognition – Service Documents – IFRS) 6AK (Event-Based Revenue Recognition – Service with Adv. Execution) 6AL (Event-Based Revenue Recognition – Service with Adv. Execution – IFRS) 6AU (Service with Advanced Execution)
Technical Object Name	Not applicable
Application Component	`CO-PC-OBJ-EBR` (*Event-Based Revenue Recognition*) `CRM-S4-SRV-MNO` (*Service with Advanced Execution*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Revenue Recognition Methods for Execution Order Items

4.2.7 Joint Venture Accounting

4.2.7.1 CDS Views for Joint Venture Accounting Cutback Mapping

Business Details

Multiple CDS views are released for exposing all cutback mapping database tables in Joint Venture Accounting.

CDS views released:

- `I_JVACtbckAcctMappgIntra`
- `I_JVACtbckAcctMappgInter`
- `I_JVACtbckCostCtrMappgIntra`
- `I_JVACtbckCostCtrMappgInter`
- `I_JVACtbckWBSMappgIntra`
- `I_JVACtbckWBSMappgInter`

- `I_JVACtbckOrdMappgIntra`
- `I_JVACtbckOrdMappgInter`
- `I_JVACtbckCOAAcctMappgIntra`
- `I_JVACtbckCOAAcctMappgInter`

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	3F7 (Joint Venture Accounting)
Technical Object Name	See the table above
Application Component	CA-JVA (*Joint Venture Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Cutback Account Mapping Intracompany
Cutback Account Mapping Intercompany
Cutback Cost Center Mapping Intracompany
Cutback Cost Center Mapping Intercompany
Cutback WBS Mapping Intracompany
Cutback WBS Mapping Intercompany
Cutback Order Mapping Intracompany
Cutback Order Mapping Intercompany
Cutback Chart of Accounts Mapping Intracompany
Cutback Chart of Accounts Mapping Intercompany

4.2.7.2 CDS View for Intercompany Venture in Joint Venture Accounting

Business Details

The CDS view Intercompany Venture is released for Joint Venture Accounting. Find more information via the link in the related information.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	3F7 (Joint Venture Accounting)
Technical Object Name	CDS view: `I_JVAVntrIntCoVntr`
Application Component	`CA-JVA` (*Joint Venture Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Venture Intercompany Venture

4.2.7.3 CDS Views for Cutback Network Mapping in JVA

Business Details

New CDS views are released for exposing all cutback network mapping database tables in Joint Venture Accounting.

CDS Views Released

CDS View Name	Application Component	Solution Capability
I_JVACtbckNtwkMappgIntra	CA-JVA	Joint Venture Accounting
I_JVACtbckNtwkMappgInter		Joint Venture Accounting

Technical Details

Type	New
Functional Localization	Not applicable

Scope Item	3F7 (Joint Venture Accounting)
Technical Object Name	`See the table above`
Application Component	`CA-JVA` (*Joint Venture Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.2.7.4 Deletion of App "Asset Mapping - Intercompany"

Business Details

The *Asset Mapping - Intercompany* app in Joint Venture Accounting has been removed from the SAP Fiori launchpad with this release.

Technical Details

Type	Deleted
Functional Localization	Not applicable
Scope Item	3F7 (Joint Venture Accounting)
Technical Object Name	App: Asset Mapping - Intercompany
Application Component	`CA-JVA` (*Joint Venture Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.2.7.5 Deletion of App "Manage JV Non-Operated Billing Forms" in JVA

Business Details

The *Manage JV Non-Operated Billing Forms* app in Joint Venture Accounting is now deleted and removed from the SAP Fiori launchpad.

Instead of the app, use the configuration object *JV Non-Operated Billing Form*.

Choose *Oil and Gas* > *Joint Venture Accounting* and go to *Joint Venture Billing* > *JV Non-Operated Billing Form*.

Effects on Existing Data

- The configuration object *JV Non-Operated Billing Form* replaces the *Manage JV Non-Operated Billing Forms* (Deleted) IAM app.
- You are generally allowed to use an IAM app and its replacement in parallel for at least 6 months. However, for the configuration object *JV Non-Operated Billing Form*, this procedure is not possible, because configuration objects and apps store data differently and as JV non-operated billing form is about configuration, its data needs to be handled by the configuration object.
- Therefore, you need to remove the *Manage JV Non-Operated Billing Forms* (Deleted) IAM app when you have the configuration object *JV Non-Operated Billing Form* assigned to the business role.

Technical Details

Type	Deleted
Functional Localization	Not applicable
Scope Item	3F7
Technical Object Name	App ID: GJ52
Application Component	CA-JVA-JVA (*Joint Venture Accounting*)
Valid as Of	2025

4.2.7.6 New Master Data App: GJ68N

Business Details

This feature enables you to use a master data application table to persist the Joint Interest Billing (JIB) entries. A visually harmonized tile *JIB Class/Subclass Mapping* is now available in the front end to maintain this mapping.

The IMG structure **Mapping JIB Classes and Accounts to Overwrite Classes** under Joint Venture Accounting (JVA) IMG, is now removed.

- The transaction **GJ68**, used to manipulate the mapping entries, is now converted to a master data transaction, **GJ68N**.

- In this transaction, JIB subclass A is added along with JIB class and transaction type for the account ranges at the source to overwrite the JIB codes of the target.
- You can now map both JIB class and JIB subclass A from the cost objects.
- You are automatically redirected to new transaction GJ68N while accessing GJ68.

Implementation Details

Authorizations

You must maintain authorization object `J_JVA_CUS` to access the transaction code GJ68N.

The object should include all the necessary fields and values as follows:

- ACTVT (Activity)
  - 02 - Create new entries
  - 23 - Maintain existing entries
- BUKRS (Company Code)
  - Based on business requirement
- JV_CUGROUP (Customizing group for authorization)
  - D_01 - Joint Interest Billing (JIB) Mapping

Effects on Existing Data

The new master data transaction code **GJ68N** uses a master data application table to store the mapped entries.

Therefore, the existing mapped configuration contents are moved to the master data. This migration is handled automatically through the data conversion method during the upgrade.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	3F7
Technical Object Name	`GJ68N`
Application Component	`CA-JVA-JVA` (*Joint Venture Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.7.7 Venture Expenses Report

Business Details

With this feature, you can display all information on billable and non-billable items for all the available currencies by company code, fiscal year, and period.

The Venture Expenses report has been extended with the following details:

Venture Expenses Report

Fields	Description
Cutback Original Account	The expense lines of the invoice created by Cutback
Cutback Invoice Account	The expense lines of the original invoice processed by Cutback
Cutback Original Cost Object Type	The expense lines of the invoice created by Cutback
Cutback Original Cost Object	The expense lines of the invoice created by Cutback
Cutback Invoice Cost Object Type	The expense lines of the original invoice processed by Cutback
Cutback Invoice Cost Object	The expense lines of the original invoice processed by Cutback

Implementation Details

- Select *Keep Original Cutback Account* to provide accurate and reliable information regarding the content of CBRACCT in case of the expense lines of the invoices processed by Cutback, for all account mapping rules.This step is applicable for the following applications (transaction codes):
  - Mapping on Chart of Account level - Intracompany (GJ25A)
  - Mapping on Chart of Account level - Intercompany (GJ26A)
  - Account Mapping - Intracompany (GJ25)
  - Account Mapping - Intercompany (GJ26)
- If SAP Note: 3423891 (GJCBA: Performance improvement for the cutback program) is implemented, paragraph (3) of the referenced NOTE is relevant.

  > ⓘ Note
  >
  > Please refer NOTE below to thoroughly make sure that no accounting information is missed.

- The existing mapping rules will be used to attempt the derivation, if either CBRACCT or CBOJBNR is not populated (due to the above reasons)
- Using the mapping rules to derive the original account or cost object (used in the expense lines of the invoices processed by Cutback) can lead to ambiguous results. Therefore, the following details have been added to the Venture Expenses report when either CBRACCT or CBOBJNR is not populated:

- If there is information in field CBOBJNR, but it is not a Cost Center/WBS/Order cost object then 'ERROR' is displayed.
- If there is information in field CBOBJNR, then the name of the cost object is derived, if available, else the field is empty.
- If only ambiguous result is derived, then string '??????????' is displayed.

,

- Depending on the cost object type the following abbreviations are displayed, if the derivation can be successfully performed:
  - CTR (Cost Center)
  - WBS (WBS)
  - ORD (Order)
  - NTW (Network)
- In case of unsuccessful derivation, the field is either empty or populated with string '???'.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	3F7
Technical Object Name	`See the table above`
Application Component	`CA-JVA-JVA` (*Joint Venture Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

SAP Note 3423891

4.2.7.8 OData API: JVA Carried Interest Group

Business Details

This feature enables you to calculate the carried forward interest that occurs when a venture partner either fails to sign the agreement or declines to fund a venture activity.

A joint venture accounting (JVA) carried interest group assigns shares to the partners with carried interest status, expenses and revenues carried by other venture partners, and the partner's share becomes a full working interest when revenues exceed expenses.

Implementation Details

Authorizations

J_JVA_CUS, BUKRS, JV_CUGROUP: B_07, Activity: 03

Customizing

You can maintain Carried Interest Group details explicitly in each system separately as *Joint Venture Accounting* > *Master Data* > *Partner Groups* > *Carried Interest Partner Groups* is now removed.

Effects on Existing Data

The Carried Interest Group maintenance transaction (GJCG) will now be available as a new VH tile. The JVA Carried Interest Group API is used to process bulk Carried Interest groups.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	3F7
Technical Object Name	`JVACarriedInterestGroup`
Application Component	`CA-JVA-JVA` (*Joint Venture and Production Sharing Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

API for JVA Carried Interest Group

4.2.7.9 OData API: Joint Venture Business Partner

Business Details

This feature enables you to create, read, update and delete Joint Venture Business Partner master data information.

Implementation Details

Authorizations

To Maintain JV Partners (transaction code GJ2B), the authorization object *J_JVA_PRC* (Joint Venture Accounting: Processing) is used. Below are the authorization objects required based on the business requirements:

- ACTVT (Activity)
  - 02 – Create new entries
  - 23 – Maintain existing entries
- BUKRS
  - Maintain company code values based on the business requirements.
- JV_PROCA
  - Maintain value 'PARTNER' in all cases

Effects on Existing Data

The consumption of this service is not mandatory; therefore, it has no indirect effect on the existing Joint Venture Business Partner data. However, while consuming the service, the regular create, read, update, and delete database operations can be executed, which all have a direct impact on the existing set of data.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	3F7
Technical Object Name	`API_JOINTVENTUREPARTNER`
Application Component	`CA-JVA-JVA` (*Joint Venture Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025

4.2.7.10 OData API: Joint Interest Billing Class Mapping

Business Details

This feature enables you to create, read, update, and delete Joint Interest Billing (JIB) class mapping through API calls.

A joint interest billing class mapping is a billing process phase that links the operator's expense categories to the partners' corresponding categories. This object covers the consistent classification of expenses across the operator responsible for joint venture accounting and its non-operators.

Implementation Details

Authorizations

You must maintain a proper authorization object `J_JVA_CUS` to access the API securely. This object should include the below necessary fields and maintained properly to ensure API access.

- ACTVT (Activity)
  - 02 - Create new entries
  - 23 - Maintain existing entries
- BUKRS (Company Code)
  - Based on business requirement
- JV_CUGROUP (Customizing group for authorization)
  - D_01 - Joint Interest Billing(JIB) Class Mapping

Effects on Existing Data

This API provides full CRUD (Create, Read, Update, Delete) functionality. The Read operations do not affect the already existing data; however, the Create, Update, and Delete operations perform data-altering operations if passed through the maintained authorizations and validations.

A visually harmonized tile *JIB Class/subclass Mapping* is supported by back-end transaction `GJ68N` to maintain JIB class mapping.

Technical Details

Type	New

Functional Localization	Not applicable
Scope Item	3F7
Technical Object Name	`API_JntIntrstBillingClassMap`
Application Component	`CA-JVA-JVA` (*Joint Venture Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.7.11 OData API: Joint Venture

Business Details

This feature that was previously published as a synchronous service to create, read, update, and delete Joint Venture master data information is now extended with further details:

With SAP S/4HANA OP2025 FPS 000 release, the following details are added to the existing set of master data information:

- Parent Company Overhead
- Payroll Burden
- Funding Currency (on equity group level)
- Substitution Cost Object details (on equity group level)
- Inter company Venture details
- Carried Interest details

Implementation Details

Effects on Existing Data

The consumption of this service is not mandatory; hence, it has no indirect effect on the existing Joint Venture data. However, while consuming the service, the regular create, read, update, and delete operations can be executed, which all have a direct impact on the existing set of data.

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	3F7
Technical Object Name	`API_JOINTVENTURE`
Application Component	`CA-JVA-JVA` (*Joint Venture Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.7.12 OData API: Joint Operating Agreement

Business Details

This feature that was previously published as a synchronous service to create, read, update, and delete Joint Operating Agreement master data information is now extended with further details:

With SAP S/4HANA OP2025 FPS 000 release, the following details are added to the existing set of master data information:

- Parent Company Overhead
- Payroll Burden
- Drilling Statistical Ratio
- Overhead Stepped Rate
- Carried Interest details
- Producing Statistical Ratio
- Producing Statistical Ratio Threshold

Implementation Details

Effects on Existing Data

The consumption of this service is not mandatory; hence, it has no indirect effect on the existing Joint Operating Agreement data. However, while consuming the service, the regular create, read, update, and delete database operations can be executed, which all have a direct impact on the existing set of data.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3F7
Technical Object Name	`API_JNTOPGAGRMT`
Application Component	`CA-JVA-JVA` (*Joint Venture Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.7.13 BAdi: Cutback Mapping Adjustment

Business Details

This BAdi is used for cutback mapping adjustment.

To enable and use the BAdI, execute the following steps:

1. Create a class based on interface `IF_JVA_BADI_CUTBACK_MAP_INTRA` and develop the required functionality in method *manipulate_cutback_map_rules* for intracompany scenarios.
2. Create a class based on interface `IF_JVA_BADI_CUTBACK_MAP_INTER` and develop the required functionality in method *manipulate_cutback_map_rules* for inter-company scenarios.
3. Configure the implementing class as an implementation of the new BAdI. Both interfaces allow the manipulation of the following fields:
    1. ACDOCA-RACCT (Account Number)
    2. ACDOCA-RCNTR (Cost Center)
    3. ACDOCA-PS_PSP_PNR (Work Breakdown Structure Element (WBS Element))
    4. ACDOCA-AUFNR (Order Number)
    5. ACDOCA-VORNR (Activity Number)
    6. ACDOCA-NPLNR (Network Number for Account Assignment)
    7. ACDOCA-NPLNR_VORGN (Network activity)
    8. ACDOCA-PRCTR (Profit Center)
4. You can also use an extra variable `CV_MAPPING_DONE` to provide flexibility as custom logic in the BAdi implementation if used, in cutback processing.
5. You can set `CV_MAPPING_DONE` to `abap_true` if the effects should be considered.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	3F7
Technical Object Name	`See the table above`
Application Component	`CA-JVA-JVA` (*Joint Venture Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.7.14 New VH Tile

Business Details

With this feature, you can explicitly maintain JVA Carried Interest Group details in each system using transaction code `CJCG`.

A Joint Venture Accounting (JVA) Carried Interest group is a carried forward interest that occurs when a venture partner either fails to sign the agreement or declines to fund a venture activity. This object assigns shares to the partners with carried interest status, with expenses and revenues carried by other venture partners, and the partner's share becomes a full working interest when revenues exceed expenses.

Implementation Details

Authorizations

You must maintain a proper authorization object `J_JVA_CUS` to access the API securely. This object should include the below necessary fields and maintained properly to ensure API access.

- V_CUGROUP (Customizing group for authorization)
  - B_07
- BUKRS (Company Code)
- ACTVT (Activity)
  - 03 -

Effects on Existing Data

The customizing IMG path *Joint Venture Accounting* > *Master Data* > *Partner Groups* > *Carried Interest Partner Groups* is now removed.

The new VH tile will replace transaction code `GJCG`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3F7
Technical Object Name	`CJCG`
Application Component	`CA-JVA-JVA` (*Joint Venture Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.7.15 Remaining Cutback Report with Original Cutback Account and Cost Object

Business Details

With this feature, partner invoices are generated by the cutback program using the amounts that needed to be cutback.

The selection screen of the cutback program is updated with below features, please refer below the SAP Note 3527396:

- New radio button, *Display Billable Amounts Only* is now available on the *Run Type* screen. If you choose this, only the billable amounts will be shown.
- New check box, *Show Billable Amounts* is now available on the *Print Option* screen. When option is checked, a section containing billable amounts is added to the classic spool output generated for the other run types.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	3F7
Technical Object Name	`Not applicable`
Application Component	`CA-JVA-JVA` (*Joint Venture Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

SAP Note 3527396

4.2.8 Intercompany Matching and Reconciliation

4.2.8.1 Enhancements to Reconciliation Close Process

Business Details

The reconciliation close process is enhanced as follows:

- When reconciliation for a unit pair is closed (or in *Initially Closed* status), the matching lock is on pair level rather than on the leading unit level.
- Data roll-in and flexible upload are no longer blocked by reconciliation close.
- In the *Manage Reconciliation Close* app, two columns show reconciliation differences:
  - *Difference at Latest Cutoff*: The difference up to latest cutoff timestamp.
  - *Difference at Closing*: The difference calculated at the time when the pair was last closed.
- You can view historical reconciliation statements of each pair on the detail page of *Manage Reconciliation Close*.
- A new app *Schedule Reconciliation Close Jobs* (`F8353`) is available for closing big numbers of unit pairs. For performance reasons, the system prevents closing more than 50 pairs at a time in *Manage Reconciliation Close*. Instead, you schedule jobs to do the batch closing.

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	40Y (Intercompany Reconciliation Process), 1SG (Group Reporting – Financial Consolidation)
Technical Object Name	F4774, F8353
Application Component	FIN-CS-ICR (*S/4HANA Intercompany Matching and Reconciliation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Reconciliation Close
Schedule Reconciliation Close Jobs

4.2.8.2 New Auto-Adjustment Posting Scenario with Business Transaction Type

Business Details

A new posting scenario SA002 (*Adjustment Postings for Accounting by Business Transaction Type*) is available for you to create posting rules in *Define Posting Rules - Intercompany Matching and Reconciliation*. The posting rules have the following differences compared with those of SA001 (*Adjustment Postings for Accounting by Document Type*) :

- You can specify **business transaction type** for the auto-adjustment posting documents. It's fixed to RFBU (*FI Postings*) in SA001.
- **Document type** of the adjustment posting documents is derived from your specified business transaction type.

> **Note**
>
> You can create your own business transaction type and assign to it a document type in Customizing for *Edit Business Transaction Types*. SAP delivers business transaction type ICAA (*Intercompany Adj. Posting*) with the assignment of document type IR (*IC Reconciliation*) in standard content.

Implementation Details

Customizing

You can create posting rules under the new scenario `SA002` in the Define Posting Rules - Intercompany Matching and Reconciliation app. The sample rule `SA002` (*Adjustment Postings for Accounting by Business Transaction Type*) is delivered for your reference.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	40Y (Intercompany Reconciliation Process)
Technical Object Name	App ID: `F4773`
Application Component	`FIN-CS-ICR` (*S/4HANA Intercompany Matching and Reconciliation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Define Posting Rules - Intercompany Matching and Reconciliation

4.2.8.3 Delete Obsolete Assignments

Business Details

Delete Obsolete Assignments is available in *ICMR Data Remediation Tool* (transaction `ICADR`) for you to delete the unassigned assignments. This helps reduce unnecessary database consumption and improve system performance.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	40Y (Intercompany Reconciliation Process), 1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App ID/transaction: `ICADR`
Application Component	`FIN-CS-ICR` (*S/4HANA Intercompany Matching and Reconciliation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Data Remediation Tool

4.2.9 Group Reporting

4.2.9.1 Time-Dependent FS Item Hierarchies

Define time-dependent FS item hierarchies in the *Manage Global Hierarchies* app by specifying a validity time frame.

Business Details

In the *Manage Global Hierarchies* app, you now can define time-dependent consolidation financial statement item hierarchies (FS item hierarchies) by specifying a validity time frame (from/to date). In consequence, when these hierarchies are used you have to specify a key date to determine the proper hierarchy version to be used.

Implementation Details

Effects on Existing Data

In the *Manage Global Hierarchies* app, you now can enter a start and end date for the validity time frame of a consolidation financial statement item hierarchy definition. In applications that use these hierarchies, a field for

a key date may be displayed which you then have to enter. Such apps are, for example, *Define Reporting Rules* and *Define Selections*. Already existing FS item hierarchies are treated as if they were created with *From Date* 01/01/1900 and *To Date* 12/31/9999.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-MD` (*Master Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Define Reporting Rules
Define Selections

4.2.9.2 Reducing Data Volume With Restrictive Configuration Options

Business Details

In the *Define Consolidation Master Data Fields* configuration activity, the settings for the *Assignment Reference* (AssignmentReference) field have been changed to reduce the amount of data that is transferred from accounting to group reporting during the release universal journal task and the balance carryforward task.

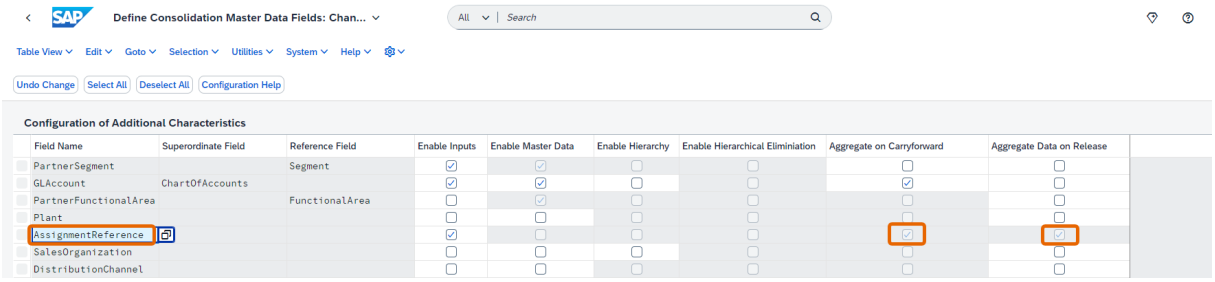
For new customers, the *Define Consolidation Master Data Fields* configuration activity is now customized that assignment reference data always is aggregated when a balance carryforward task or a release universal journal task is executed.

> **Note**
>
> For upgrade customers: Please also see the information in the *Effects on Existing Data* section.

The *Assignment Reference* field is configured in accounting. In most cases, the assignment reference contains transactional information rather than master data information and has a huge number of values that may even

grow over time. For example, it can contain the invoice number as a settlement criterion. Transferring this information from accounting to group reporting during the release universal journal as well as transferring it from one fiscal year to the next with the balance carryforward will increase the data volume significantly over time, especially when it is configured in a way that the number of values constantly grows over time. Further, for consolidation purposes, the business value of the assignment reference is seen as limited. Therefore, we recommend using the *Assignment Reference* (`AssignmentReference`) field to aggregate data during a release universal journal task as well as during a balance carryforward task. This setting considerably reduces the amount of data that is transferred.

By default, the checkboxes *Aggregate on Carryforward* and *Aggregate Data on Release* are now selected and are in read-only mode. This means that, if you are a new customer, you can't change this setting:



> **Note**
>
> The screenshot shows an example of how to make the described change visible. Please note that the screenshot shows the English version of the user interface only, and that the user interface in your system might look slightly different due to the configuration and extensibility options available.

Implementation Details

Configuration

Depending on your configuration environment, you can find this setting as follows:

SAP Central Business Configuration: Choose *Business Processes Configuration* and navigate to the *Define Consolidation Master Data Fields* configuration activity under *Accounting* > *Group Valuation and Reporting* > *Data Model*.

Business Process Configuration: Open the *Manage Your Solution* app and navigate to the *Define Consolidation Master Data Fields* configuration step under *Configure Your Solution* > *Finance* > *Corporate Close* > *Master Data*.

Effects on Existing Data

If you are an upgrade customer, the following information is relevant:

"Aggregate Data on Release" Checkbox

Prior to SAP S/4HANA 2502, the *Aggregate Data on Release* checkbox was editable. This allowed you to deselect the data aggregation, thereby transferring the assignment reference data when executing the release universal journal task.

As of SAP S/4HANA 2502, the configuration behavior is changed. If you previously transferred the assignment reference information via the release universal journal task, this information is still transferred (that is, the behavior remains the same after system upgrade). After the upgrade the *Aggregate Data on Release* checkbox is editable if data aggregation was not activated before the upgrade. Once you select the *Aggregate Data on Release* checkbox to aggregate the assignment reference data (`AssignmentReference` field) during the release universal journal task, the checkbox becomes read only permanently and data aggregation is always executed. You can't change this setting back again.

"Aggregate on Carryforward" Checkbox

Before SAP S/4HANA 2502 the *Aggregate on Carryforward* checkbox was editable and you could deselect the data aggregation, thereby transferring the assignment reference data when executing the balance carryforward task.

As of SAP S/4HANA 2502 the configuration behavior is changed. If you were transferring the assignment reference information via balance carryforward task before, this information continues to be transferred (that is, no changed behavior after system upgrade). After the upgrade, the *Aggregate on Carryforward* checkbox is editable if the *Enable Inputs* checkbox is selected and *Aggregation on Carryforward* was not activated before the upgrade. Once you select the *Aggregate on Carryforward* checkbox to aggregate the assignment reference data (`AssignmentReference` field) during the balance carryforward task, the checkbox permanently becomes read-only and data aggregation is always executed. You can't change this setting back again.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-MD` (*Master Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.3 Simplification of the Release Universal Journal Task

Business Details

The execution of the *Release Universal Journal* task in the *Data Monitor* has been simplified and harmonized with other consolidation tasks.

- Execution is now changed to a one-click action for the following runs:
  - *Update* run: A confirmation pop-up remains to prevent unintended data release.
  - *Test* run and *Test with Original List*: The task starts immediately.
  - Any functionality from the removed intermediate screen is now exposed in *Start with Selection*.
- It is now possible to execute the *Test* run and *Test with Original List* run for several consolidation units by running *Release Universal Journal* on consolidation group level.
- In *Test* run, the data monitor status is now taken into account (same as in *Update* run).
- *Start with Selection* has been enhanced with the following:
  - Any functionality removed from *Update* run, *Test* run, and *Test with Original List* is now exposed in this screen. This includes, for example, the *Delta for Prior Periods* mode.
  - In group reporting preparation ledger integration it is now possible to run the *Release Universal Journal* task in *Complete Period* mode.
  - In classic integration it is now possible to run *Release Universal Journal* task in *Delta for Period* mode.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	1SG Group Reporting – Financial Consolidation
Technical Object Name	Not applicable
Application Component	`FIN-CS-COR-DT-RJ` (*Release Universal Journal*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.4 Enhanced Usability for 'Release Universal Journal' Task

Business Details

When the *Release Universal Journal* task has been executed, the system now displays the task log instead of the classic result screen.

When you execute the *Release Universal Journal* task in *Data Monitor* as *Update*, *Test*, or *Test with Original List* run the system now displays the task log instead of the classic result screen. Only a single task log is created for one *Release Universal Journal* task execution, in which you can filter by individual consolidation units, if required.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-COR-DT-RJ` (*Release Universal Journal*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Release Universal Journal

4.2.9.5 Additional Field 'Posting Level' for Document Type Selection

Business Details

In the *Define Selections* app, the *Document Type* field has been enhanced by the *Posting Level* field as basic attribute. This enables you to select document types by posting levels.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-MD` (*Master Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.6 Ad Hoc Set and Item in Selections

Business Details

With this feature, you can use *Ad Hoc Sets* and *Ad Hoc Items* as dimensions in selections and validation rules.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-MD` (*Master Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Selections
Define Validation Rules

4.2.9.7 Multiple Units of Measure for FS Items

Business Details

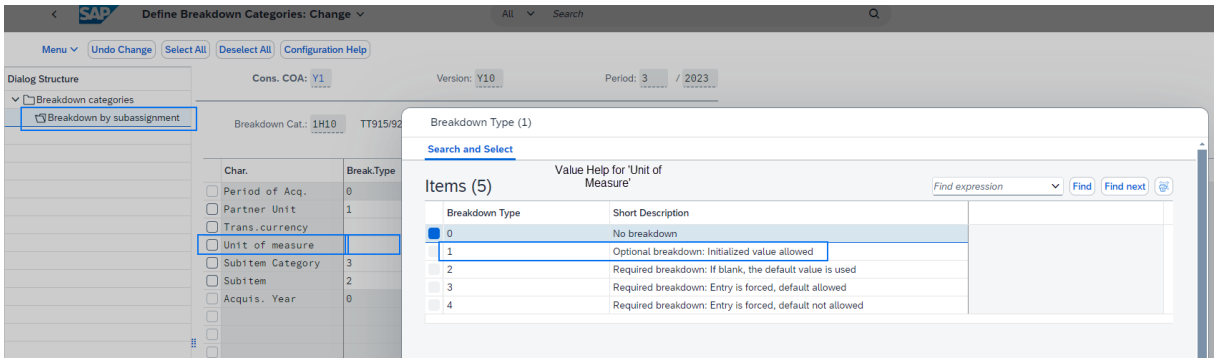
With this feature, you can process multiple units of measure for an FS item.

These multiple units of measure are updated during the data release from accounting to group reporting by executing the *Release Universal Journal* task and when loading data using the *Flexible Upload of Reported Financial Data* app, *Post Group Journal Entries* app, *Import Group Journal Entries* app, and *Group Reporting Data Collection* (GRDC) data mapping.

Implementation Details

Customizing

The Customizing for the breakdown categories of FS items has been enhanced so that it also allows breakdown type `1` (*Optional breakdown: Initialized value allowed*) for the *Unit of Measure* field. In Customizing for SAP S/4HANA for Group Reporting you can find this setting in the *Define Breakdown Categories* activity under *Master Data*.



Configuring Multiple Units of Measure for an FS Item in 'Define Breakdown Categories' Customizing Activity

> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	1SG Group Reporting – Financial Consolidation
Technical Object Name	Not applicable
Application Component	`FIN-CS-MD` (*Master Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Breakdown Categories
Release Universal Journal

4.2.9.8 Manage Consolidation Hierarchies App

Business Details

With the *Manage Consolidation Hierarchies* app (App ID: `F7995`), you can view, create, edit, activate, and deactivate consolidation hierarchies.

In group reporting, the *Manage Consolidation Hierarchies* app replaces the *Manage Global Hierarchies* app. It offers the same functionality as the replaced app. On the Fiori launch pad, this app can be started by using the *Manage Consolidation Hierarchies* tile. Depending on your authorizations, you can also manage hierarchy types other than consolidation hierarchies in this app.

Additional Hierarchy Types

The *Manage Consolidation Hierarchies* app has been enhanced with additional hierarchy types.

The following additional hierarchy types are available in the app when *Enable Hierarchy* has been activated for the respective field in the additional master data field configuration:

- Consolidation Billing Document Type
- Consolidation Distribution Channel
- Consolidation Division
- Consolidation Industry
- Consolidation Plant
- Consolidation Product Group
- Consolidation Sales District

Furthermore, the *Consolidation Material Group* hierarchies are now time-dependent instead of time-independent. For more information, see *Effects on Existing Data*.

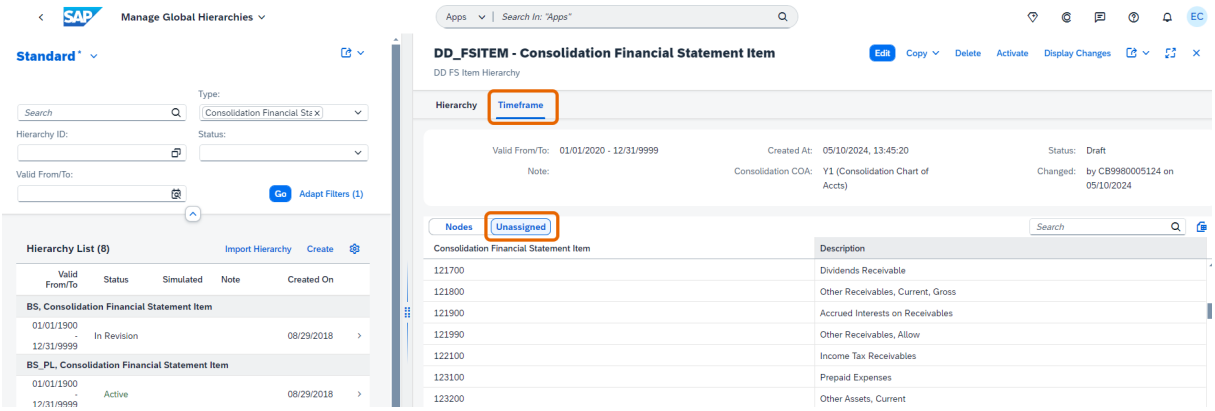
The following CDS views are provided to access the hierarchy information during runtime:

- Consolidation Billing Document Type Hierarchy (`I_CnsldtnBillingDocTypeHier`)
- Consolidation Distribution Channel Hierarchy (`I_CnsldtnDistrChannelHierarchy`)
- Consolidation Division Hierarchy (`I_CnsldtnDivisionHierarchy`)
- Consolidation Industry Hierarchy (`I_CnsldtnIndustryHierarchy`)
- Consolidation Material Group Hierarchy (`I_CnsldtnMaterialGroupHier`)
- Consolidation Plant Hierarchy (`I_CnsldtnPlantHierarchy`)
- Consolidation Product Group Hierarchy (`I_CnsldtnProductGroupHierarchy`)
- Consolidation Sales District Hierarchy (`I_CnsldtnSalesDistrictHier`)

Show Unassigned Values

In the *Manage Consolidation Hierarchies* app, you can display the master data values that are not yet assigned to a consolidation hierarchy.

On the details screen of a hierarchy, choose *Timeframe* to see the nodes of the hierarchy. Here, you can choose *Unassigned* to get all unassigned values displayed:



This feature is available for all consolidation hierarchy types, except for the *Consolidation Posting Level* hierarchy type.

> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

Implementation Details

Authorizations

To enable users to access this app, their business users need to have the following assigned:

- Business role template: `SAP_BCR_FIN_CCON_MDORG`
- Business catalog: `SAP_FIN_BC_CCON_MDORG`

As for any other consolidation hierarchy type, authorizations for the respective hierarchy type, the additional master data, and the corresponding accounting hierarchy type are required.

Configuration

Enable the additional hierarchy types in Customizing for SAP S/4HANA for Group Reporting by selecting *Enable Hierarchy* for the respective field in the *Define Consolidation Master Data Fields* activity under *Master Data*.

Effects on Existing Data

As of SAP S/4HANA 2025 the *Consolidation Material Group* hierarchies are time-dependent, which means that you have to enter a validity timeframe. The time-dependency works as in any other time-dependent hierarchy type.

For *Consolidation Material Group* hierarchies that were created before SAP S/4HANA 2025, the following applies:

- After the system upgrade, these hierarchies are shown with *N/A* for the validity timeframe in the *Manage Consolidation Hierarchies* app. If these hierarchies had been activated before the system upgrade, the runtime treats them as if they had the validity timeframe "01/01/1900 – 12/31/9999" and there is no need for immediate action. You can also change these hierarchies and save the changes.
- If you want to activate such hierarchies after the system upgrade to SAP S/4HANA 2025, you have to enter a validity timeframe in order to be able to do so. If you don't enter a validity timeframe and try to activate the hierarchy, you will receive an activation error. After maintaining the validity timeframe the activation is possible.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App ID: `F7995`
Application Component	`FIN-CS-MD` (*Master Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

4.2.9.9 Define Consolidation Groups App

Business Details

The *Define Consolidation Groups* app (App ID: `F7959`) is a new Fiori app for maintaining consolidation group master data.

It provides the same look and feel as the other consolidation master data Fiori apps. Furthermore, it's now possible to maintain consolidation group master data with the *Import Consolidation Master Data* app.

Implementation Details

Authorizations

To enable users to access this app, their business users need to have the following assigned:

- Business role template: `SAP_BCR_FIN_CCON_MDORG_PC`
- Business catalog: `SAP_FIN_BC_CCON_MDORG_PC`

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG Group Reporting – Financial Consolidation
Technical Object Name	`F7959`
Application Component	`FIN-CS-MD` (*Master Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Define Consolidation Groups

4.2.9.10 Additional Fields for Greenhouse Gas

Business Details

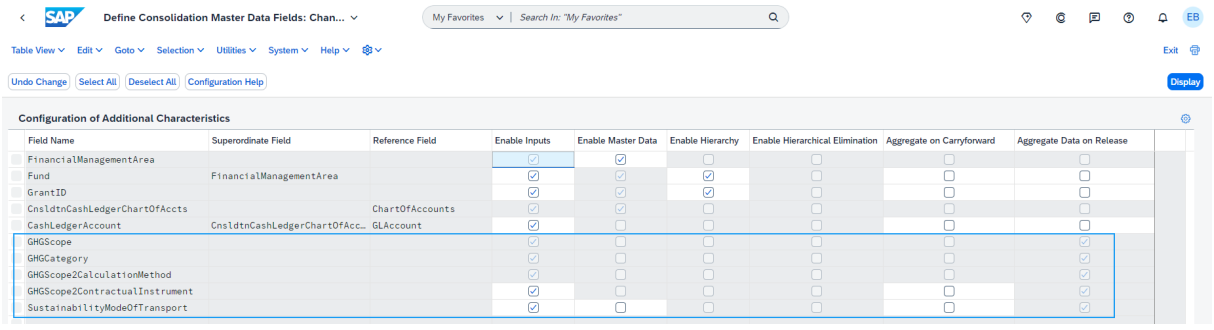
With this feature you can activate a business function that enables you to process additional fields for greenhouse gas in group reporting.

> **Note**
>
> You only can reverse the activation of this business function in a development or a test system. Once it is activated in a productive system, it can't be deactivated anymore.

After activating the business function, the following additional fields become available in group reporting:

- *GHG Scope* (`GHGScope`)
- *GHG Category* (`GHGCategory`)
- *Scope 2 Calculation Method* (`GHGScope2CalculationMethod`)
- *Mode of Transport* (`SustainabilityModeOfTransport`)
- *Scope 2 Contractual Instrument* (`GHGScope2ContractualInstrument`)
- *Greenhouse Gas Data Quality Characteristic* (`GHGDataQualityCharacteristic`)
- *Greenhouse Gas Energy Classification* (`GHGEnergyClassification`)
- *Greenhouse Gas Energy Mix* (`GHGEnergyMix`)
- *Greenhouse Gas Energy Sourcing Type* (`GHGEnergySourcingType`)

These fields become visible in the *Define Consolidation Master Data Fields* configuration step where you can configure their use to a certain extend:



Depending on the configuration, these fields become available in the following apps, cubes, and queries:

Apps:

- Define Master Data for Consolidation Fields
- Import Consolidation Master Data
- Define Selections
- Group Data Analysis
- Group Data Analysis - With Reporting Rules
- Group Financial Statements - Review Booklet
- Post Group Journal Entries
- Import Group Journal Entries

- Display Group Journal Entries
- Display Group Journal Entries - With Reporting Logic
- Flexible Upload of Reported Financial Data
- Task Logs

Queries:

- Balance Sheet – Query (`C_CnsldtnBalanceSheetQ`)
- Cash Flow Statement (`C_CnsldtnCashFlowQ`)
- Income Statement - Function of Expense (`C_CnsldtnIncStmntFuncOfExpnQ`)
- Income Statement - Nature of Expense (`C_CnsldtnIncStmntNatrOfExpnQ`)

Cubes:

- Group Reporting Data - Cube (`I_CnsldtnGrpJrnlItemC`)
- Rule-Based Group Data Analysis - Cube (`I_CnsldtnRuleBsdGrpJrnlItemC`)

> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

Implementation Details

Configuration

If you want to use this feature, you have to activate the business function `FINCS_ENABLE_GHG_FIELDS`. In Customizing for SAP S/4HANA for Group Reporting you can find this setting in the in the *Activate Fields for Greenhouse Gas* activity under *Global Settings for Consolidation*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	`FINCS_ENABLE_GHG_FIELDS`
Application Component	`FIN-CS-MD` (*Master Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.11 Additional Fields for Public Sector

Business Details

With this feature you can activate a business function that enables you to process additional fields from the public sector industries in group reporting.

> **Note**
>
> You only can reverse the activation of this business function in a development or a test system. Once it is activated in a productive system, it can't be deactivated anymore.

After activating the business function, the following additional fields become available in group reporting:

- *Fund*
- *Partner Fund*
- *Financial Management Area*
- *Grant*
- *Cash Origin Account*
- *Cash Origin Chart of Accounts*

These fields become visible in the *Define Consolidation Master Data Fields* configuration step where you configure their use. Depending on the configuration, these fields become available in the following apps tasks, cubes, and queries:

Apps:

- Define Master Data for Consolidation Fields
- Import Consolidation Master Data
- Manage Consolidation Hierarchies
- Define Selections
- Group Data Analysis
- Group Data Analysis - With Reporting Rules
- Group Financial Statements - Review Booklet
- Post Group Journal Entries
- Import Group Journal Entries
- Display Group Journal Entries
- Display Group Journal Entries - With Reporting Logic
- Flexible Upload of Reported Financial Data
- Task Logs

Task:

Release Universal Journal task

Queries:

- Balance Sheet – Query (`C_CnsldtnBalanceSheetQ`)
- Cash Flow Statement (`C_CnsldtnCashFlowQ`)

- Income Statement - Function of Expense (`C_CnsldtnIncStmntFuncOfExpnQ`)
- Income Statement - Nature of Expense (`C_CnsldtnIncStmntNatrOfExpnQ`)

Cubes:

- Group Reporting Data - Cube (`I_CnsldtnGrpJrnlItemC`)
- Rule-Based Group Data Analysis - Cube (`I_CnsldtnRuleBsdGrpJrnlItemC`)

Implementation Details

Configuration

If you want to use this feature, you have to activate the business function `FINCS_ENABLE_PS_FIELDS`. In Customizing for SAP S/4HANA for Group Reporting you can find this setting in the in the *Activate Fields for Public Sector* activity under *Global Settings for Consolidation*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	`FINCS_ENABLE_PS_FIELDS`
Application Component	`FIN-CS-MD` (*Master Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.12 Additional Fields for Financial Services

Business Details

With this feature you can activate a business function that enables you to process additional fields from the financial services (FS) industries in group reporting.

> **Note**
>
> You only can reverse the activation of this business function in a development or a test system. Once it is activated in a productive system, it can't be deactivated anymore.

After activating the business function, the following additional fields become available in group reporting:

- *Product Group (Financial Services)*
- *Branch (Financial Services)*
- *Data Source*

These fields become visible in the *Define Consolidation Master Data Fields* configuration step where you configure their use. Depending on the configuration, these fields become available in the following apps, cubes, and queries:

Apps:

- Define Master Data for Consolidation Fields
- Import Consolidation Master Data
- Manage Consolidation Hierarchies
- Define Selections
- Group Data Analysis
- Group Data Analysis - With Reporting Rules
- Group Financial Statements - Review Booklet
- Post Group Journal Entries
- Import Group Journal Entries
- Display Group Journal Entries
- Display Group Journal Entries - With Reporting Logic
- Flexible Upload of Reported Financial Data
- Task Logs

Task:

Release Universal Journal task

Queries:

- Balance Sheet – Query (`C_CnsldtnBalanceSheetQ`)
- Cash Flow Statement (`C_CnsldtnCashFlowQ`)
- Income Statement - Function of Expense (`C_CnsldtnIncStmntFuncOfExpnQ`)
- Income Statement - Nature of Expense (`C_CnsldtnIncStmntNatrOfExpnQ`)

Cubes:

- Group Reporting Data - Cube (`I_CnsldtnGrpJrnlItemC`)
- Rule-Based Group Data Analysis - Cube (`I_CnsldtnRuleBsdGrpJrnlItemC`)

Implementation Details

Configuration

If you want to use this feature, you have to activate the business function `FINCS_ENABLE_FS_FIELDS`. In Customizing for SAP S/4HANA for Group Reporting you can find this setting in the in the *Activate Fields for Financial Services* activity under *Global Settings for Consolidation*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	`FINCS_ENABLE_FS_FIELDS`
Application Component	`FIN-CS-MD` (*Master Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.13 Delete FS Items in the 'Define FS Items' App

Business Details

In the *Define FS Items* app (App ID: `F3297`), you now can delete financial statement items if they are not needed.

The *Delete* feature is provided on the FS Items overview screen for the deletion of one or multiple FS items as well as on the FS Items details screen for the deletion of a single FS item. You can delete FS items if they are not used anywhere and you are authorized to change them. For FS items where one of these conditions is not given, you will receive an error message when you try to delete them.

In general, you can delete all types of FS items, that is, customer-defined FS items as well as FS items that are delivered with the SAP Content.

You can also delete FS items with the local and remote FS item master data APIs.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-MD` (*Master Data*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Define FS Items

4.2.9.14 Import All Master Data Types With 'Import Consolidation Master Data' App

Business Details

You can now import data for all master data types in just one app, the *Import Consolidation Master Data* app (Fiori ID: F3924).

The *Import Consolidation Master Data* app (Fiori ID: F3924) replaces the *Import Master Data for Consolidation Fields* app (Fiori ID: F3071).

The master data types that you formerly had to import with the *Import Master Data for Consolidation Fields* app are now provided in the *Import Consolidation Master Data* app. Downloading and importing consolidation master data with the *Import Consolidation Master Data* app provides the following benefits:

- You only use one app.
- You can filter downloads to the relevant data.
- Value helps are provided in the downloaded Excel files.
- You can specify the language of description texts directly in the import file instead of determining it indirectly via the logon language.

Import files that have already been prepared for the *Import Master Data for Consolidation Fields* app can easily be adjusted with a couple of manual steps so that they can be uploaded with the *Import Consolidation Master Data* app. For more information, see Import Consolidation Master Data. To avoid potential inconsistencies that could be caused by using the *Import Master Data for Consolidation Fields* app in parallel, this app has been removed completely.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App ID: `F3924`
Application Component	`FIN-CS-MD` (*Master Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.15 Aggregate Additional Master Data Fields During Activity-Based Consolidation of Investments

Business Details

In the configuration activity *Define Consolidation Master Data Fields* the new field property *Aggregate on Activity-Based Consolidation of Investments (COI)* has been added.

Additional master data fields where the *Enable Inputs* checkbox is deselected are ignored when the consolidation of investments task is executed. Additional master data fields where the *Enable Inputs* checkbox is selected can be configured to aggregate data when the consolidation of investments task is executed.

Implementation Details

Configuration

In Customizing for SAP S/4HANA for Group Reporting you can find this setting in the in the *Define Consolidation Master Data Fields* activity under *Master Data*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-MD` (*Master Data*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.16 Removal of Selection Dimension '(Reference) Document Category'

Business Details

The *(Reference) Document Category* field has been removed and can no longer be used for the definition of selections in the *Define Selections* app or validation rules in the *Define Validation Rules* app.

As this field is not relevant for group reporting, this removal does not have any practical impact on customers.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-MD` (*Master Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.17 Display Master Data Change Log for FS Item

Business Details

In the *Define Financial Statement Items* app, you can display a change log which shows all the changes that were done for a financial statement item (FS item).

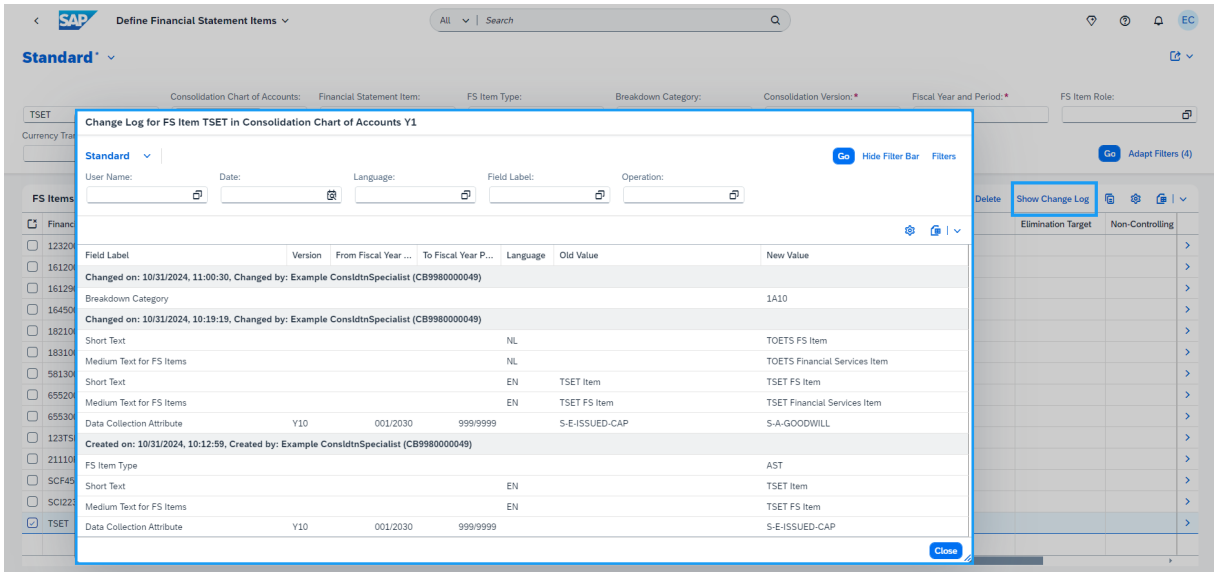
The change log is available on the overview screen and the details screen of the app. The change log data is displayed in a popup. In the log, changes are grouped by timestamp, user, and type of change. All changes applied by a user at one point in time are shown as one group of changes in the change log.

The change log contains the FS item with all its master data attributes:

- Time- and version-independent attributes, such as the assigned breakdown category.
- Time- and version-dependent attributes, such as FS item selection and target attributes.
- Language-dependent attributes, like all description texts.

You can filter the displayed change log information according to several criteria, such as date, user name, language, and attribute label. You can also export the data, if necessary.

The following screenshot shows the *Show Change Log* button on the overview screen of the app as well as the *Change Log* pop-up:



> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-MD` (*Master Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Related Information

Define FS Items

4.2.9.18 Release Universal Journal Task: Correction of How "Material Group" Field is Filled

Business Details

When the release universal journal task is executed, the *Material Group* field can now be filled correctly by the content of the *Product Group* field. While this feature is automatically active for new customers that activate the group reporting content as of this release, upgrade customers need to take action to use it.

This correction remediates the following error in the infrastructure of the release universal journal task:

When enabled for the release universal journal task, the *Material Group* field is not filled with the correct source *Product Group* field, but it is filled with the content of the *Sold Product Group* field. The *Sold Product Group* field is filled as expected.

This system behavior has been corrected: The *Material Group* field is now filled with the *Product Group* content.

For upgrade customers, we can't apply the changed behavior automatically, as it would result in a mixture of wrongly filled and correctly filled data. As it is also not possible to automatically correct already existing data, we have introduced a configuration switch that is only visible to upgrade customers. By this you can decide when to switch to a consistent filling of the material group in group reporting. For more information, see the *Effects on Existing Data* section.

Implementation Details

Effects on Existing Data

After upgrading to SAP S/4HANA 2025, check in your system if the *Material Group* field was already filled in group reporting or not:

- If the field wasn't yet filled, we recommend to activate the *Correct Material Group for Acc. Integr.* switch in the global system settings for group reporting configuration. This setting is without any risk of getting issues in the group reporting data and ensures that you'll get the field correctly filled in case you activate it for the RUJ task at any point in future.
- If the field has already been filled: Check whether you can correct the already existing data with regards to the material group information.

> **Note**
>
> Only activate the *Correct Material Group for Acc. Integr.* switch in the global system settings for group reporting after you've corrected the already existing data.
>
> Once activated and saved, the *Correct Material Group for Acct. Integr.* switch is hidden and can't be deactivated anymore.

Configuration

In Customizing for SAP S/4HANA for Group Reporting you can find and activate the *Correct Material Group for Acc. Integr.* switch in the *Check Global System Settings* configuration activity under *Global Settings for Consolidation*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-MD` (*Master Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.19 Release Universal Journal: Support of Prior Periods Mode

Business Details

The release universal journal task now supports two prior periods modes for the accounting integration with group reporting preparation ledger: One for complete data in prior periods and one for delta data in prior periods.

The two prior periods modes *Prior Periods - Complete Data* and *Prior Periods - Delta* enable you, for example, to:

- Process accounting data from periods before the current execution period (e.g. because of late coming postings), without re-opening already closed periods and re-processing the release universal journal task in current period mode as well as all subsequent consolidation tasks in respective periods. The result of the processing is transferred into the execution period.

> ### Example
>
> If the release universal journal task is executed in *Prior Periods – Delta* mode in period 3, it may transfer late coming postings in periods 1 and 2 into period 3. Periods 1 and 2 may stay closed in consolidation.

- Transfer data from prior periods including the opening balances (i.e. data from period 0). This is especially relevant to create a starting point for a consolidation unit in group reporting.

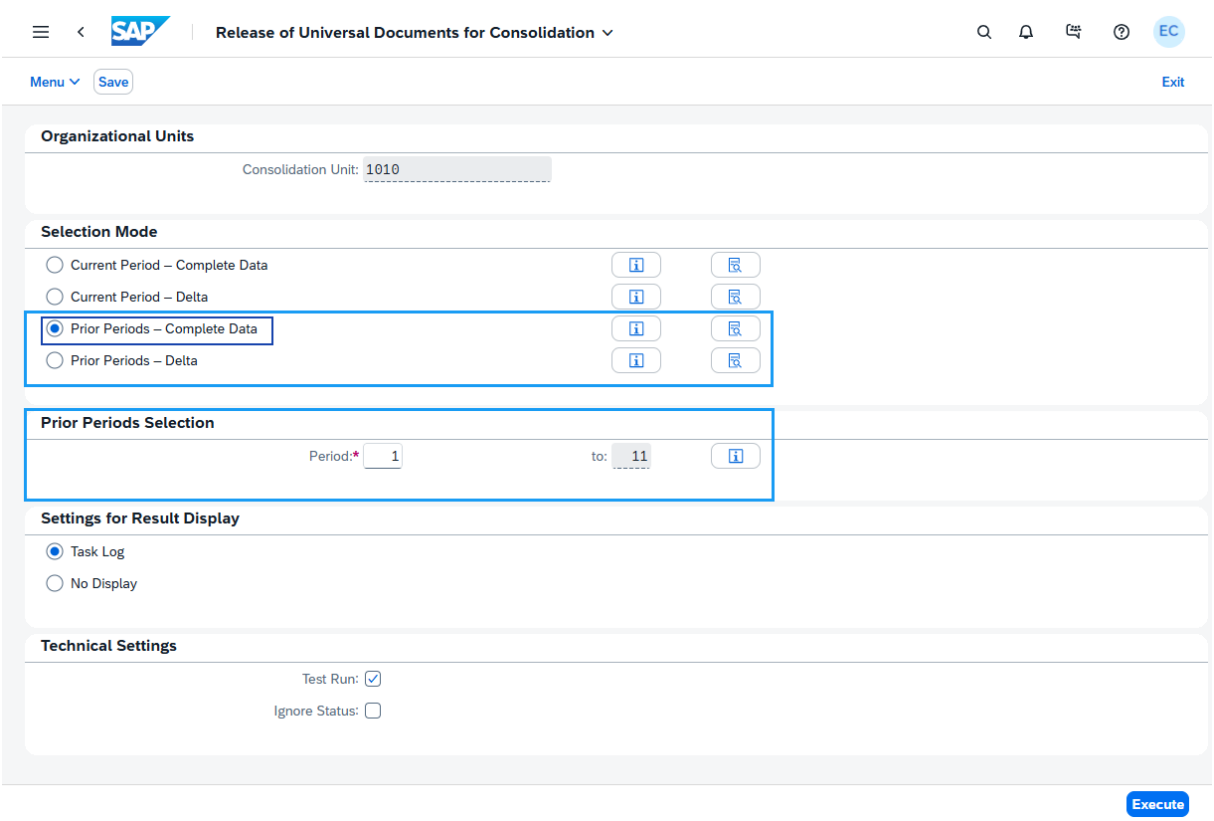
Data transferred by the release universal journal task in one of the prior periods modes is stored on a separate document type, compared to data transferred by the release universal journal task in current period mode. You define the document types to be used in Customizing for SAP S/4HANA for Group Reporting under *Data Collection for Consolidation* > *Define Tasks for Release Universal Journal*.

The release universal journal task can be executed in prior periods mode via the *Start with Selection* option in the *Data Monitor* app, or via scheduling a job in the *Schedule Jobs for Consolidation Tasks* app.

The *Delta for Prior Periods* mode was removed from the *Start with Selection* screen. In case of accounting integration with group reporting preparation ledger, you now achieve the same result by using the *Prior Periods – Delta* mode in a test run. In case of classic integration, you have to execute the release universal journal task separately in any of the prior periods in *Current Period – Delta* mode in a test run, as the prior periods modes are not available in classic integration.

Examples of the User Interface

The following screenshot shows the two prior period modes options on the *Start with Selection* screen in the *Data Monitor* app:



> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-MD` (*Master Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Prior Periods Modes for Release of Universal Journal

4.2.9.20 Enhancement of 'Define Document Types' Configuration

Business Details

The configuration for document types in group reporting has been enhanced.

The following enhancements are provided:

- Document types for tasks that are based on automatic posting rules can now be created with business application *7 (Reclassification/Posting Rules)*. This business application is already used for reclassification tasks. The settings regarding currencies and quantities in document type configurations are ignored. They have to be specified in automatic posting rules.
- The system raises a warning when the posting level setting is changed for an existing document type, as this may cause data inconsistencies when journal entries with same document types but different posting levels exist.

Implementation Details

Configuration

In Customizing for SAP S/4HANA for Group Reporting you can make this setting in the following configuration activities under *Master Data*:

- *Define Document Types for Reported Financial Data*
- *Define Document Types for Manual Posting in Data Monitor*
- *Define Document Types for Reclassification in Data Monitor*
- *Define Document Types for Consolidation Group Changes in Data Monitor*
- *Define Document Types for Manual Posting in Consolidation Monitor*
- *Define Document Types for Reclassification in Consolidation Monitor*
- *Define Document Types for Cons. Group Change in Consolidation Monitor*
- *Define Document Types for Consolidation of Investments*
- *Define Document Types for ICMR Eliminations*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-MD` (*Master Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.21 Editing Pre-Delivered Selections

Business Details

This feature enables you to edit selections that are pre-delivered by SAP in the Best Practices Content.

In the *Define Selections* app, you can now edit pre-defined selections, that are delivered in the S-* and Y-* name space according to your needs and then save the changes. This enables you to directly change a pre-delivered selection without having to copy it first and then adjust its usages in the pre-delivered referencing configuration activities, for example, for reclassification or currency translation.

> **Note**
>
> Creating new selections can only be done in the customer name spaces.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App ID: `F3725`
Application Component	`FIN-CS-MD` (*Master Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Define Selections

4.2.9.22 Changed Posting Logic of Release Universal Journal Task

Business Details

The posting logic of the *Release Universal Journal* task for classic integration in *Current Period - Complete Data* mode is changed.

Before the change, the system deleted the universal journal data of the current period that was released to group reporting in previous runs. The universal journal data that was selected in the current run was then released to group reporting.

Now, the system compares the universal journal data that is selected in the current run with the universal journal data that was already released to group reporting for the current period in previous runs in *Current Period* mode. If the newly released amounts differ from the amounts of the previous runs, delta postings are created. Consequently, in the task log the full accounting amounts are only displayed if no posting happened before. For the successor runs, only the calculated delta amounts are displayed, which also can be zero.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-COR-DT-RUJ` (*Release Universal Journal*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Release Universal Journal (Classic Integration)

4.2.9.23 Deprecation of Outdated Apps in Group Reporting

Business Details

Group reporting apps are outdated as of this release and will be deleted in a future release. Please start using the successor apps or configuration activities instead.

The following apps are affected:

App ID	App Name	Successor
`CX0AA`	Maintain Default Values	Configuration activity *SAP S/4HANA for Group Reporting* > *Master Data* > *Define Default Values for Subassignments*
`CX40`	Currency Translation	*Currency Translation* task in the *Data Monitor* (`CXCD`) app

App ID	App Name	Successor
CX5TD_DISP	Display Consolidation Cycles	Configuration activity *SAP S/4HANA for Group Reporting* > *Plan Consolidation* > *Define Consolidation Cycle*
CX5TE_DISP	Display Consolidation Cycle Assignment	Configuration activity *SAP S/4HANA for Group Reporting* > *Plan Consolidation* > *Assign Consolidation Cycle to Version*
CX8DSR	Raise Data Submission Requests	*Release Universal Journal* task in *Data Monitor* (CXCD) app
CX8HRP	Hierarchy Replication for FS Items	**Define FS Items** (F3297) app
CX8ITA_DISP	Display FS Item Attributes	*Define FS Items* (F3297) app
CX8ITAVC_DISP	Display FS Item Attributes and Values	*Define FS Items* (F3297) app
CX8PL	Lock/Unlock Data Submission for Consolidation	*Release Universal Journal* task in *Data Monitor* (CXCD) app
CX8RL	Data Submission Requests List	*Release Universal Journal* task in *Data Monitor* (CXCD) app
CXB1_DISP	Display Consolidation Versions	Configuration activity *Master Data* > *Define Versions*
CXCL	Calculation of Retained Earnings	*Calculate Net Income* task in the *Data Monitor* (CXCD) app
CXE5_DISP	Display Selected FS items	Configuration activity *Consolidation* > *FS Items Configuration* > *Spedify Selected FS Items for Automatic Posting*
CXS1	Balance Carryforward	*Balance Carryforward* task in the *Data Monitor* (CXCD) app
CXV1	Validation of Totals Data	Validation tasks in the *Data Monitor* (CXCD) and the *Consolidation Monitor* (F7271) apps
FINCS_FSI_DELETE	Delete FS Item	*Define FS Items* (F3297) app
CCONS_FPM_OVP_CUR_TRANS_DIFF	Currency Translation - Difference Analysis	*Group Data Analysis* (W0135) app

App ID	App Name	Successor
CCONS_FPM_OVP_CUR_RESERVE	Currency Translation - Reserve Analysis	*Group Data Analysis* (W0135) app
OCCS	Check Missing Account Assignment	*Map FS Items with G/L Accounts* (F3333) app

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App IDs: • CX0AA • CX5TD_DISP • CX5TE_DISP • CX8DSR • CX8HRP • CX8ITA_DISP • CX8ITAVC_DISP • CX8PL • CX8RL • CXB1_DISP • CXE5_DISP • FINCS_FSI_DELETE • CCONS_FPM_OVP_CUR_TRANS_DIFF • CCONS_FPM_OVP_CUR_RESERVE • OCCS
Application Component	FIN-CS (*S4HANA Financial Consolidation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.24 Deprecation of Old Reporting Logic Apps in Group Reporting

Business Details

Group reporting apps that are based on the old reporting logic are deprecated as of this release and will be deleted in a future release. Migrate to the new reporting logic as soon as possible.

The following apps and task are affected:

- *Generate Reporting Logic Data* (App ID: `CX8RR`)
- *Totals with Reporting Logic - Log* (App ID: `CX8RR_LOG`)
- *Integration of Transaction Data Into Consolidation Group* task

For more information about the migration process, see section *How do we migrate from the old reporting logic to the new reporting logic?* in Old Reporting Logic.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App IDs: • `CX8RR` • `CX8RR_LOG`
Application Component	`FIN-CS` (*S4HANA Financial Consolidation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.25 Deprecation of Interunit Reconciliation Apps

Business Details

The apps that are used for interunit reconciliation are deprecated and will be deleted in a future release.

The following apps are affected:

- *Interunit Reconciliation - Group View* (App ID: `F2838`)

- *Interunit Reconciliation - Unit View* (App ID: `F2842`)
- *Define Interunit Reconciliation Threshholds* (App ID: `FINCS_IU`)

Switch to the *Intercompany Reconciliation Process* (scope item 40Y). For more information, see Intercompany Matching and Reconciliation.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App IDs: • `F2838` • `F2842` • `FINCS_IU`
Application Component	`FIN-CS-EA` (*Embedded Analytics*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.26 Apply Filters in "Display Group Journal Entries - With Reporting Logic"

Business Details

When you enter an ID in the *Consolidation Unit Hierarchy* or *Consolidation Unit Eliminated* filter fields, these filters are applied to the dataset in the table.

You could use the *Consolidation Unit Hierarchy* and *Consolidation Unit Eliminated* filter fields before. However, until now, the IDs you entered didn't affect the results. When you now enter a consolidation unit hierarchy, for example, you see the results based on the entries that are defined in the *Manage Global Hierarchies* app for the specified hierarchy ID.

To filter the data displayed in the table, enter a consolidation unit hierarchy or a consolidation unit eliminated in the respective filter fields. Please copy the ID from the *Manage Consolidation Hierarchies* app. For more information, see Manage Consolidation Hierarchies .

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App ID: `F3831` (*Display Group Journal Entries - With Reporting Logic*)
Application Component	`FIN-CS-EA` (*Embedded Analytics*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Display Group Journal Entries - With Reporting Logic

4.2.9.27 New Queries Released for 'Group Financial Statements Review Booklet' App

Business Details

We have released four analytical queries for key users, which are based on CDS consumption views.

As a key user, you can use the queries in the *View Browser* app to create your own report based on these queries.

- `C_CnsldtnBalanceSheetQ` (*Balance Sheet - Query*): This query corresponds to the data provider for the *Balance Sheet* tab of the *Group Financial Statements Review Booklet* app.
- `C_CnsldtnCashFlowQ` (*Cash Flow Statement*): This query corresponds to the data provider for the *Cash Flow Statement* tab of the *Group Financial Statements Review Booklet* app.
- `C_CnsldtnIncStmntFuncOfExpnQ` (*Income Statement - Function of Expense*): This query corresponds to the data provider for the *Function of Expense* tab of the *Group Financial Statements Review Booklet*.
- `C_CnsldtnIncStmntNatrOfExpnQ` (*Income Statement - Nature of Expense*): This query corresponds to the data provider for the *Nature of Expense* tab of the *Group Financial Statements Review Booklet* app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	• `C_CnsldtnBalanceSheetQ` (*Balance Sheet - Query*) • `C_CnsldtnCashFlowQ` (*Cash Flow Statement*) • `C_CnsldtnIncStmntFuncOfExpnQ` (*Income Statement - Function of Expense*) • `C_CnsldtnIncStmntNatrOfExpnQ` (*Income Statement - Nature of Expense*)
Application Component	`FIN-CS-RA` (*Group Financial Statement Review App*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Group Financial Statements - Review Booklet
Key User Extensibility

4.2.9.28 Enhanced Group Financial Statements Review Booklet

Business Details

The *Group Financial Statements - Review Booklet* app has been enhanced with the following features:

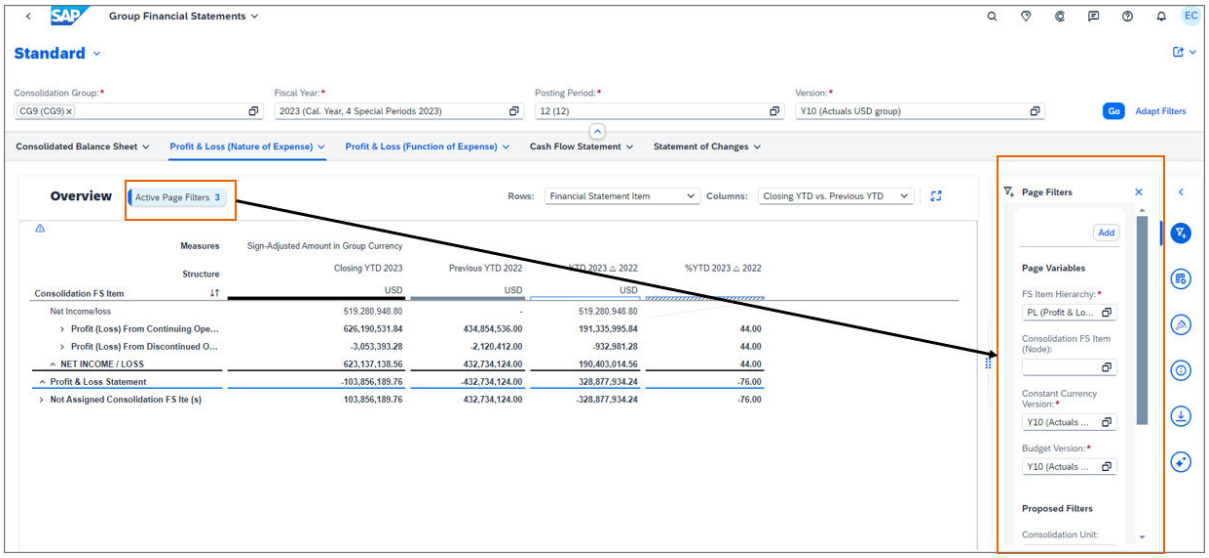
- *Active Page Filters* button
- *Add Calculation* function
- Saving conditional formatting dependent on threshold values in views
- Hierarchy in context menu
- Accessibility
- Export data to a PDF file
- 'Go' button
- 'Share' options
- Proposed filters

Here are more details about how to use the features:

> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

'Active Page Filters' Button

It displays the number of active filters and you use it to open the *Page Filters* tab in the side panel. This is where you add and remove page filters and their values. The following screenshot shows the button on the left and the opened side panel tab on the right.

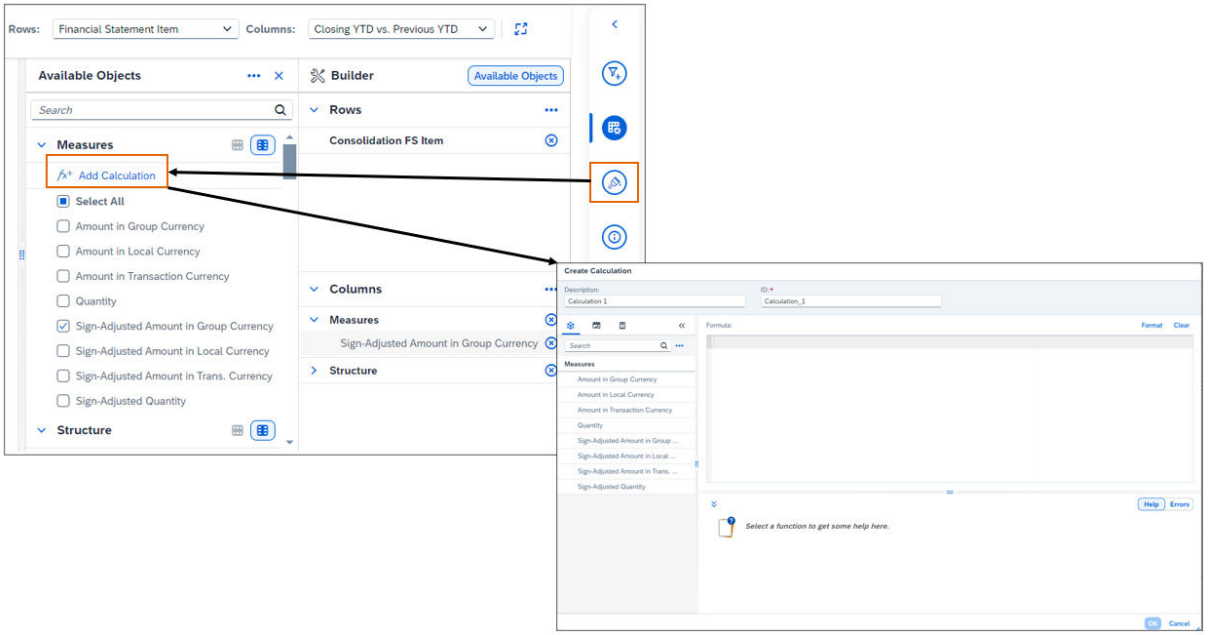


For more information about page filters, see Global Filters and Page Filters.

'Add Calculation' Function

You can create calculations based on the measures or structures of your data source and add them to your table and chart.

To add a calculation, in the side panel, choose *Layout*. Then choose *Add Calculation* to open the *Create Calculation* dialog. This is what this looks like in the system for measures:

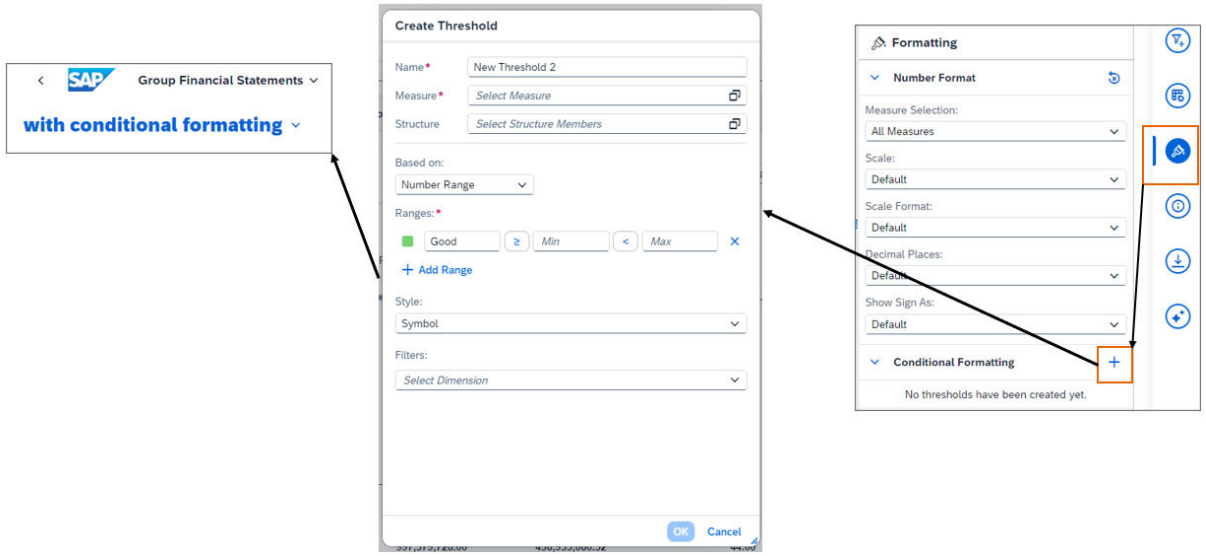


For more information, see Add Calculations.

Saving Conditional Formatting Dependent on Threshold Values in Views

On the *Formatting* tab, you can define threshold values and display them with different background colors or as colored values. Now you can save such formatting as part of a private or public view.

Here's what it looks like in the system:



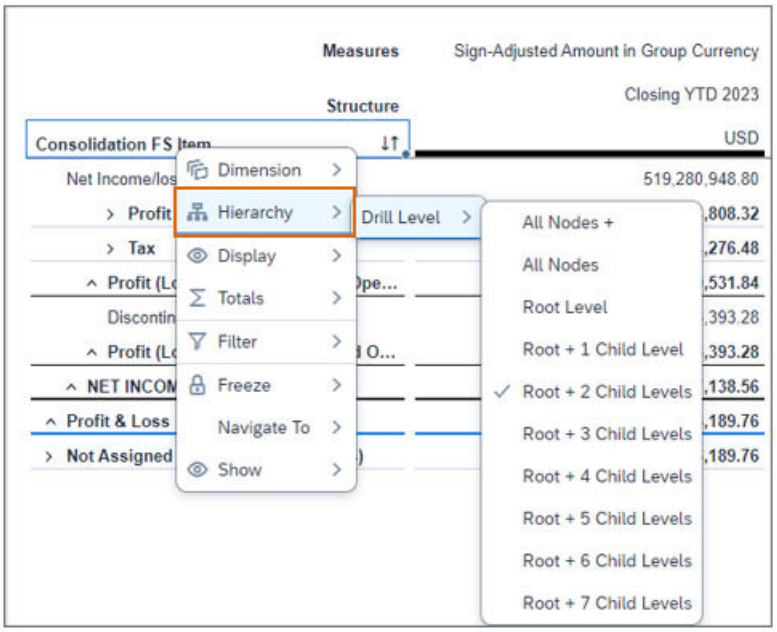
For more information, see *Conditional Formatting* in Working with the Side Panel.

Hierarchy in Context Menu

Open the context menu of a hierarchy to drill to a lower level in the hierarchy or open all levels.

> **Note**
>
> The same flexibility is provided in the *Properties* dialog of a dimension. Depending on the query model, you can also change the hierarchy.

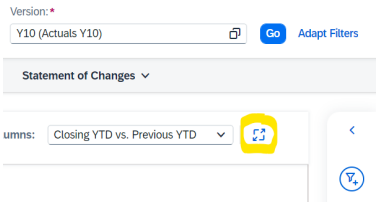
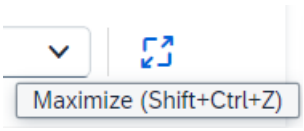
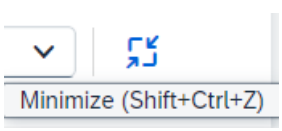
Here's what that looks like in the system:



Accessibility

The app offers the following accessibility features:

- **Grid in full-screen mode**: You can choose the *Maximize* button or Shift + CTRL + Z to display the grid in full-screen mode. Choose the button (now called *Minimize*) or Shift + CTRL + Z again to return to windowed mode. See the following screenshots for more details:

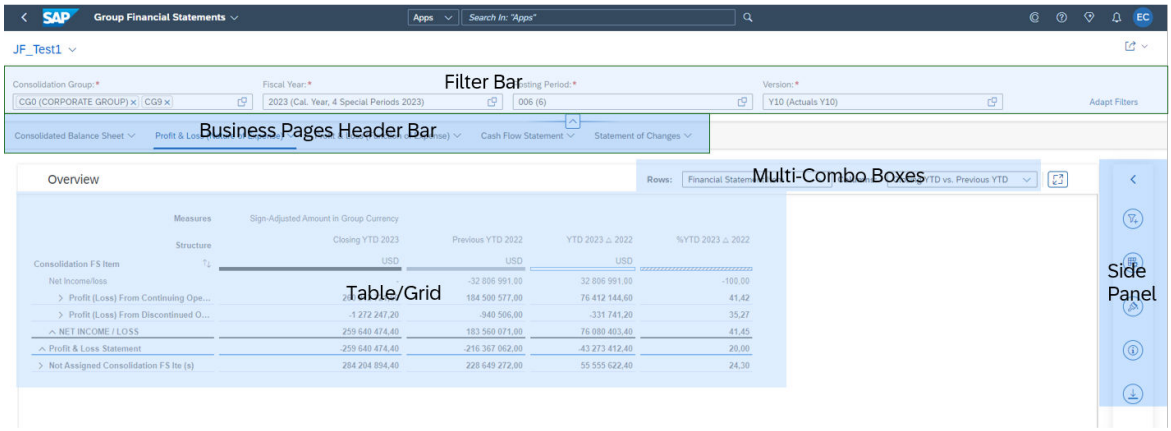
Where is the button on the screen?	Maximize Button	Minimize Button
		

- **Keyboard navigation**: Use the following navigation options:

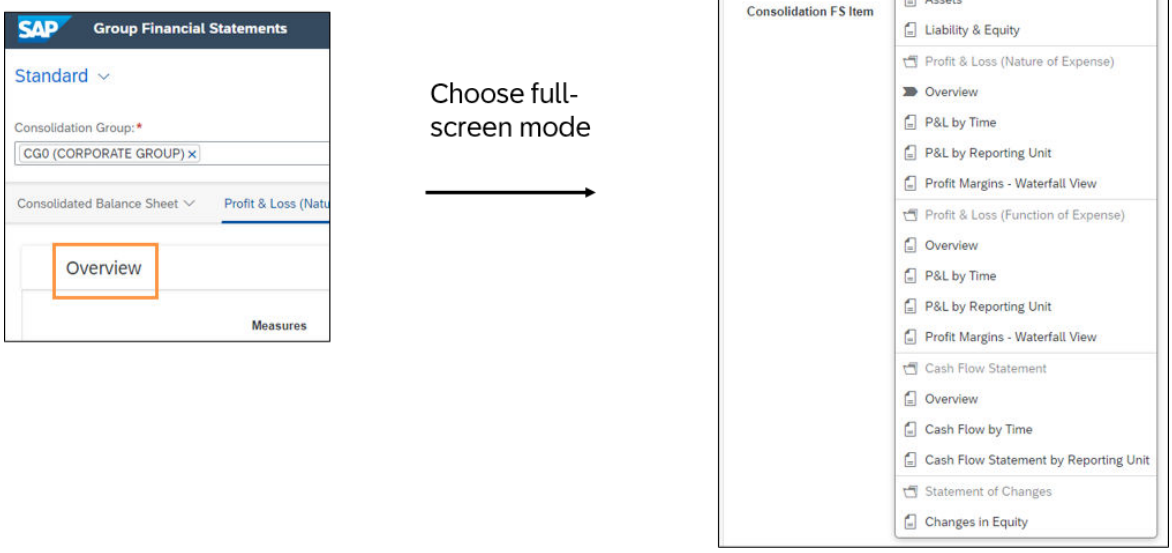
Use this key combination...	...to do
Tab	move forward (between elements)
Shift + Tab	move backward (between elements)

Use this key combination...	...to do
F6	move forward between groups (for example, between the filter bar and table)
Shift + F6	move backward between groups (for example, between the filter bar and table)
Shift + F10	open the menus
up and down arrows	move between menu options

This graphic shows the most important groups of a review booklet:



- Access all side panel features in the context menu.
- **Show Repetitive Members**: Use this context menu option to show the content of merged cells.
- Overview of business pages: In full-screen mode, choose  (*Select Page*) to see an overview of all business pages and select the one you want to open.



PDF Export

You can export data to a PDF file. In the side panel, choose *Export* () > *Export to PDF* .

'Go' Button

This button is only available in the default view. It is not available in the other views. After you've chosen *Go* to display the analytical results for the default view, the button disappears. When you open another view, change the filter settings, or enter different values, the analytical results update automatically.

Use the following sharing options:

- *Send E-Mail*
- Share to Microsoft Teams (as chat or tab)
- *Save as Tile*

'Go' Button

This button is only available in the default view. It is not available in the other views. After you've chosen *Go* to display the analytical results for the default view, the button disappears. When you open another view, change the filter settings, or enter different values, the analytical results update automatically.

'Share' Options

Use the following sharing options:

- *Send E-Mail*
- Share to Microsoft Teams (as chat or tab)
- *Save as Tile*

Proposed Filters

In the *Page Filters* panel, you can select proposed filters from the underlying standard review booklet.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	`F6133`
Application Component	• `FIN-CS-EA` (*Embedded Analytics*) • `CA-GTF-RB` (*Review Booklet*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

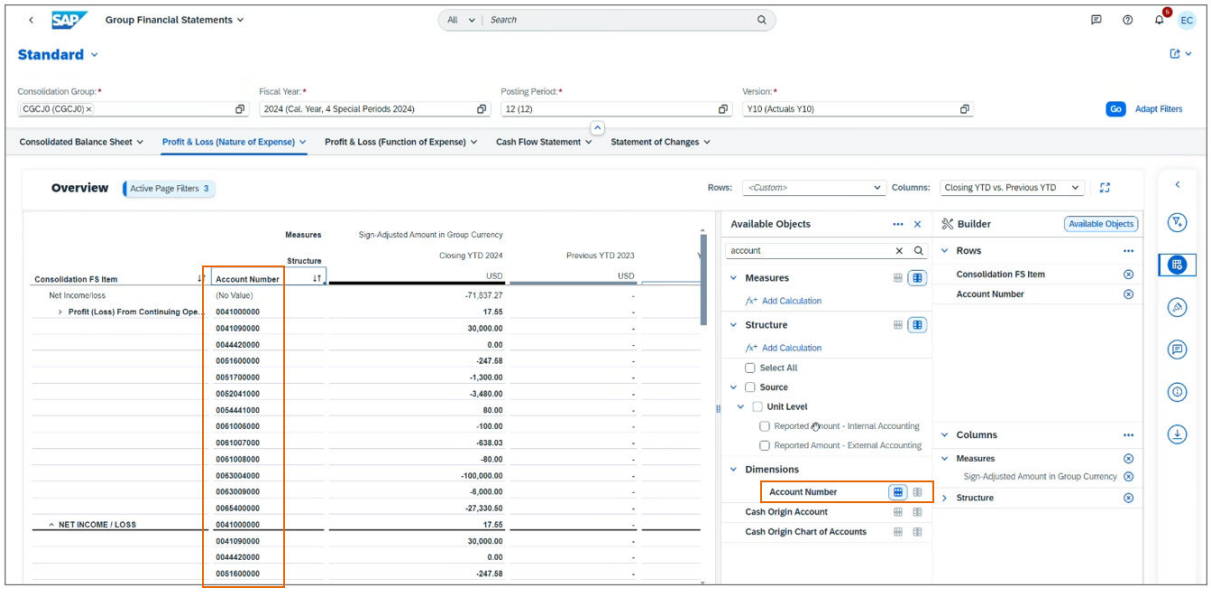
Group Financial Statements - Review Booklet

4.2.9.29 "G/L Accounts" Dimension Added to "Group Financial Statements Review Booklet"

Business Details

In the *Group Financial Statements Review Booklet*, the *G/L Accounts* dimension has been added. The UI text is *Account Number*. To display the hierarchy, proceed as follows: Right-click *Account Number* and choose *Hierarchy* > *Select Hierarchy* and then select *Flat presentation* or a hierarchical presentation.

Here's what it looks like in the system:



> ### Note
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	2U6 (Group Reporting - Data from External Systems)
Technical Object Name	F6133 (*Group Financial Statements Review Booklet*)
Application Component	• FIN-CS-EA (*Embedded Analytics for S/4Hana Finance for Group Reporting*) • FIN-CS-RA (*Group Financial Statement Review App*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Group Financial Statements - Review Booklet

4.2.9.30 New Balance Validation Process

Business Details

A new balance validation infrastructure for financial data is available for group reporting.

Balance validation is a required step in both the data preparation phase and the consolidation phase. The consistency of reported, standardized, and consolidated financial data must be checked according to the balance validation rules bundled in rule groups that are assigned to each consolidation unit or consolidation group. This can be done with the following new configuration activity and new or adapted apps:

- *Define Balance Validation Tasks* configuration activity
- Importing/Exporting Balance Validation Settings for Group Reporting (F3663)
- Assign Rule Groups for Balance Validation - Group Reporting (F8138)
- Manage Balance Validation Rules and Rule Groups - Group Reporting (F8001)
- Run Balance Validation and View Results - Group Reporting (F7999)

Here's some background information: The traditional approach involved loading data into the system and validating it after local books and trial balances were closed. However, this process was time-consuming and often resulted in data inconsistencies. The new approach aims to provide a more holistic view of validation by integrating the accounting and group reporting world: You can now preview the consolidation preparation phase even before local books are closed. This is achieved through a new balance validation framework, which allows for the validation of accounting data and group reporting dimensions on the ACDOCA and ACDOCU tables.

Compared to the old data validation process, the new balance validation process offers the following additional advantages:

- Rule definition (descriptions) supports multiple languages
- New operand: *Closing Balance for Previous Year*
- YTD/QTD quantity and QTD amount are available as new operands.
- Rule groups can have multiple hierarchy levels (compared with validation methods).
- Subgroup reuse in rule group definition: You can define a rule group by referencing subgroups from another rule group (source rule group).

Implementation Details

Authorizations

To enable users to access the balance validation apps, their business users need to have the following business catalogs assigned:

Configuration Activity/Apps	Role Template	Business Catalog
Define Balance Validation Tasks	*Configuration Expert - Business Process Configuration* (SAP_BR_BPC_EXPERT)	*Consolidation - Balance Validation Tasks Configuration* (SAP_CA_BC_IC_LND_FIN_BV0)
Importing/Exporting Balance Validation Settings for Group Reporting	*Administrator - Group Reporting* (SAP_BR_ADMINISTRATOR_GRP)	
Importing/Exporting Balance Validation Settings for Group Reporting	*Group Accountant* (SAP_BR_GRP_ACCOUNTANT), *Administrator - Group Reporting* (SAP_BR_ADMINISTRATOR_GRP)	*Consolidation - Balance Validation Configuration of Rules and Groups* (SAP_FIN_BC_CCON_BVRGCNF)
Manage Balance Validation Rules and Rule Groups - Group Reporting	*Group Accountant* (SAP_BR_GRP_ACCOUNTANT), *Administrator - Group Reporting* (SAP_BR_ADMINISTRATOR_GRP)	*Consolidation - Balance Validation Configuration of Rules and Groups* (SAP_FIN_BC_CCON_BVRGCNF) *Consolidation - Balance Validation Results* (SAP_FIN_BC_CCON_BVRESULT)
Run Balance Validation and View Results - Group Reporting	*Group Accountant* (SAP_BR_GRP_ACCOUNTANT), *Administrator - Group Reporting* (SAP_BR_ADMINISTRATOR_GRP)	*Consolidation - Balance Validation Results* (SAP_FIN_BC_CCON_BVRESULT)
	External Auditor - Group Reporting (SAP_BR_EXTERNAL_AUDITOR_GRP)	*Consolidation - Display of Balance Validation Apps* SAP_FIN_BC_CCON_BVREAD)

Configuration

To configure the new process, use the following configuration activity and apps:

- Configuration activity *Define Balance Validation Tasks* under *SAP S/4HANA for Group Reporting* > *Data Collection for Consolidation*
- Assign Rule Groups for Balance Validation - Group Reporting (F8138)
- Manage Balance Validation Rules and Rule Groups (F8001)

Effects on Existing Data

The old validation tasks (task categories 03, 06, and 70) are not available anymore and the customizing apps have been deprecated with this release. For more information, see Deprecation of Data Validation Apps with Successors [page 319].

To migrate to the new balance validation framework, use the *Assign Rule Group for Balance Validation* app. You will automatically migrate to the new framework. For more information, see SAP Note 3643976 - Group Reporting: Migration to new Balance Validation in Private Cloud/OP and blog post SAP S/4HANA Group Reporting - New Balance Validation Process.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-BV` (*Balance Validation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Balance Validation

4.2.9.31 Cross-Version Balance Validation

Business Details

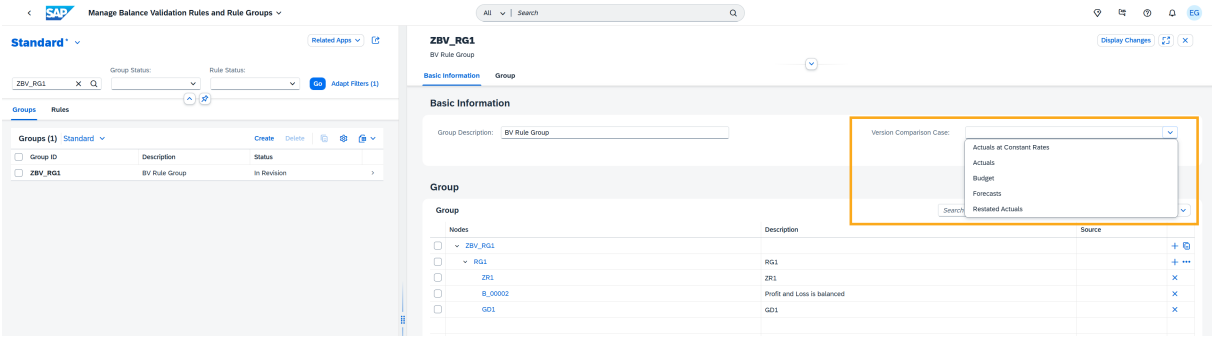
With this feature, you can define validation rules that can compare figures between two consolidation versions, for example, *Actuals* vs *Budget*.

In the configuration, the new *Define Comparison Versions* configuration activity provides the following predefined version comparison cases that enable you to define the comparison cases that are needed regularly:

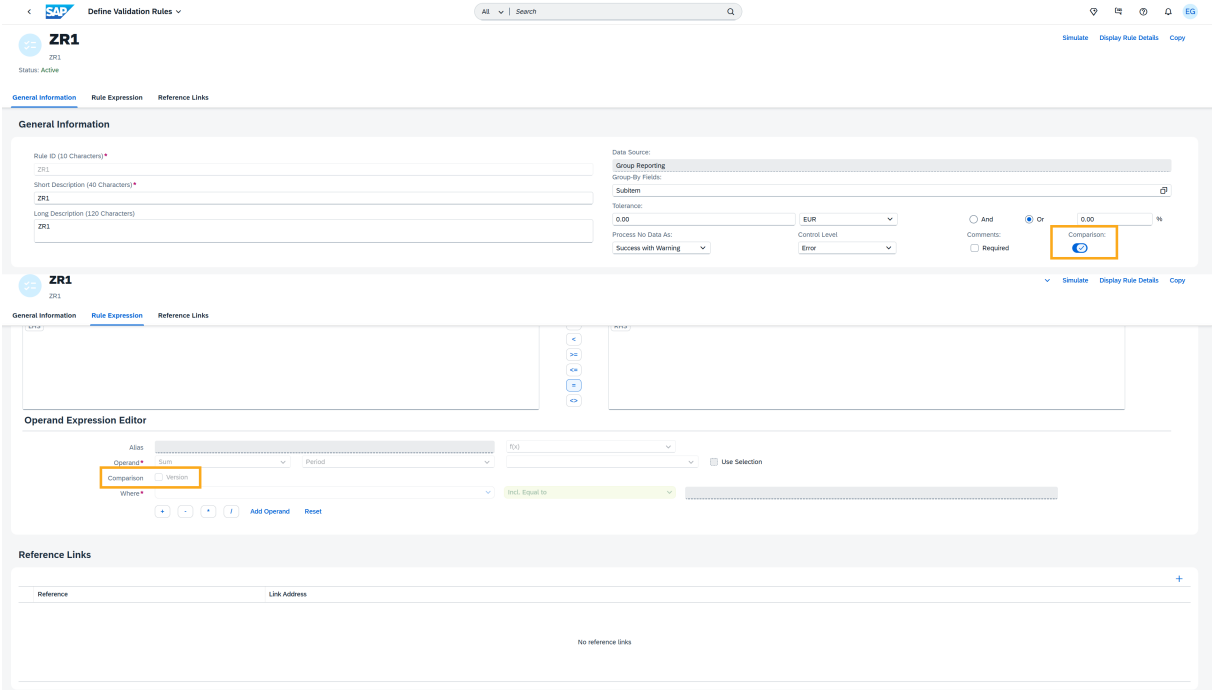
- Actuals
- Actuals at Constant Rates

- Budget
- Forecasts
- Restated Actuals

In the *Manage Balance Validation Rules and Rule Groups* app, you then can assign a version comparison case to a rule group:



Within a rule group, you can select individual rules to activate the comparison version feature for them and define the specific rule expression as a comparison version. You do this in the *Define Validation Rules* app:



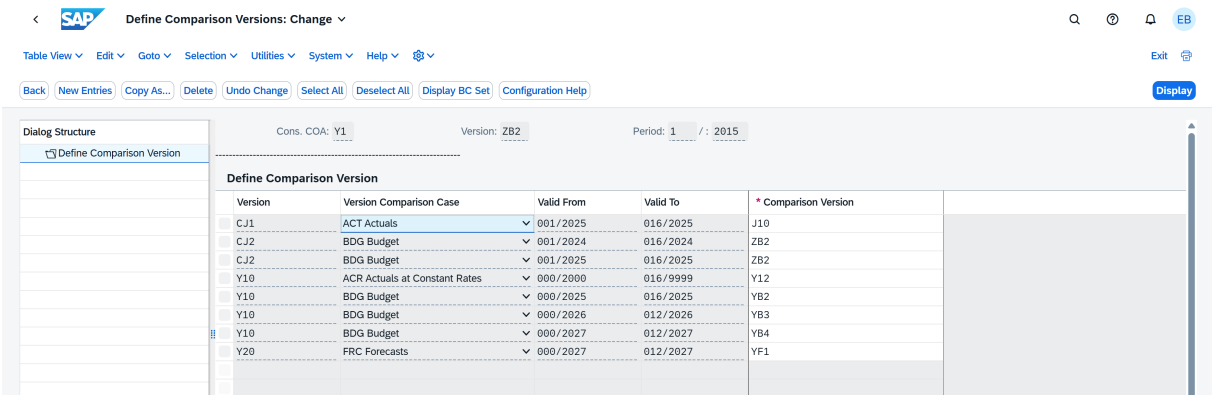
When you execute a balance validation task in the *Data Monitor* app, using a rule group for which the comparison version is active, this information gets displayed in the task result log.

> ### Note
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

Implementation Details

Configuration

To be able to use this feature, you have to define a comparison version for the actual consolidation version within a specific validity time frame in the *Define Comparison Versions* configuration activity:



In Customizing for SAP S/4HANA for Group Reporting, navigate to *Master Data* > *Define Comparison Versions*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App ID: `F8001`
Application Component	`FIN-CS-BV` (*Balance Validation for Group Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Balance Validation

New Balance Validation Process [page 310]

4.2.9.32 Overwrite Rule Control Level for Balance Validation

Business Details

With this feature, you can change the message type from *Error* to *Warning* for the balance validation tasks with task category *Balance Validation in Accounting* in the *Define Balance Validation Tasks* configuration activity.

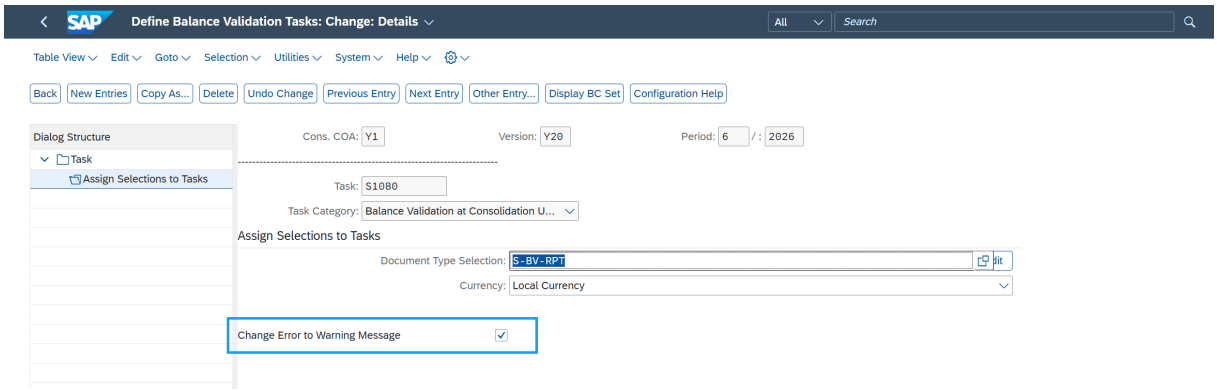
This change can be necessary if you want to add a balance validation task to the *Task Group* or *Data Monitor*, but don't want to force the correction of all errors in the accounting source.

If you correct an error in Group Reporting on posting level `0C` that originates from accounting, the error remains in the balance validation task for the accounting data source. The task can't be locked, even though the error is fixed within Group Reporting. By switching the message type from *Error* to *Warning*, you now can lock this task.

The previous errors are also displayed as warnings in the task log. They no longer reflect the settings of the validation rules. You can use this feature only for the data source Accounting.

Changes to the User Interface

In the *Define Balance Validation Tasks* configuration activity, the *Change Error to Warning Message* checkbox is provided on the *Assigned Selections to Task* level:



> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

Implementation Details

If you want to use this feature, you have to implement SAP Note 3641526 (*Balance Validation: Convert Error to Warning*).

Configuration

In Customizing for SAP S/4HANA for Group Reporting, navigate to *Data Collection for Consolidation* > *Define Balance Validation Tasks*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-BV` (*FIN-CS-BV (Balance Validation)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Balance Validation
New Balance Validation Process [page 310]

4.2.9.33 New Job Template for Balance Validation

Business Details

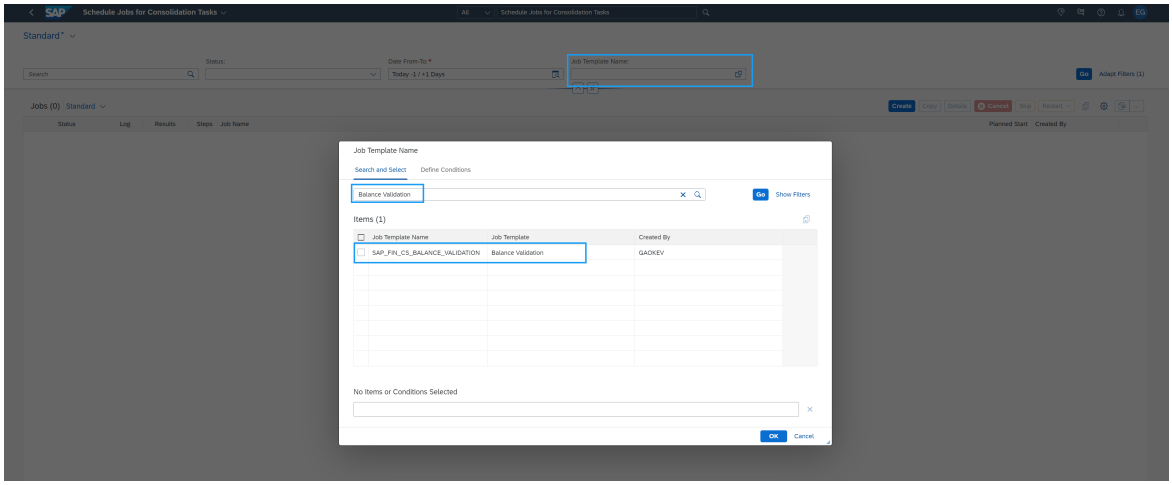
You now can schedule jobs for balance validation in the *Schedule Jobs for Consolidation Tasks* app.

In the app, the *Balance Validation* (`SAP_FIN_CS_BALANCE_VALIDATION`) job template is provided for this purpose. It covers the following task categories:

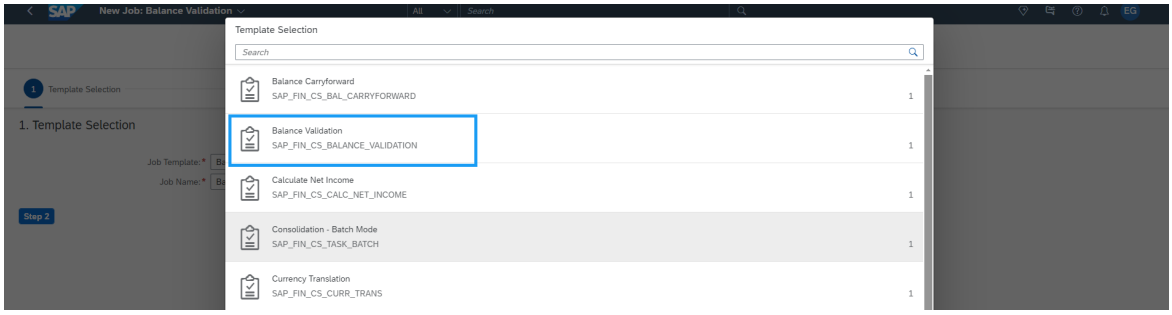
- 87: Balance Validation in Accounting
- 88: Balance Validation at Consolidation Unit Level
- 89: Balance Validation at Consolidation Group Level

In the app you can find the job template as follows:

- By using the *Job Template Name* field:



- By choosing *Create* and then selecting the job template in the *Template Selection* step:



> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

Implementation Details

Customizing

If you want to use the balance validation tasks in the *Data Monitor* and/or *Consolidation Monitor*, you have to assign the task categories specified above to the respective task groups. In Customizing for SAP S/4HANA for Group Reporting, choose the *Define Task Group* configuration activity under *Configuration for Consolidation Processing*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	`F5572` (*Schedule Jobs for Consolidation Tasks*)
Application Component	`FIN-CS-BV` (*Balance Validation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

New Balance Validation Process [page 310]
Schedule Jobs for Consolidation Tasks
Balance Validation Tasks and Task Categories
Balance Validation
Define Balance Validation Tasks

4.2.9.34 App Import/Export Validation Settings Renamed

Business Details

To more accurately reflect the app use and also enable more master data or settings in the import and export between systems by using spreadsheet in future releases, the *Import/Export Validation Settings* (ID: `F3663`) app is renamed to *Import/Export Current Settings - Group Reporting*.

Currently, selections, rules, rule groups, and rule group assignments for validation and posting are supported in the app.

Implementation Details

Authorizations

To enable users to access the app, their business users need to have at lease one of the following business catalogs:

- *Consolidation - Validation Method Definition* (`SAP_FIN_BC_VE_METHOD`)
- *Consolidation - Validation Rule Definition* (`SAP_FIN_BC_VE_RULE`)
- *Consolidation - Posting Rules Configuration* (`SAP_FIN_BC_CCON_CNFPRLS `)

Technical Details

Action	Action/Review Required
Type	Changed
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Application Component	`FIN-CS-VE` (*Validation Engine*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Import/Export Current Settings - Group Reporting
New Balance Validation Process [page 310]

4.2.9.35 Deprecation of Data Validation Apps with Successors

Business Details

With a new balance validation process becomes available, the old version of a number of data validation apps are deprecated and will be removed in an upcoming release. We strongly recommend that you switch to the successor apps as soon as possible.

The deprecated apps and their successors are listed in the following table:

Deprecated Apps with Successors

Deprecated App	Successor	Authorizations for Successor	App Documentation
Assign Validation Methods (VECMA)	*Assign Rule Group for Balance Validation - Group Reporting* (F8138)	At lease one of the following business catalogs should be assigned to the business user: • *Consolidation - Display of Balance Validation Apps* (SAP_FIN_BC_CCON_BV READ) • *Consolidation - Balance Validation Configuration of Rules and Rule Groups* (SAP_FIN_BC_CCON_BV RGCNF)	Assign Rule Groups for Balance Validation - Group Reporting
Define Validation Methods (F2655)	*Manage Balance Validation Rules and Groups - Group Reporting* (F8001)	At lease one of the following business catalogs should be assigned to the business user: • *Consolidation - Display of Balance Validation Apps* (SAP_FIN_BC_CCON_BV READ) • *Consolidation - Balance Validation Results* (SAP_FIN_BC_CCON_BV RESULT) • *Consolidation - Balance Validation Configuration of Rules and Rule Groups* (SAP_FIN_BC_CCON_BV RGCNF)	Manage Balance Validation Rules and Rule Groups - Group Reporting

Deprecated App	Successor	Authorizations for Successor	App Documentation
Import and Export Validation Rules and Methods (VECIE)	*Import/Export Current Settings - Group Reporting* (F3663)	At lease one of the following business catalogs should be assigned to the business user: • *Consolidation - Validation Method Definition* (SAP_FIN_BC_VE_METHOD) • *Consolidation - Validation Rule Definition* (SAP_FIN_BC_VE_RULE) • *Consolidation - Posting Rules Configuration* (SAP_FIN_BC_CCON_CNFPRLS)	Import/Export Current Settings - Group Reporting
Manage Data Validation Tasks - Reported Data (F2653) *Manage Data Validation Tasks - Standardized Data* (F8364) *Manage Data Validation Tasks - Consolidated Data* (F8365) *Validation Result Analysis - Unit View* (F3484) *Validation Result Analysis - Group View* (F8366)	*Run Balance Validation and View Results - Group Reporting* (F7999)	At lease one of the following business catalogs should be assigned to the business user: • *Consolidation - Balance Validation Results* (SAP_FIN_BC_CCON_BVRESULT) • *Consolidation - Display of Balance Validation Apps* (SAP_FIN_BC_CCON_BVREAD)	Run Balance Validation and View Results - Group Reporting

Implementation Details

Authorizations

To enable users to access the new apps, their business users need to have the relevant business catalog assigned. For more information, see the table above.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	See the table above
Application Component	*Balance Validation for Group Reporting* (`FIN-CS-BV`) *Validation Engine Framework* (`FI-FIO-VE`)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

New Balance Validation Process [page 310]
Balance Validation
App Import/Export Validation Settings Renamed [page 318]

4.2.9.36 New 'Entry Date/Time' Field in Analytical Group Reporting Apps

Business Details

To make the analytical group reporting apps more consistent, changes have been made to the *Entry Date*, *Time of Entry*, and *Timestamp* fields.

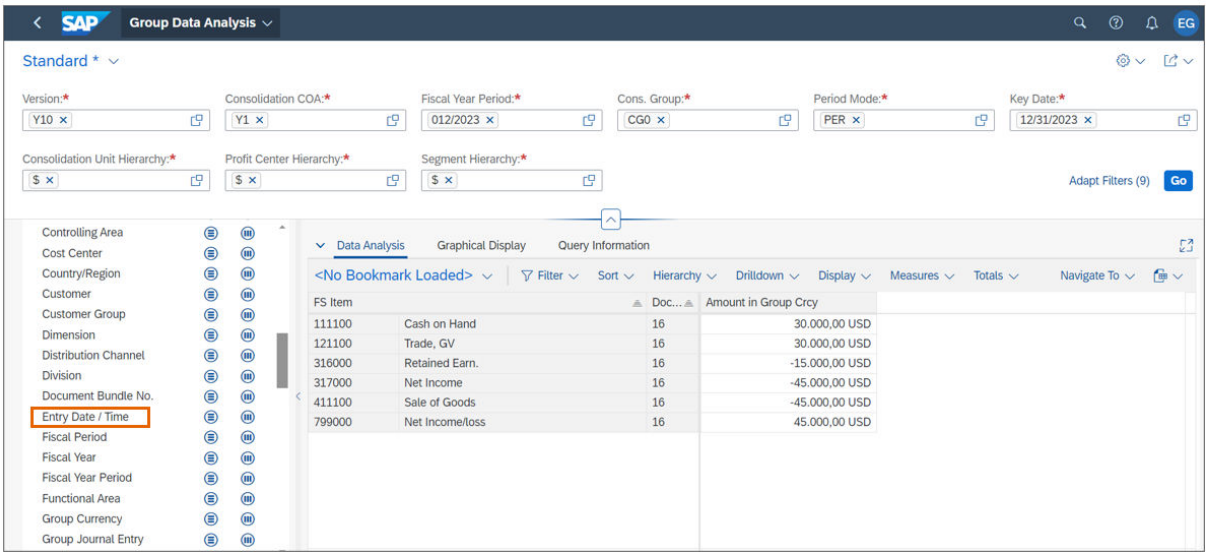
In the following apps, the separate *Entry Date* and *Time of Entry* fields have been replaced with one combined *Entry Date/Time* field:

- Group Data Analysis
- Group Data Analysis - With Reporting Rules
- Group Financial Statements Review Booklet

In the following two apps, this field was already available and called *Timestamp*. It has been renamed to *Entry Date/Time*.

- Display Group Journal Entries
- Display Group Journal Entries with Reporting Logic

Here's what this looks like in the system:



> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2U6 (Group Reporting - Data from External Systems)
Technical Object Name	• F2573 (*Display Group Journal Entries*) • F3831 (*Display Group Journal Entries with Reporting Logic*) • F4325 (*Group Data Analysis*) • F4324 (*Group Data Analysis with Reporting Rules*) • F6133 (*Group Financial Statements Review Booklet*)
Application Component	FIN-CS-EA (*Embedded Analytics*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.37 New Review Booklet: Group View on Accounting

Business Details

The new *Group View on Accounting Review Booklet* app helps you to analyze and validate accounting data in group reporting. It includes the following business pages: *Balance Sheet*, *Profit & Loss - Nature of Expense*, *Profit & Loss - Function of Expense*, and *Cash Flow Statement*.

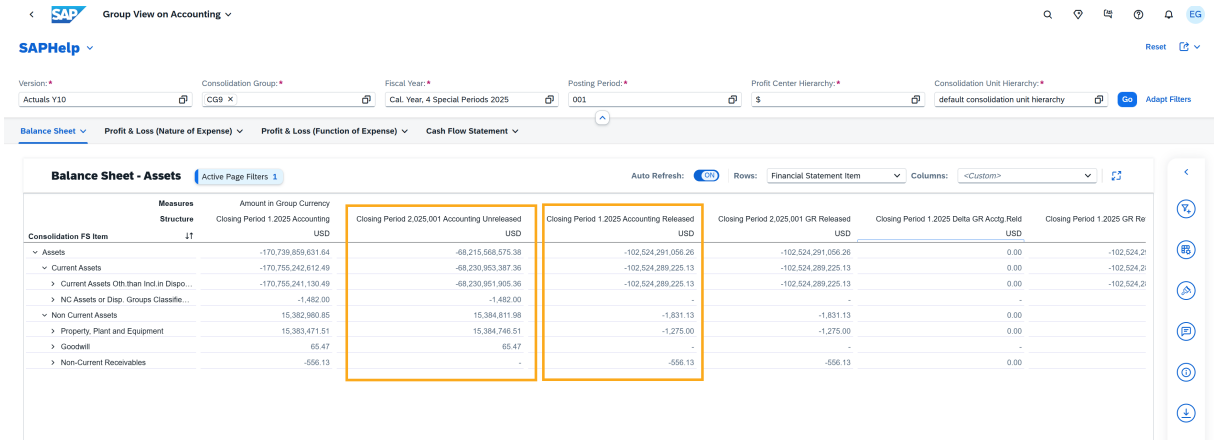
Analyzing Released and Unreleased Accounting Data

You can query and analyze unreleased and released accounting data in the app. It provides the *Accounting Unreleased* and *Accounting Released* column on the following business pages:

- Balance Sheet
- Profit & Loss (Nature of Expense)
- Profit & Loss (Function of Expense)
- Cash Flow Statement

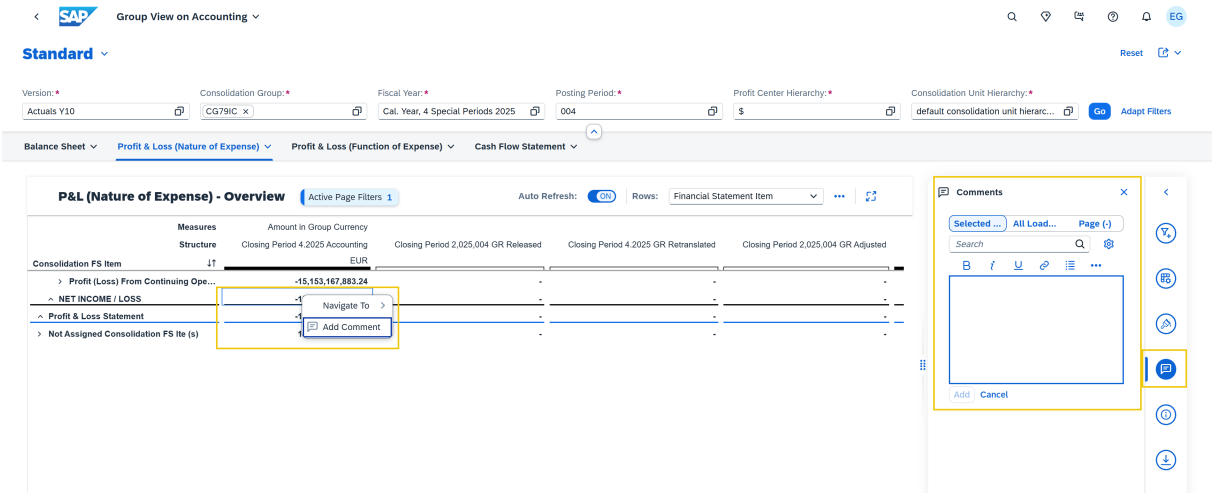
Each business page uses the page filter and the respective column filter with a specific timestamp filter to query data in table **ACDOCA**. The data that is shown in the *Accounting Unreleased* column has not yet been transferred to table **ACDOCU**, meaning it is unreleased for group reporting.

The following screenshot shows the *Closing Period for Accounting Unreleased* column and the *Closing Period for Accounting Released* column on the *Balance Sheet* business page, as an example:



Commenting Feature

You can create, display, search, and rename comments for data cells in the *Group View on Accounting Review Booklet* app. In the app, you can access the *Comments* feature either in the side panel or by right clicking a cell and selecting *Add Comment* from the menu:



> ### Note
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system can look slightly different due to configuration and extensibility options available.

Implementation Details

When you're using the review booklet for the first time, you need to follow the setup instructions. For more information, see Setting Up Review Booklets.

> ### Note
>
> Extensibility is currently not supported.

Authorizations

To enable users to use the commenting feature, their business users need to have the following business catalogs assigned:

- `SAP_BW_BC_COMMENT_ADM`: Provides access for delete, create, and full access.
- `SAP_BW_BC_COMMENT`: Provides access for create and display only.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App ID: `F6401`
Application Component	`FIN-CS-EA` (*Embedded Analytics*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Review Booklets
Group View on Accounting Review Booklet

4.2.9.38 New App "Consolidation Monitor (New Version)"

Business Details

The *Consolidation Monitor (New Version)* app offers you a modern user interface with the latest SAP Fiori technology (such as filtering and sorting). To make the closing process experience better, you can perform several actions with just one click, for example perform a full consolidation or open and close periods.

The app offers the following benefits:

- You can run a full consolidation for all automatic tasks with one click.
- You can open and close several fiscal year periods for several consolidation groups with one click thanks to the introduction of process year periods that group multiple fiscal year periods.
  In the old *Consolidation Monitor* app, you can open only one period and one consolidation group.
- You can process multiple fiscal year periods with one click thanks to the introduction of process year periods.

> ⚠ Caution
>
> SAP recommends you use only one app to consolidate your financial data, either the “old” app (*Consolidation Monitor*) or the “new” app (*Consolidation Monitor (New Version)*). Do not switch between the old and new app since it can lead to data inconsistencies.

Implementation Details

Customizing

In order to group multiple fiscal year periods in one process year period, you have to perform the following Customizing activities:

- *Define Process Period Cycles*
- *Assign Process Period Cycles*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App-ID: `F7271`
Application Component	`FIN-CS-COR-MON` (*Monitor*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Consolidation Monitor (New Version)

4.2.9.39 OData APIs for Group Reporting

There are new and enhanced OData APIs available for group reporting.

New OData APIs

Name	Technical Object Name	Type
Consolidation Material	`API_CNSLDTNMATERIAL`	ODATA V4
Consolidation Material Group	`API_CNSLDTNMATERIALGROUP`	ODATA V4

Name	Technical Object Name	Type
Consolidation Distribution Channel Hierarchy	API_CNSLDTNDISTRCHNLHIER	ODATA V4
Consolidation Billing Document Type Hierarchy	API_CNSLDTNBLGDOCTYPEHIER	ODATA V4
Consolidation Division Hierarchy	API_CNSLDTNDIVISIONHIER	ODATA V4
Consolidation Industry Hierarchy	API_CNSLDTNINDUSTRYHIER	ODATA V4
Consolidation Plant Hierarchy	API_CNSLDTNPLANTHIERARCHY	ODATA V4
Consolidation Product Group Hierarchy	API_CNSLDTNPRODGROUPHIER	ODATA V4
Consolidation Sales District Hierarchy	API_CNSLDTNSALESDSTRCTHIER	ODATA V4
Consolidation Profit Center Hierarchy	API_CNSLDTNPRFTCTRHIER	ODATA V4
Consolidation Cost Center Hierarchy	API_CNSLDTNCOSTCENTERHIER	ODATA V4
Consolidation Segment Hierarchy	API_CNSLDTNSEGMENTHIER	ODATA V4
Consolidation Functional Area Hierarchy	API_CNSLDTNFUNCNLAREAHIER	ODATA V4
Consolidation Group	API_CONSOLIDATIONGROUP	ODATA V4
Consolidation Financial Management Area	API_CNSLDTNFINMGMTAREA	ODATA V4
Consolidation Fund	API_CNSLDTNFUND	ODATA V4
Consolidation Fund Hierarchy	API_CNSLDTNFUNDHIERARCHY	ODATA V4
Consolidation Grant	API_CNSLDTNGRANT	ODATA V4
Consolidation Grant Hierarchy	API_CNSLDTNGRANTHIERARCHY	ODATA V4
Consolidation Financial Services Product Group	API_CNSLDTNFINSRVCSPRODGRP	ODATA V4
Consolidation Financial Services Branch	API_CNSLDTNFINSRVCSBRANCH	ODATA V4
Consolidation Financial Data Source	API_CNSLDTNFINDATASOURCE	ODATA V4
Consolidation Financial Services Product Group Hierarchy	API_CNSLDTNFINSPRODGRPHIER	ODATA V4
Consolidation Global Parameter	API_CNSLDTNGLOBALPARAMETER	ODATA V4

Enhanced OData API

The OData V2 API *Consolidation Unit* for Group Reporting has been enhanced. You now can also execute *Create*, *Update*, and *Delete* operations. The API is provided on the SAP Business Accelerator Hub.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	`2U6` (Group Reporting – Data from External Systems)
Preparation Required	No
Application Component	`FIN-CS` (**S/4HANA for Group Reporting**)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

https://api.sap.com/products/SAPS4HANA/apis/all

4.2.9.40 New CDS Views for Group Reporting

Business Details

There are new CDS views for Group Reporting.

The following CDS views are new:

Name	Technical Name
Consolidation FS Item Mapping	`I_CnsldtnFSItemMapping`
Consolidation FS Item Mapping Revision	`I_CnsldtnFSItemMappingRevision`
Consolidation FS Item to G/L Account Mapping	`I_CnsldtnFSItemGLAccountMappg`
Consolidation FS Item Mapping Assignment	`I_CnsldtnFSItemMappingAssgmt`

Name	Technical Name
Consolidation Billing Document Type Hierarchy	`I_CnsldtnBillingDocTypeHier`
Consolidation Distribution Channel Hierarchy	`I_CnsldtnDistrChannelHierarchy`
Consolidation Division Hierarchy	`I_CnsldtnDivisionHierarchy`
Consolidation Industry Hierarchy	`I_CnsldtnIndustryHierarchy`
Consolidation Material Group Hierarchy	`I_CnsldtnMaterialGroupHier`
Consolidation Plant Hierarchy	`I_CnsldtnPlantHierarchy`
Consolidation Product Group Hierarchy	`I_CnsldtnProductGroupHierarchy`
Consolidation Sales District Hierarchy	`I_CnsldtnSalesDistrictHier`
Consolidation Subitem_2	`I_CnsldtnSubitem_2`
Consolidation Subitem Category	`I_CnsldtnSubitemCategory_2`
Consolidation Subitem Hierarchy	`I_CnsldtnSubitemHierarchy`
Consolidation Greenhouse Gas Category	`I_CnsldtnGHGCategory`
Consolidation Greenhouse Gas Data Quality Characteristic	`I_CnsldtnGHGDtaQltyCharc`
Consolidation Greenhouse Gas Energy Classification	`I_CnsldtnGHGEngyClassification`
Consolidation Greenhouse Gas Energy Mix	`I_CnsldtnGHGEnergyMix`
Consolidation Greenhouse Gas Energy Sourcing Type	`I_CnsldtnGHGEnergySourcingType`
Consolidation Greenhouse Gas Scope	`I_CnsldtnGHGScope`
Consolidation Greenhouse Gas Scope 2 Calculation Method	`I_CnsldtnGHGScp2CalcMethod`
Consolidation Greenhouse Gas Scope 2 Contractual Instrument	`I_CnsldtnGHGScp2CntrctlInstr`

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)

Application Component	`FIN-CS` (**S/4HANA for Group Reporting**)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.41 Supporting Different Amounts with Same Key in Local Currency and Group Currency

Business Details

In group reporting, it's now possible to release data from accounting with different amounts in the local currency and group currency fields, even though the local currency key equals the group currency key.

This is because, for example, the translation from the transaction currency to the local currency and to the group currency can use different exchange rates.

Before the 2025 release these value differences caused issues during the calculation of the net income in the next year. Hence, it was needed to correct the group currency value by posting a correction on posting level `0C` - *Reported Data: Deactivated Checks*.

As of release 2025, these differences can be reconciled.

For this purpose, the following features have been enhanced:

- Calculation of the Net Income: The net income is calculated in local currency and in group currency. If the reported data shows differences, this results in differences in the calculated net income.
  Previously, the system calculated the net income in local currency and copied the results into the group currency, which created imbalances in group currency.

  > **Note**
  >
  > An exception to this is when the reported data doesn't include group currency values. In this case, the system still copies the net income in local currency into the group currency.

- Currency translation: The option *Reconcile LC with GC in standard version* is available now in the currency translation method. When this option is marked, the local currency of the consolidation is the same as the group currency, and when the option *Group Currency is Leading* isn't selected in the consolidation unit master data, the currency translation task is set to *Relevant* in the Data Monitor for the standard versions. When the currency translation task is executed, the system copies the values in local currency to the group currency. This applies to all version types.
  If the option *Group Currency is Leading* is selected for the consolidation unit, this copy doesn't happen.

  > **Note**
  >
  > The option *Group Currency is Leading Currency* is only available if you've selected *Group Currency is Leading* in the *Check Global System Settings* Customizing activity (transaction code `CXB3`). Otherwise, the option isn't visible.

- Reclassification: When a reclassification triggers the calculation of the net income, the net income is calculated in local currency and in group currency. Previously, the net income was calculated in local currency and copied to the group currency. However, reclassification results still copy local currency amounts to group currency amounts, if no values in group currency are available.

Implementation Details

Customizing

You select the option to reconcile local currency with group currency in the Customizing activity *Define Currency Translation Methods*. You can find this setting in Customizing for *SAP S/4HANA for Group Reporting* under *Currency Translation for Consolidation* > *Define Currency Translation Methods* (or transaction `CXD1`).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-COR` (*Core Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.42 Enhancements to Preparation for Consolidation Group Changes

Business Details

With this feature, the system now adjusts financial data sequentially, period by period instead of processing all periods at once. This applies to the adjustments posted with the following record types:

- *E- Equity*
- *A - Acquisition*
- *D - Divestiture*

In addition, the settings of the delivered document types that are used by *Preparation for Consolidation Group Changes* have changed: The option to post also *Quantity* is now selected.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-COR-PCC` (*Preparation Consolidation Group Changes*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Preparation for Consolidation Group Changes

4.2.9.43 No Deletion of Reversal Documents during Balance Carryforward

Business Details

With this feature, the handling of obsolete reversal documents is changed and they're no longer deleted.

During balance carryforward (BCF) an additional process to generate reversal documents that are posted into the next fiscal year is triggered. However, these reversal documents might become obsolete later due to one of the following reasons:

- Local currency change of a consolidation unit
- Change of applicable exchange rate after local currency change
- Adjustments to document type mapping

Previously, the system deleted obsolete reversal documents that were posted into the next fiscal year. However, this caused a limitation when replicating data into BW systems that don't detect deleted documents.

Now, obsolete reversal documents are no longer deleted. The *Reversal Year* and *Original Document No.* fields are cleared from the obsolete document and its timestamp is updated using the update function. Additionally,

a new document with inverted key figure values is posted to cancel the old document in the same posting period.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-COR-BCF` (*Balance Carry Forward*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Balance Carryforward

4.2.9.44 Automatic Postings

Business Details

This feature enables you to automatically post group journal entries for consolidation units and pairs of consolidation units by running consolidation tasks in the data or the consolidation monitor. Financial data reported by consolidation units sometimes needs to be completed, adjusted, or standardized to comply with the group requirements. You can now use the following new Customizing activity as well as several new or adapted apps to configure and set up rules for automatic postings:

- Define Tasks for Automatic Postings (transaction code `FINCS_RT_DF`)
- Manage Rules for Automatic Postings (`F8339`)
- Assign Rule Groups for Automatic Postings (`F8439`)
- Import/Export Current Settings - Group Reporting (`F3663`: App was enhanced for posting rules)
- Display Logs for Automatic Postings (`F8345`)

You can configure rules to automate postings on consolidation units or on pairs of consolidation units for the following scenarios:

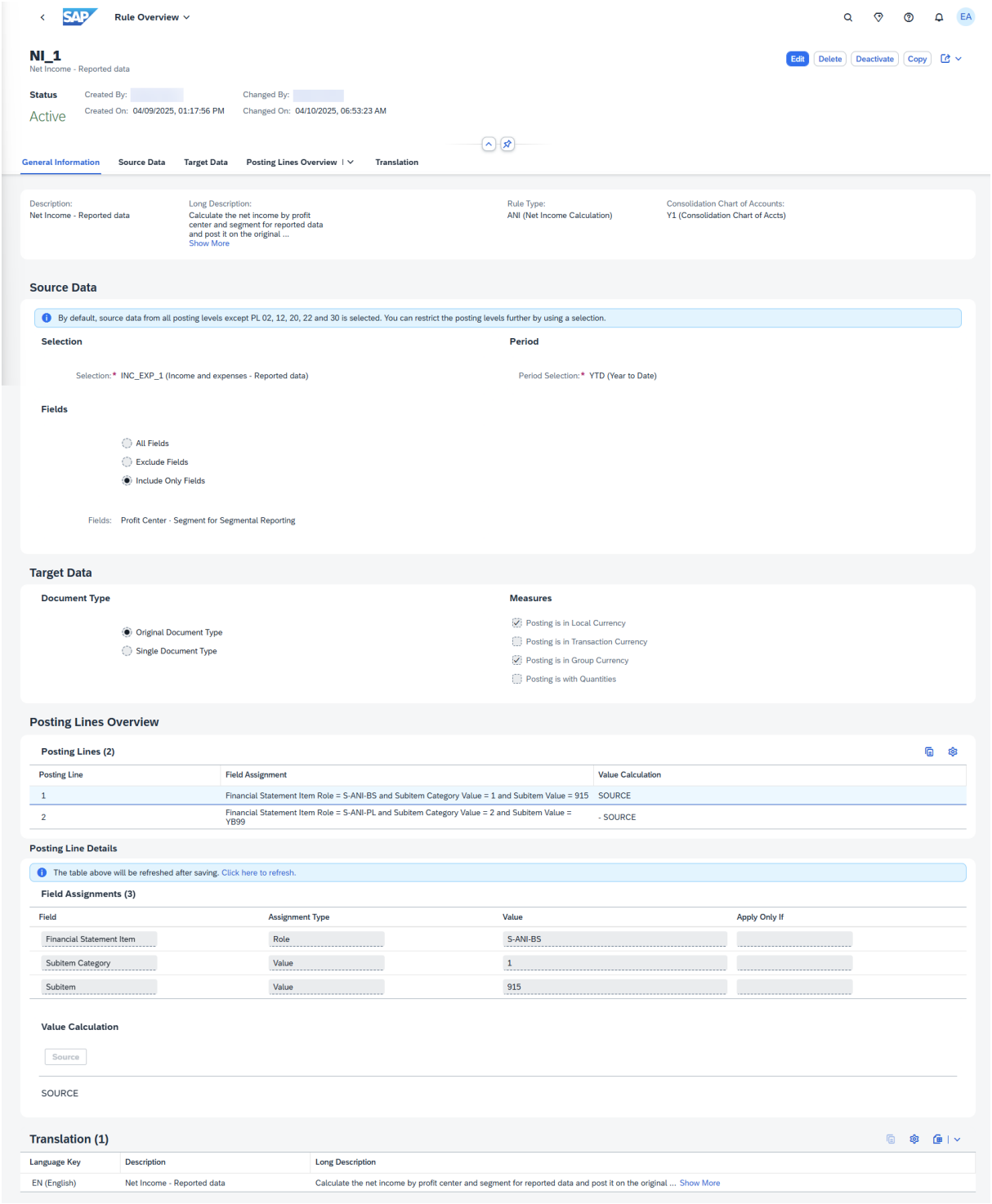
- Calculation of net income for the reported financial data

- Adjustments and standardization of reported financial data
- Elimination of internal sales
- Elimination of interunit accounts receivables and accounts payables

Examples of the User Interface

> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

The following screenshot provides an example of a posting rule and its details in the *Manage Rules for Automatic Postings* app.


Rule Overview
EA
NI_1
Net Income - Reported data
Edit
Delete
Deactivate
Copy
Status
Active
Created By:
Created On: 04/09/2025, 01:17:56 PM
Changed By:
Changed On: 04/10/2025, 06:53:23 AM
General Information
Source Data
Target Data
Posting Lines Overview
Translation
Description:
Net Income - Reported data
Long Description:
Calculate the net income by profit center and segment for reported data and post it on the original ...
Show More
Rule Type:
ANI (Net Income Calculation)
Consolidation Chart of Accounts:
Y1 (Consolidation Chart of Accts)
Source Data
By default, source data from all posting levels except PL 02, 12, 20, 22 and 30 is selected. You can restrict the posting levels further by using a selection.
Selection
Selection:* INC_EXP_1 (Income and expenses - Reported data)
Period
Period Selection:* YTD (Year to Date)
Fields
All Fields
Exclude Fields
Include Only Fields
Fields: Profit Center · Segment for Segmental Reporting
Target Data
Document Type
Original Document Type
Single Document Type
Measures
Posting is in Local Currency
Posting is in Transaction Currency
Posting is in Group Currency
Posting is with Quantities
Posting Lines Overview
Posting Lines (2)
Posting Line
Field Assignment
Value Calculation
1
Financial Statement Item Role = S-ANI-BS and Subitem Category Value = 1 and Subitem Value = 915
SOURCE
2
Financial Statement Item Role = S-ANI-PL and Subitem Category Value = 2 and Subitem Value = YB99
- SOURCE
Posting Line Details
The table above will be refreshed after saving. Click here to refresh.
Field Assignments (3)
Field
Assignment Type
Value
Apply Only If
Financial Statement Item
Role
S-ANI-BS
Subitem Category
Value
1
Subitem
Value
915
Value Calculation
Source
SOURCE
Translation (1)
Language Key
Description
Long Description
EN (English)
Net Income - Reported data
Calculate the net income by profit center and segment for reported data and post it on the original ... Show More

Implementation Details

Authorizations

To enable users to access the apps for the configuration of automatic postings, their business users need to have the following business catalogs assigned:

Configuration Activity/Apps	Role Template	Business Catalog
Define Tasks for Automatic Postings	*Configuration Expert - Business Process Configuration* (SAP_BR_BPC_EXPERT)	*Consolidation - Configuration* (SAP_CA_BC_IC_LND_FIN_CS0)
Import/Export Current Settings - Group Reporting	*Group Accountant* (SAP_BR_GRP_ACCOUNTANT), *Administrator - Group Reporting* (SAP_BR_ADMINISTRATOR_GRP)	*Consolidation - Posting Rules Configuration* (SAP_FIN_BC_CCON_CNFPRLS)
Manage Rules for Automatic Postings	*Group Accountant* (SAP_BR_GRP_ACCOUNTANT), *Administrator - Group Reporting* (SAP_BR_ADMINISTRATOR_GRP), *General Ledger Accountant - Group Reporting* (SAP_BR_GL_ACCOUNTANT_GRP)	*Consolidation - Posting Rules Configuration* (SAP_FIN_BC_CCON_CNFPRLS), *Consolidation - Read only Apps* (SAP_FIN_BC_CCON_READ)
Assign Rule Groups for Automatic Postings	*Group Accountant* (SAP_BR_GRP_ACCOUNTANT), *Administrator - Group Reporting* (SAP_BR_ADMINISTRATOR_GRP), *External Auditor - Group Reporting* (SAP_BR_EXTERNAL_AUDITOR_GRP)	*Consolidation - Posting Rules Configuration* (SAP_FIN_BC_CCON_CNFPRLS), *Consolidation - Read only Apps* (SAP_FIN_BC_CCON_READ)
Display Logs for Automatic Postings	*Group Accountant* (SAP_BR_GRP_ACCOUNTANT), *Administrator - Group Reporting* (SAP_BR_ADMINISTRATOR_GRP), *General Ledger Accountant - Group Reporting* (SAP_BR_GL_ACCOUNTANT_GRP)	*Consolidation - Posting Rules Configuration* (SAP_FIN_BC_CCON_CNFPRLS), *Consolidation - Read only Apps* (SAP_FIN_BC_CCON_READ)

Customizing

To configure the rules for automatic postings, use the following Customizing activity and apps:

- Define Tasks for Automatic Postings (transaction code FINCS_RT_DF)
  You find the Customizing activity in Customizing under *SAP S/4HANA for Group Reporting* > *Automatic Postings*.
- Manage Rules for Automatic Postings (F8339)
- Assign Rule Groups for Automatic Postings (F8439)

To copy the configuration of the rules for automatic postings to a different system, use the Import/Export Current Settings - Group Reporting app (F3663).

Effects on Existing Data

The new features don't have any impact on existing data in your system, but since the new features create new automatic postings, you must make sure that these new automatic postings do not affect other functions that post group journal entries automatically.

> **Example**
>
> You create a new rule for automatic postings to replace an existing reclassification. Once you use the new rule, you must stop to use the reclassification.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)

Technical Object Name	App ID:
	`FINCS_RT_DF`
	`F8339`
	`F8439`
	`F8345`

Application Component	`FIN-CS-RUL` (*Group Reporting Rule Engine*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Rules for Automatic Postings
Automatic Postings

4.2.9.45 Customizing for Group Reporting

Business Details

With this release, new Customizing activities are available.

Customizing Changes

Configuration for ...	New/changed configuration object	What you can do
Basic Settings	Activate Fields for Financial Services	Activate industry-specific fields for financial services in group reporting.
Basic Settings	Activate Fields for Greenhouse Gas	Activate specific fields for greenhouse gas accounting in group reporting.
Basic Settings	Activate Fields for Public Sector	Activate industry-specific fields for public sector in group reporting.
Basic Settings	Define Breakdown Categories	Breakdown categories of FS items has been enhanced so that it allows breakdown type `1` (*Optional breakdown: Initialized value allowed*) for the *Unit of Measure* field.
Master Data	Define Consolidation Master Data Fields	More flexible options in additional master data field configuration.
Data Processing	Define Task for Line Item Validation	You can define tasks for line item validation

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS` (*S4HANA Financial Consolidation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.46 Debit/Credit Indicator in the Manual Group Journal Entries Apps

Business Details

With this feature, you can use the new *Debit/Credit* indicator in the *Post Group Journal Entries* and the *Import Group Journal Entries* app. This indicator displays along with sign-free amounts (in local, group, and transaction currencies) and quantities. The amounts and quantity fields don´t have a sign. There's also a new balance section which displays the *Debit/Credit* balance per amount field and currency code/unit of measure.

Implementation Details

Please consider the following notes before you activate this feature:

- You cannot post a manual journal with debit and credit amounts or quantity in a single line.

  > ✤ Example
  >
  > If the quantity has a different sign to the rest of the amounts, you have to enter it in a separate line.

- The system also displays manual journal entries created in the past with the *Debit/Credit* indicator and sign-free amounts.
  If the user opens a posted manual journal where there is both a positive and negative sign in one line, the journal is displayed as if the *Debit/Credit* indicator is off.

Customizing

In order to use this feature, you have to select the *Debit/Credit Indicator in Manual Journal* checkbox in the *Check Global System Settings* Customizing activity.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App ID: `F2971` App ID: `F2573`
Application Component	`FIN-CS-JE` (*Group Journal Entry for S/4HANA Group Reporting*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Debit/Credit Indicator in Manual Group Journal Entries

4.2.9.47 Workflow for Group Journal Entries: Initiator Cannot Be Approver

Business Details

The initiator of a workflow item is no longer able to approve his/her own workflow item. The workflow process is updated accordingly so that initiator is excluded as a possible approver.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App ID: `F2971` App ID: `F3073`
Application Component	`FIN-CS-JE` (*Group Journal Entry for S/4HANA Group Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.48 Substitution/Validation in Business Context "GR Journal Entry Item": New Amount Fields

Business Details

You can now use new amount fields for substitution rules and validation rules in the *GR Journal Entry Item* business context.

You can use the following new fields:

- *Amount in Local Currency*
- *Amount in Group Currency*
- *Amount in Transaction Currency*

You can use these fields as a precondition and validation field, but not as a substitution target field.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App ID: `F4407` (*Manage Substitution/Validation Rules - Group Journal Entries*) App ID: `F2971` (*Post Group Journal Entries*) App ID: `F3073` (*Import Group Journal Entries*)
Application Component	`FIN-CS-COR-DT` (*Data Transfer*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.49 Control Fields and Predelivered Substitution Rules for COI Process

Business Details

You can now define substitution rules to automate the collection of control data for activity-based consolidation of investments (C/I). The system applies these rules in all consolidation tasks, in particular the data release task. SAP provides predelivered substitution rules you can use.

Especially for integrated consolidation units, where reported data is transferred from accounting using the data release task, the new substitution simplifies the process of collecting control data. It eliminates the need for manual documents that were previously necessary for adding the investment activity and investee consolidation unit.

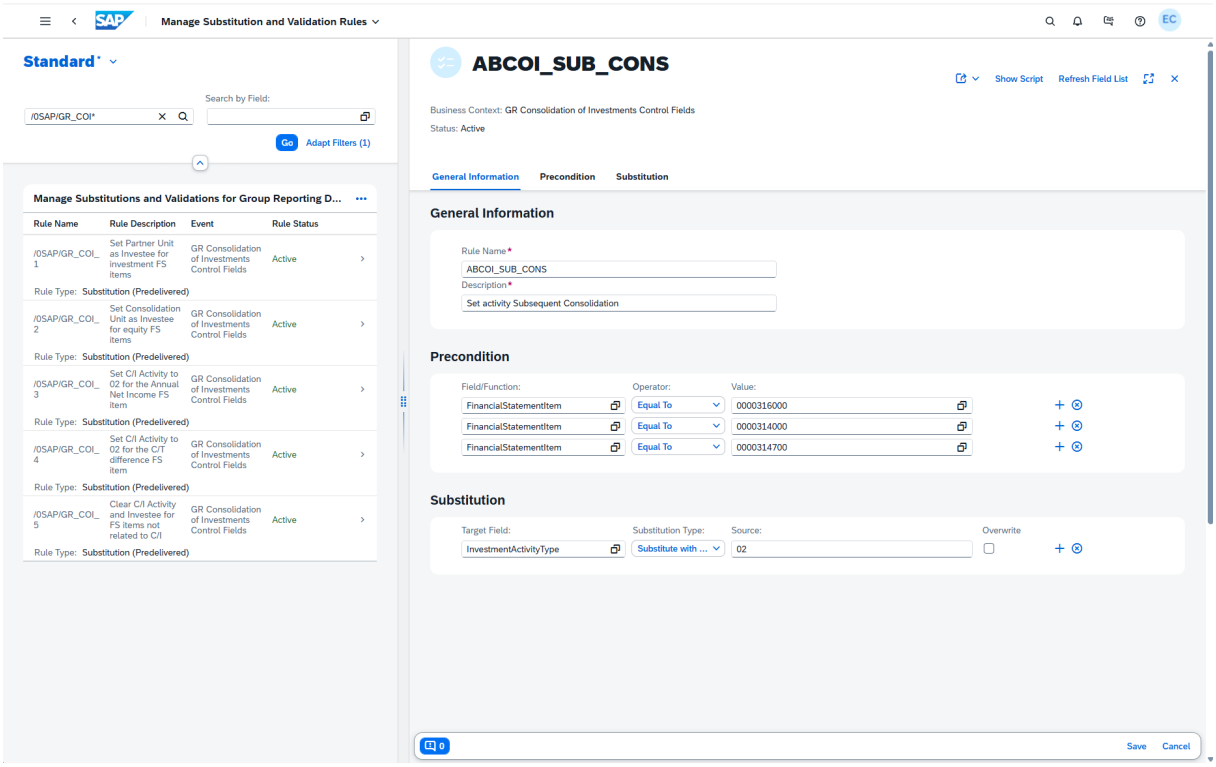
Predelivered Substitution Rules

The following COI-related substitution rules that were previously hardcoded in data entry tasks are now predelivered and visible in the substitution tool. These rules are executed during data release and data entry tasks and can be deactivated by the customer.

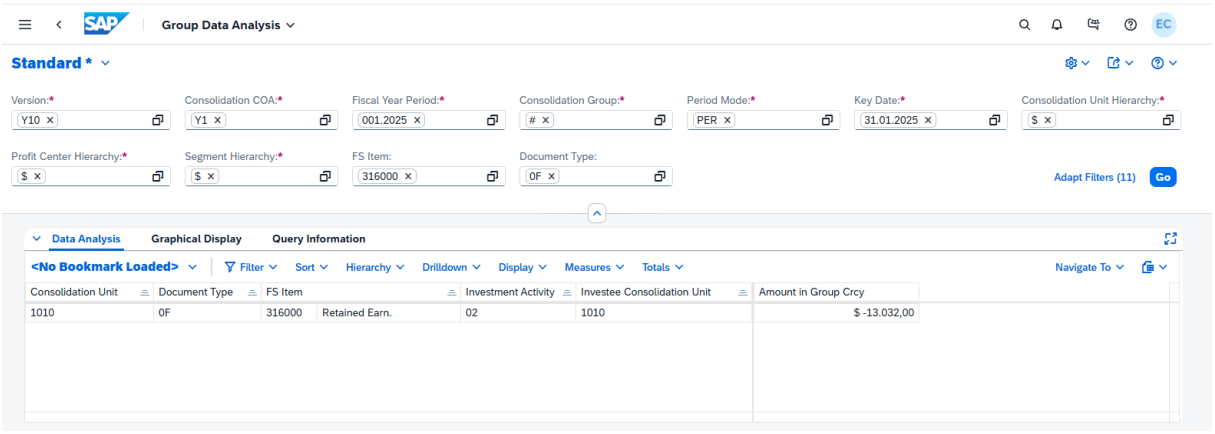
Technical Name	Description	Event
`/0SAP/GR_COI_1`	Set Partner Unit as Investee for investment FS items	GR Consolidation of Investments Control Fields
`/0SAP/GR_COI_2`	Set Consolidation Unit as Investee for equity FS items	GR Consolidation of Investments Control Fields
`/0SAP/GR_COI_3`	Set C/I Activity to 02 for the Annual Net Income FS item	GR Consolidation of Investments Control Fields
`/0SAP/GR_COI_4`	Set C/I Activity to 02 for the C/T difference FS item	GR Consolidation of Investments Control Fields
`/0SAP/GR_COI_5`	Clear C/I Activity and Investee for FS items not related to C/I	GR Consolidation of Investments Control Fields

Examples of the User Interface

In the following example, a rule has been defined to set investment activity `02` (*Subsequent Consolidation*) in case of FS item `316000`.



The *Group Data Analysis* app displays the data released from accounting, what you can recognize from document type `0F`, with investment activity automatically set to `02`.



Implementation Details

You configure rules for COI control fields in the *Manage Substitution and Validation Rules (Group Journal Entries)* app in the new business context `GR Consolidation of Investments Control Fields`.

The following control fields can be filled in this business context:

- *Investment Activity* (`COIAC`)
- *Investee Consolidation Unit* (`COICU`)

- *Investor Consolidation Unit* (UPPCU)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	FIN-CS-COR-DT (*Data Transfer*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.50 Activity-Based Consolidation of Investments: Change of Parent

Business Details

When you change the parent unit in a consolidation group, the task for activity-based consolidation of investments now automatically posts the required entries. It adjusts the cumulative values of the balance sheet for all consolidation units of the consolidation group without an effect on earnings.

You change the parent unit in a consolidation group by assigning a new consolidation method to the affected consolidation units in the *Manage Consolidation Group Structure* app. In previous releases, the system showed a warning that a change of consolidation method with parent involvement is not fully supported. This message does not appear anymore, since the change is now supported.

If the previous method is defined with accounting technique *Purchase Method* or *Equity Method* and the new method with accounting technique *Parent Unit*, the task for activity-based consolidation of investments automatically processes activity 81 (*Investee Unit* > *Parent*).

If the previous method is defined with accounting technique *Parent Unit* and the new method with either *Purchase Method* or *Equity Method*, the system automatically processes activity 82 (*Parent* > *Investee Unit*).

In addition, the system processes activities 20 (*Increase in Indirect Investment*) or 21 (*Reduction in Indirect Investment*) for all subordinate consolidation units in the investment hierarchy in case the change of parent has an effect on their group share.

Example

In this example, consolidation unit W330-P2 becomes parent, its method changes from `12` (*Purchase Method*) to `00` (*Parent Unit*).

The previous parent W330-P1 becomes non-parent, its method changes from `00` (*Parent Unit*) to `12` (*Purchase Method*).

W330-PM is a subsidiary in the group, the change of parent changes its group share.

The log of the consolidation of investments task shows the automatically derived activities *Investee Unit* > *Parent* and *Parent* > *Investee Unit* as well as *Increase in Indirect Investment* and *Reduction in Indirect Investment*.



Note

The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-COR-COI` (*Consolidation of Investments*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Method Change

4.2.9.51 Activity-Based Consolidation of Investments: Distribution of Dividends

Business Details

When a distribution of dividends is reported, the consolidation process should proceed with the intercompany elimination of the dividends as well as the adjustment of the non-controlling interest (NCI). The intercompany elimination is done by the reclassification task. As of this release, you can report the dividend of an investee on dedicated FS items and the activity `18` (*Distribution of Dividends*). The C/I task supports the corresponding NCI adjustment based on corresponding reported data and the intercompany elimination result.

Example

A net income is reported with the activity `02` (*Subsequent Consolidation*) for `W331-U`. Then it is distributed as dividend to its investor `W331-A` with the activity `18` (*Distribution of Dividends*). For `W331-A`, this dividend is reported as investment income which changes the net income of `W331-A` with the activity `02`.

After the execution of the reclassification task for intercompany elimination of the dividends on posting level `20`, the log of the consolidation of investments task shows the automatically derived activities *Distribution of Dividends*.



Note

The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-COR-COI` (*Consolidation of Investments*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Configuration
Distribution of Dividends

4.2.9.52 Prefill of Global Parameters in Job Templates

Business Details

With this feature, in the *Schedule Jobs for Consolidation Tasks* app the *Parameters* section in the job templates is prefilled with the values of the global parameters. This means that you no longer have to enter these values manually, but you can change the prefilled values in the job template at any time.

In the job template for line item validation, for example, the consolidation group, consolidation unit, version, fiscal year, period, and consolidation chart of accounts are prefilled with the global parameters.

> ⓘ Note
>
> If the entry of a consolidation group is mandatory in a job template, the consolidation unit is not prefilled.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App ID: `F4376`
Application Component	`FIN-CS-COR-DT` (*Data Transfer*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Schedule Jobs for Consolidation Tasks

4.2.9.53 New App: Import Reported Data

Business Details

You can now use this app to import your reported data into the group reporting system. Simply download the Excel template provided within the app and fill in your data. Once complete, import the Excel file back into the app, and your data will be seamlessly transferred to your group reporting system.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App ID: `F7742`
Application Component	`FIN-CS-COR-DT` (*Data Transfer*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Import Reported Data

4.2.9.54 Create Totals for Reported Data with Missing Dimension Values

Business Details

You can now use the *Import Reported Data* app to upload reported data with some missing dimension values. The total value of such a dimension is then totaled without changing the existing values of the same dimension.

This is necessary, for example, to load a provisional balance sheet without breaking it down into subitems that can contain the details of a functional transaction type. The balance carryforward has already filled the opening subitem and this value will not change when the balance sheet is loaded. Instead, the delta is calculated and saved in a standard transaction type. For more information, see the link under "Related Information" (example at the end of this linked documentation).

Technical Details

Type	New
Functional Localization	No localization

Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App ID: `F7742`
Application Component	`FIN-CS-COR-DT` (*Data Transfer*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Create Totals for Reported Data with Missing Dimension Values

4.2.9.55 Line Item Validation Enhancements

Business Details

You can use the following new features for line item validation:

- You can now validate data in *Accounting*.
- You can define more than one line item validation task within one task group in the *Data Monitor* app.
- You can restrict the data range processed by a line item validation task.

Line Item Validation Task with Data Source *Accounting*

For a line item validation task with data source *Accounting*, you choose whether the task shall validate **all** data in **Accounting** or only the data that has not been released to **Group Reporting**.

Additionally, you can configure a line item validation task with data source *Accounting* so that it handles error messages as warnings. This means you can lock and close the line item validation for *Accounting* even if error messages occur. You can use this option in case you correct errors in *Group Reporting* with a document on posting level `0C`.

Data Range Selection

You can restrict the data range processed by a line item validation task. It makes sense to restrict the data range if you want to create multiple line item validation tasks for separate data ranges, for example one task for the balance sheet and another task for the P&L.

You can restrict the data range to the following fields:

- FS Item
- Subitem
- Subitem Category
- Partner Unit

- Document Type

Renaming to "Line Item Validation"

The job template for the task type *Validation of Universal Journal* has been renamed to *Line Item Validation*.

Implementation Details

Customizing

Line Item Validation Task with Data Source *Accounting*

1. Perform the Customizing activity: *Define Task for Line Item Validation*.
   On *Data Source Settings* level, you define the *Data Source* as *Accounting* (checks line items from accounting table ACDOCA) or *Group Reporting* (checks line items from group reporting table ACDOCU)
   For a line item validation task with data source *Accounting*, you can further define the following:
   - *Accounting Read Mode*
     - The *Complete Data* mode selects all data from the defined period.
     - The *Unreleased Data* mode selects unreleased data from the defined period. This is the default option.
   - The *Data Range Selection* by assigning a selection object that you have defined in the *Define Selection* app.
2. Schedule the line item validation in the *Schedule Tasks for Consolidation Jobs* app using the *Line Item Validation* job template.

Change Error Messages to Warnings for Line Item Validation in Accounting

To display error messages as warnings, you must select the *Change Error to Warning Messages* checkbox for the data source *Accounting* in the Customizing activity *Define Task for Line Item Validation*.

Data Range Selection

1. Define a data range selection object.
2. Assign this object to the required task in the Customizing activity *Define Tasks for Line Item Validation*.
   You do this at *Data Source Settings* level in the *Data Range Selection* field.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App ID: CXCD App ID: F5572

Application Component	`FIN-CS-COR-DT` (*Data Transfer*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Line Item Validation

4.2.9.56 Enhancement in the Post Group Journal Entries App

Business Details

You now have an extra option for manual postings: Replacing group journal entries. To replace a group journal entry, choose *Replace*. The system then reverses the group journal entry and creates a copy of it, allowing you to make your modifications. When done choose *Create*.

If the reversal falls under a workflow, the system creates a workflow item in the background. The posting then waits for approval. If the new document doesn't fall under a workflow, it might be posted before the reversal.

If you decide to replace a document that is part of a document bundle, the system replaces the entire bundle.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App ID: `F2971`
Application Component	`FIN-CS-JE` (*Group Journal Entry for S/4HANA Group Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Post Group Journal Entries

4.2.9.57 Aggregation Configuration Supported in Realignment Function

Business Details

The realignment function improves data quality for the integration with group reporting preparation ledgers. It now adapts the aggregation configuration for the release task during realignment whenever it is possible.

Implementation Details

Customizing

In the *Define Consolidation Master Data Fields* Customizing activity, select the *Aggregate Data on Release* checkbox for the fields that should be aggregated during realignment.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Not applicable
Application Component	`FIN-CS-COR-MON` (*Monitor*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Realign Group Reporting Preparation Ledger
Release of Universal Journal with Preparation Ledger Integration

4.2.9.58 Enhanced Product Assistance for Realign Group Reporting Preparation Ledger

Business Details

A new section is available in the product assistance for *Realign Group Reporting Preparation Ledger* where you can find a list of all fields that are processed during the realignment of the group reporting preparation ledger, and a list of fields that are modified by the function during realignment.

In the comments section of the *Fields that are modified during Realignment* table, you can find which values the function enters in the fields.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	`Not applicable`
Application Component	`FIN-CS` (*S4HANA Financial Consolidation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Realign Group Reporting Preparation Ledger

4.2.9.59 Parameter Change in the "Flexible Upload of Reported Financial Data" App

Business Details

The `Add` mode in the `UPDATEAMODE` parameter has been enhanced. Now, there is only one restriction: If the input file contains data with **multiple versions**, an error is displayed and no records will be added to the existing records.

The restriction note "*If the input file contains data with mulitple combinations of version, period, and consolidation unit, an error is displayed and no records will be added to the existing records.*" is no longer valid.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App ID: `FINCS_UPL_EXEC`
Application Component	`FIN-CS-COR-DT` (*Data Transfer*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.2.9.60 Removal of Task Categories from Define Task

Business Details

With this feature, the Customizing activity *Define Task* (transaction code `CX5TB`) was cleaned up and the following task categories were removed:

- *Data Collection*
- *Line Validation*
- *Validation of Reported Financial Data*
- *Validation of Standardized Financial Data*
- *Validation of Consolidated Values*
- *Release of Universal Documents*

You find the activity in Customizing under *SAP S/4HANA for Group Reporting* > *Data Collection for Consolidation* > *Define Task*.

The task categories that were removed are still available as Customizing activities under *SAP S/4HANA for Group Reporting* > *Data Collection for Consolidation*:

- *Define Data Collection Tasks with Document Type Assignment* (transaction code `CX8TT02`) - Data Collection
- *Define Tasks for Line Item Validation* (transaction code `FINCS_LIVT_U`) - Line Validation
- *Define Balance Validation Tasks* (transaction code `FINCS_BV_TASK`) - Validation of Reported Financial Data, Validation of Standardized Financial Data and Validation od Consolidated Values

- *Define Tasks for Release Universal Journal* (transaction code `FINCS_RUJ_TASK_U`) - Release of Universal Documents

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	Transaction Code: `CX5TB`
Application Component	`FIN-CS` (*S/4HANA Financial Consolidation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Configuration Activities

4.2.10 Central Finance

4.2.10.1 Support CO Production Order as Target Object in Cost Object Replication

Business Details

Cost Object (CO) framework is extended to include CO production order as a target object category. With this enhancement, you can map a source manufacturing order like production order or process order to a CO production orders in cost object replication.

Implementation Details

- The following mapping scenarios are supported in cost object replication in the OP2025 FPS0 release:
  - CO production order to CO production order

- Production order to CO production order
- Process order to CO production order

- All the new scenarios in cost object replication functionality are supported.
- All the new scenarios in cost object reports like displaying or correcting cost object mapping are supported.
- The cost object assignment API to support the new scenarios is enhanced.

Customizing

Define mapping scenarios and mapping rules - *Run transaction CFINIMG under Central Finance* > *Central Finance: Target System Settings* > *Cost Object Replication* > *Cost Object Mapping*

Effects on Existing Data

No impact on existing data

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FI-CF-OBJ`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4 HANA
Valid as Of	2025

4.2.10.2 Streamlining Error Handling with AIF and ISM Integration in SAP Central Finance

Business Details

With this feature, Central Finance (CFIN) enhances error handling through the integration of the *Application Interface Framework* (AIF) and *Incident Solution Matching* (ISM).

AIF manages business transaction interfaces errors in CFIN. If an error occurs during document posting, details like technical specs and product components are captured. These errors are automatically sent to the AI-driven ISM Service. By clicking the **Function** option at the error message, you initiate ISM to find and provide relevant SAP solutions such as SAP Notes, FAQ Notes without manual data entry.

Key Benefits:

- Errors are analyzed and solutions retrieved automatically, reducing the time spent on troubleshooting.
- No need to search SAP support portals—solutions come directly to you.
- Complete error info ensures you get the correct solution, reducing mistakes.

> **Note**
>
> This feature is available as of S/4HANA CORE releases 107-108 and beyond.

Implementation Details

The new functionality is available via the '**Functions**' option in the **AIF Monitor transaction**.

For systems running CFIN on S/4HANA CORE releases 107 and 108 and above, follow these steps:

Prerequisites:

- Download the Root CA and CPI certificates from *SAP Note 3531918*.

Activation Steps:

1. **Upload SSL Certificates:**
   - Access Transaction STRUST.
   - Upload certificates under the new PSE folder (e.g., SSL client ISM_S4HANA_ISMS4_DQ).
2. **Configure RFC Connection:**
   - Create an HTTP RFC destination (ISM_API_CONNECT) via Transaction SM59.
   - Configure connection type G, enter target host, path prefix, and port number (443).
   - Set up SSL and authentication using STRUST.
3. **Test the Connection:**
   - Validate connectivity using the Connection Test button in SM59.

Customizing

The customizing is available at *SAP Customizing Implementation Guide* > *Financial Accounting* > *Central Finance* > *Central Finance: Target System Settings* > *BAdIs: Central Finance* > *BAdI: Activate Error Resolution Support Content*

Technical Details

Type	New

Functional Localization	No Localization
Scope Item	Not Applicable
Technical Object Name	`/AIF/ERR`
Application Component	`FI-CF-AC` (*Replication of FI Postings*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

SAP Note 3531918

4.2.10.3 SLT Staging Tables Directly Created on SAP S/4HANA for Third-Party System Interfaces

Business Details

With this feature, you can now automatically create SLT staging tables directly in your SAP S/4HANA system when using embedded SLT. You no longer need to run manual reports to set up these tables. This makes it much quicker and easier for you to connect third-party systems, saving time and reducing your ongoing workload.

The feature is automatically available when using embedded SLT in SAP S/4HANA.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not Applicable
Technical Object Name	CFTP_FI_HEADER
Application Component	FI-CF-EX (*Central Finance-External Interface non-SAP systems*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

4.2.10.4 AVL Version 2 for Accounting View of Logistics Information

Business Details

This feature seeks to update the existing Accounting View of Logistics Information by transitioning it to the *RAP (RESTful Application Programming)* framework.

RAP provides a modern development framework for building cloud-ready business applications, services, and extensions offering modernized approach to handling AVL objects in Central Finance. This will help in increased performance, reduced need for manual configuration, and improved error handling in data replication scenarios.

Implementation Details

To implement the AVL version 2:

- Use transaction code **SM30** with view **V_CFIN_AV_CONFIG** for activation.
- Click 'Edit' and enable AVL Version 2 for required objects.
- Ensure system readiness using the *Readiness Check tool for AVL Version 2 Transformation*.

Customizing

The customizing is available at *SAP Customizing Implementation Guide* > *Financial Accounting* > *Central Finance* > *Central Finance: Target System Settings* > *Accounting View of Logistics Information* > *Define Basic Settings for Accounting View of Logistics Information*

Technical Details

Type	New
Functional Localization	No Localization

Scope Item	Not Applicable
Technical Object Name	Transaction: SM30 V_CFIN_AV_CONFIG
Application Component	FI-CF-AVL (*Accounting View of Logistics Information*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Readiness Check Tool for AVL Version 2 Transformation [page 363]

4.2.10.5 Readiness Check Tool for AVL Version 2 Transformation

Business Details

With this tool, you can smoothly transition to **AVL version 2** using a clear method to check system readiness, ensuring your system or environment is fully prepared for the upgrade.

Implementation Details

- Use transaction code *FINS_CFIN_RC* or program *FINS_CFIN_READINESS_CHECK* (via **SE38**)
- Choose **New Readiness Check** and then select a **Readiness Check Profile**
- Run to adjust rules and scan to identify findings and necessary actions.

Customization

The customizing is available at *SAP Customizing Implementation Guide* > *Financial Accounting* > *Central Finance* > *Central Finance: Target System Settings* > *Readiness Check* > *Execute Readiness Check*

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not Applicable
Technical Object Name	Transaction: FINS_CFIN_RC
Application Component	FI-CF-INF (*Infrastructure, Tools, Mapping Framework*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

AVL Version 2 for Accounting View of Logistics Information [page 362]

4.2.10.6 Statutory Reporting: Country/Region-Specific Reports

Business Details

This feature enables you to use country/region-specific statutory reports in Central Finance. Below, you can see a list of reports that have been additionally enabled in Central Finance.

Implementation Details

The reports in the table below have been additionally enabled in Central Finance.

For the complete list of statutory reports supported in Central Finance for a country/region, see the link in the *Related Information* section.

<table>
<tr><th>Country/Region</th><th>Task</th><th>Report Category</th><th>Additional Information</th><th>Accounting View of Logistic (AVL) Information</th></tr>
<tr><td>Argentina</td><td>Electronic Duplicate</td><td>AR_DAILY_VAT</td><td>SAP ERP and Third-Party Source Systems: Country-Specific Fields

For SAP ERP and third-party source systems, you must ensure that in the Central Finance system the corresponding data is entered in the following country-specific fields of documents required for the report:

<table><tr><th>Data</th><th>Central Finance System (GLO* Fields)</th></tr><tr><td>CAE Number</td><td>CAE Number (BKPF-GLO_REF1_HD)</td></tr><tr><td>CAE Due Date</td><td>CAE Due Date (BKPF-GLO_DAT1_HD)</td></tr></table></td><td>The following AVL are used in this report; you must configure replication for these views:

• AVL for Customer Invoices

You use AVL to replicate logistics data from your source systems to the Central Finance system. These data are required for central reporting. How AVL works in Central Finance and how you configure replication for it, you can read in Accounting View of Logistics Information (AVL): Overview.</td></tr>
</table>

<table>
<tr><th>Country/Region</th><th>Task</th><th>Report Category</th><th>Additional Information</th><th>Accounting View of Logistic (AVL) Information</th></tr>
<tr><td>Argentina</td><td>Sales and Purchase Print Format</td><td>AR_VAT_PRINT</td><td>SAP ERP and Third-Party Source Systems: Country-Specific Fields

For SAP ERP and third-party source systems, you must ensure that in the Central Finance system the corresponding data is entered in the following country-specific fields of documents required for the report:

<table><tr><th>Data</th><th>Central Finance System (GLO* Fields)</th></tr><tr><td>CAE Number</td><td>CAE Number (BKPF-GLO_REF1_HD)</td></tr></table></td><td>The following AVL are used in this report; you must configure replication for these views:

• AVL for Customer Invoices

You use AVL to replicate logistics data from your source systems to the Central Finance system. These data are required for central reporting. How AVL works in Central Finance and how you configure replication for it, you can read in Accounting View of Logistics Information (AVL): Overview.</td></tr>
<tr><td>Argentina</td><td>Cash Flow Statement</td><td>AR_CASHFLOW_N</td><td>n/a</td><td>n/a</td></tr>
<tr><td>Indonesia</td><td>BPPU Withholding Tax Report</td><td>ID_WHT_BPPU</td><td>n/a</td><td>n/a</td></tr>
<tr><td>Indonesia</td><td>BPNR Withholding Tax Report for Foreign Vendors</td><td>ID_WHT_BPNR</td><td>n/a</td><td>n/a</td></tr>
</table>

Country/Region	Task	Report Category	Additional Information	Accounting View of Logistic (AVL) Information
Indonesia	VAT OUT (Coretax)	`ID_VAT_OUT_CORETAX`	n/a	The following AVL is used in this report; you must configure replication for this view: • AVL for Customer Invoices • AVL for Supplier Invoices • AVL for Sales Orders You use AVL to replicate logistics data from your source systems to the Central Finance system. These data are required for central reporting. How AVL works in Central Finance and how you configure replication for it, you can read in Accounting View of Logistics Information (AVL): Overview
Kuwait	Cash Flow Statement	`KW_CASHFLOW`	n/a	n/a
Oman	Cash Flow Statement	`OM_CASHFLOW`	n/a	n/a
Romania	Inventory Register - After Inventory	`RO_INV_REG_AFTER_INVENTORY`	n/a	n/a
Romania	Inventory Register - Before Inventory	`RO_INV_REG_BEFORE_INVENTORY`	n/a	n/a
Romania	Inventory Register - During Inventory	`RO_INV_REG_DURING_INVENTORY`	n/a	n/a
Romania	Cash Journal	`RO_CASH_JOURNAL`	n/a	n/a
Romania	Document Journal	`RO_DOCUMENT_JOURNAL`	n/a	n/a
Serbia	G/L Account Line Items	`RS_GL_LINE_ITEMS`	n/a	n/a
Slovenia	Multilateral Offset of Liabilities – ePobot	`SI_EPOBOT`	n/a	n/a
South Korea	Manufacturing Cost Statement	`KR_MFGCOSTSTMNT`	n/a	n/a

The report in the table below were previously enabled in Central Finance. Now new information has been added to these reports.

Reports With Updated Information in Central Finance

Country/Region	Description	Technical Name	Additional Information	Accounting View of Logistic (AVL) Information
Singapore	GST Transaction Listing (IAF)	SG_VAT_TL	**SAP ERP and Third-Party Source Systems: Country-Specific Fields** For SAP ERP and third-party source systems, you must ensure that in the Central Finance system the corresponding data is entered in the following country-specific fields of documents required for the report: **Data** / **Central Finance System (GLO* Fields)** Cargo Clearance Import Permit Number / Cargo Clearance Import Permit Number (*BKPF-GLO_REF2_HD*)	The following AVL is used in this report; you must configure replication for this view: • AVL for Customer Invoices • AVL for Sales Orders You use AVL to replicate logistics data from your source systems to the Central Finance system. These data are required for central reporting. How AVL works in Central Finance and how you configure replication for it, you can read in Accounting View of Logistics Information (AVL): Overview

Technical Details

Type	New
Functional Localization	Localized for the countries/regions listed
Scope Item	Not applicable

Technical Object Name	See the table above
Application Component	`FI-CF` (*Central Finance*)
Availability	SAP S/4HANA 2025
Valid as Of	2025

Related Information

Central Payment
Statutory Reporting: Country/Region-Specific Reports in Central Finance

4.2.10.7 Central Payment Activation with Flexible Options

Business Details

This feature enables you to activate *Central Payment* flexibly, with the following activation scopes:

- External AP of a company code
- External AR of a company code
- Intercompany receivables and payables of a company code

You can combine the activation scopes in different ways.

Customizing

The customizing is available at *Central Finance: Target System Settings* > *Central Payment* > *Activate Central Payment with Flexible Options*

Technical Details

Type	Changed
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`FI-CF-APR` (*Central Finance: Central Payment*)

Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.2.10.8 SAP S/4HANA Management Accounting Interface for Central Finance

Business Details

With this feature you can enable online replication for certain postings from Management Accounting, provided both the source system and the Central Finance system run on SAP S/4HANA Cloud Private Edition or SAP S/4HANA 2025 FPS0.

Replicating this data allows you to use features such as Parallel Accounting in your Central Finance system.

Implementation Details

Your source system and Central Finance must be SAP S/4HANA Cloud Private Edition or SAP S/4HANAsystems of at least release 2025 FPS0.

Customizing

Configuration in the source system:

- In Customizing of Central Finance, you have set up the company codes for ongoing replication.

  > **Note**
  >
  > You should be aware that if you have already replicated CO documents using AIF interface `CO_DOC` and start now with the AIF interface `S4CO_DOC` for the same source system you must use either `CO_DOC` or `S4CO_DOC` per controlling area to avoid postings being replicated twice. Therefore, when you start using S4CO_DOC you must ensure that in CO_DOC you filter out postings for all company codes belonging to a controlling area that has been specified in the customizing for `S4CO_DOC` . To do so you need to use filters in SLT. Additional information about the filters can be round in the attachment **Filter Rules for Central Finance** to 2154420.

- In Customizing of Central Finance, you have defined which attributes are relevant for replication of data from Margin Analysis.

  > **Note**
  >
  > Even though these Customizing settings are available in your source system, they will not take effect unless both your source system and Central Finance are running on SAP S/4HANA Cloud Private Edition or SAP S/4HANAof at least release 2025 FPS0.

- You have installed SLT content for the SAP S/4HANA Management Accounting Interface for Central Finance.

- Define the replication object in SLT. For details see the link under **Related Information**.

Key Features

- Replication of CO data, including Profitability Analysis (CO-PA) data, in line with the list of business transactions supported. For a list of supported business transactions, see 3619137.
- Replication of reversal documents and cross-company postings.
- Clean-up of staging tables to reduce data volume.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`FI-CF-CO` (*Replication of CO Internal Postings*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Replication of CO Documents (Source Systems on SAP S/4HANA 2025 or Higher)
Configuration in SAP Landscape Transformation Replication Server

4.2.10.9 Central Market Segment Reporting

Business Details

With this feature, you can enable reporting for service documents in your Central Finance system. To do so, the attributed profitability segment from the source system, which includes the service document information, is converted into a real cost object in the posting in the Central Finance System.

This feature only works if you are using Service Order Management in your source system.

Implementation Details

In your source system, maintain the attributed profitability segment for service documents in Customizing under *Controlling* > *Profitability Analysis* > *Master Data* > *Activate Derivation for Items without Profitability Segment*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`FI-CF-AC` (*Replication of FI Postings*) `FI-CF-CO` (*Replication of CO Internal Postings*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Service Order Management
Profitability Characteristics in Journal Entries

4.2.11 Real Estate Management

4.2.11.1 Contract and Lease Management

4.2.11.1.1 Intercompany Lease Processes in Real Estate Management

Business Details

With this feature, you can manage lease processes between two companies that belong to the same corporate group. The intercompany lease process allows you to do the following:

- Manage intercompany lease-out contracts
- Manage intercompany lease-in contracts
- Make periodic postings for intercompany lease contracts (accounts receivable and accounts payable)
- Run periodic valuation for intercompany lease contracts

You can manage objects that are part of an intercompany lease process in the *Manage Usable Objects* app and the *Manage Rentable Objects* app.

The following new usage categories have been added to the *Manage Usable Objects* app:

- *Intercompany Usable Object with Portfolio Structure (I1)* - These usable objects are used in an intercompany lease-in scenario and require a relationship to a rentable object of usage category *Intercompany Rentable Object with Portfolio Structure (I3)*.
- *Intercompany Usable Object w/o Portfolio Structure (I2)* - These usable objects are used in an intercompany lease-in scenario and require a relationship to a rentable object of usage category *Intercompany Rentable Object without Portfolio Structure (I4)*.

The following new usage categories have been added to the *Manage Rentable Objects* app:

- *Intercompany Rentable Object with Portfolio Structure (I3)* - These rentable objects are used in an intercompany lease-out scenario and require the use of the SAP Master Data Integration service running on the SAP Business Technology Platform to establish the relationship to real estate architecture objects provided by an external application.
- *Intercompany Rentable Object w/o Portfolio Structure (I4)* - These rentable objects are used in an intercompany lease-out scenario without a relationship to real estate architecture objects.

Implementation Details

Customizing

To be able to use this feature for intercompany scenarios, you need assign a usage type to the corresponding new usage categories as required. You do this in Customizing for *Flexible Real Estate Management (RE-FX)* under *Master Data* > *Generic Rental Objects* > *Define Usage Types for Generic Rental Objects*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App IDs: F7693, F7694

Application Component	RE-FX-BD (*Basic Data*) RE-FX-CN (*Real Estate Contract*) RE-FX-RA (*Rental Accounting*) RE-FX-LA (*Lease Accounting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Usable Objects
Manage Rentable Objects

4.2.11.1.2 Lease and Real Estate Accounting Review Booklet

Business Details

With this app, you can review costs for your portfolio objects in Contract and Lease Management. The app provides an aggregated view of financial statements by combining predefined business pages grouped under the main areas of real estate and non-real estate portfolio objects. This collection of pages forms a review booklet that can be used to carry out a financial review. This gives you insights into your cost structures by comparing planned and actual costs using different time periods.

You can adjust the review booklet to your specific requirements, and use it as the basis for creating a custom review booklet.

Implementation Details

Authorizations

To enable users to access the app, business users need to have authorization as delivered with the *Cost Accountant - Real Estate* (`SAP_BR_RE_COST_ACCOUNTANT`) business role template.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8196`
Application Component	`RE-FX-CO` (*Real Estate Controlling*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Lease and Real Estate Accounting Review Booklet

4.3 Treasury Management

4.3.1 Cash and Liquidity Management

4.3.1.1 Situation Template: Balance Threshold Alert for Bank Account

Business Details

With the new situation template `FIN_CLM_BKACCTBAL_THLDEXCEEDED`, you can notify bank account supervisors when the balance of a bank account falls short of or exceeds the defined threshold so that the account supervisors can consider taking appropriate actions.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	`J78`
Technical Object Name	`FIN_CLM_BKACCTBAL_THLDEXCEEDED`
Application Component	`FIN-FSCM-CLM-COP` (*Cash Operations*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Situation Template: Balance Threshold Alert for Bank Account

4.3.1.2 Bank Statement Monitor: Integration with Advanced Payment Management

Business Details

The *Bank Statement Monitor* app now supports the **bank statement file forwarding** scenario in advanced payment management. Based on the bank account settings, the system decides whether to forward received bank statement files to subsequent systems for processing. To view more details of a forwarded bank statement, go to the *End of Day - Single Day* tab and choose the link of the processing application (for example, *Manage Payments*) in the *Processing Application* column.

The *Processing Application* column in the *Bank Accounts* table is hidden by default. To make it available, choose the *Settings* icon, and in the *View Settings* window that pops up, choose the checkbox of this field.

For more information about this scenario, see Bank Statement File Forwarding.

Implementation Details

Authorizations

Depending on your authorizations, the processing applications to which you can navigate may differ. For example, to be able to access the *Manage Payments* app, you need to have a payment specialist role.

Customizing

You can configure the bank statement forwarding option either on company code level or on the level of individual bank accounts. For more information, see the **Prerequisites** section in Bank Statement

File Forwarding and the **Settings for Bank Statements** section in Define Bank Account Settings - Bank Statements.

> **Note**
>
> When the *Bank Statement Forwarding* option is set to *Forwarding*, even if the posting category is set to *Posting to Be Processed*, the current system does not process bank statements after they're imported but forwards them to a subsequent system instead.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	`J78` (Advanced Cash Operations)
Technical Object Name	App ID: `F6388`
Application Component	`FIN-FSCM-BNK` (*Direct Bank Communication*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Advanced Payment Management
Bank Statement File Forwarding
Bank Statement Monitor
How Statuses Are Determined
Define Bank Account Settings - Bank Statements

4.3.1.3 Monitoring of Bank Statements in CAMT.054 Format

Business Details

Previously, the *Bank Statement Monitor* app monitored the status of bank statements only in the `CAMT.053` format. Now, it also monitors `CAMT.054` files.

When you receive bank statements in both `CAMT.053` and `CAMT.054` formats for a bank account, the system uses the `CAMT.053` file to determine if the bank statement items are posted to the bank ledger and uses the

`CAMT.054` file to determine if the bank statement items are posted to the subledger. Only when both postings are completed does the *Reconciliation Status* of the bank account show ⊘ *Success*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	`J78` (Advanced Cash Operations)
Technical Object Name	App ID: `F6388`
Application Component	`FIN-FSCM-BNK` (*Direct Bank Communication*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Bank Statement Monitor
How Statuses Are Determined

4.3.1.4 Update Monitoring Results of Bank Statements

Business Details

The *Refresh* button in the *Bank Statement Monitor* app is now renamed to *Update Results*.

You use this button to manually update the existing monitoring results for your bank accounts. Each time an update is completed, you receive a notification message via the bell icon (🔔).

> → Tip
>
> Before using the *Bank Statement Monitor* app, you're recommended to schedule jobs by using the *Schedule Jobs for Bank Statement Monitor* app.
>
> If you access the bank statement monitor directly without scheduling any jobs, it initially shows no monitoring results. In this case, you have the option to choose the *Update Results* button, which will trigger a calculation in the background to generate monitoring results immediately. You'll then receive a notification message via the bell icon (🔔) and need to choose *Go* to display the results.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	`J78` (Advanced Cash Operations)
Technical Object Name	App ID: `F6388`
Application Component	`FIN-FSCM-BNK` (*Direct Bank Communication*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Bank Statement Monitor

4.3.2 Treasury and Risk Management

4.3.2.1 Scaled Conditions for Facilities Transactions Supported

Business Details

With this feature, you can create scaled interest rate conditions for facilities transactions. Scaled conditions are only available on the primary credit line. You can combine scaled calculation with variable or accumulated conditions. Use the *Scaled Calc.* field on the *Conditions* screen in a facility transaction to set the scaled calculation method:

- *No Incremental/Iinterval Calculation*
- *Incremental Calculation*
- *Interval Calculation*

For details on the calculation method, see *Scaled Conditions* in the *Related Links* section below.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	`1WV` - Debt and Investment Management
Technical Object Name	App: *Create Financial Transaction* (`FTR_CREATE`) App: *Process Financial Transaction* (`FTR_EDIT`)
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	Both
Valid as Of	2025

Related Information

Conditions (Facilities)
Scaled Conditions

4.3.2.2 Simulation of Period-End Closing with an Alternative Rate Type

Business Details

Within the *Simulate Period-End Closing* app (app ID: `TPM_SIM_VAL`), you can now select an exchange rate type that is then relevant for the exchange rates that are read from the market data tables during the valuation and accrual/deferral of expenses and revenues. If you do not enter an exchange rate type, the system uses the exchange rate type derived from the position management procedures of the treasury positions.

> **Note**
>
> The NPV and hedge accounting key figures (market value components) relevant for valuation and classification are either entered manually or calculated using the *Calculate Net Present Values - Including CVA and DVA* app before you start the simulation. In the *Calculate Net Present Values - Including CVA and DVA* app, you can select a specific evaluation type for simulation with the required exchange rate types for NPV calculation. In this case, you do not set the *Automatic Derivation of Evaluation Parameters* indicator in the *Calculate Net Present Values - Including CVA and DVA* app. You store the calculated NPVs with the price/NPV type of the valuation procedures of the relevant position management procedures because the simulated period-end closing uses NPVs with these price/NPV types.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1X1 - Foreign Currency Risk Management, 1WV - Debt and Investment Management
Technical Object Name	App ID: `TPM_SIM_VAL`
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

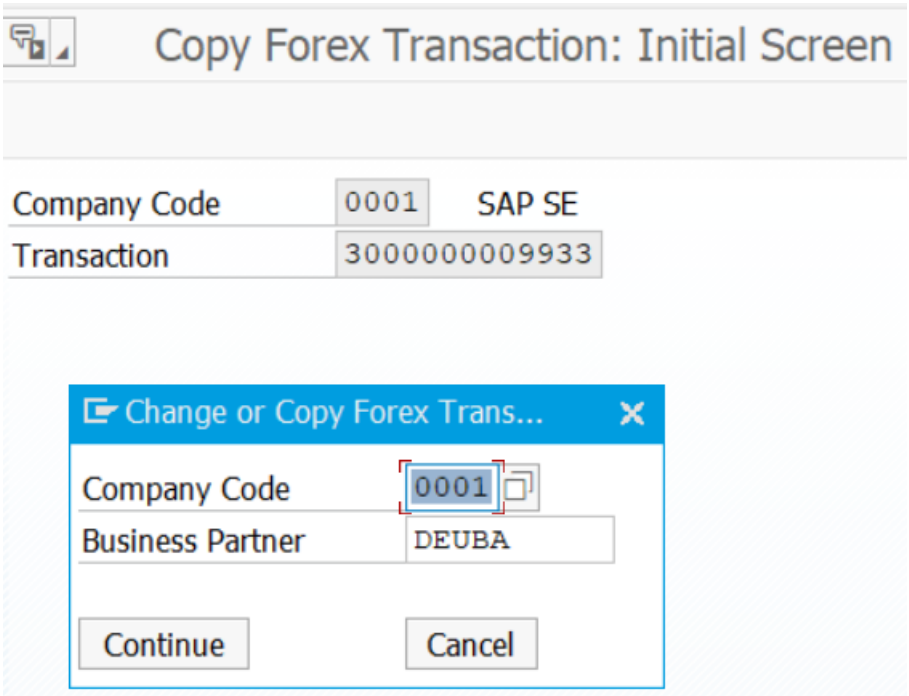
Simulate Period-End Closing
Calculate Net Present Values - Including CVA and DVA

4.3.2.3 Change Business Partner and Company Code When Copying an FX Transaction

Business Details

With this feature, you can change the business partner and the company code when copying an FX transaction in the *Manage Financial Transactions* app (app ID: `F6157`) and *Process Spots/Forwards - Collective Processing* app (app ID: `TX06`).

1. In the worklist, select the financial transaction you want to copy.
2. Choose the *Copy* button.
3. The *Change or Copy Forex Trans...* dialog box appears.



The *Company Code* and *Business Partner* fields now contain the values of the copied financial transaction. You can change the company code or the business partner and then choose *Continue*. Alternatively, you continue the copy process without changing these values.

4. You see the data of the new financial transaction. The data corresponds with the copied transaction.
5. Make the required changes.
6. Save the financial transaction.

Implementation Details

If you need to create an incident regarding this feature, use component `FIN-FSCM-TRM-TM-TR`.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1X1 - Foreign Currency Risk Management
Technical Object Name	App ID: `F6157` App ID: `TX06`
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)

Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Processing Spot/Forward Transactions

4.3.2.4 New Options for Automated Payment Runs

Business Details

With this feature, two new options were added in the *Payment Control* section of the *Fix, Pay and Post Flows* (TBB1) app that let you automatically schedule payment runs and send the payments for approval.

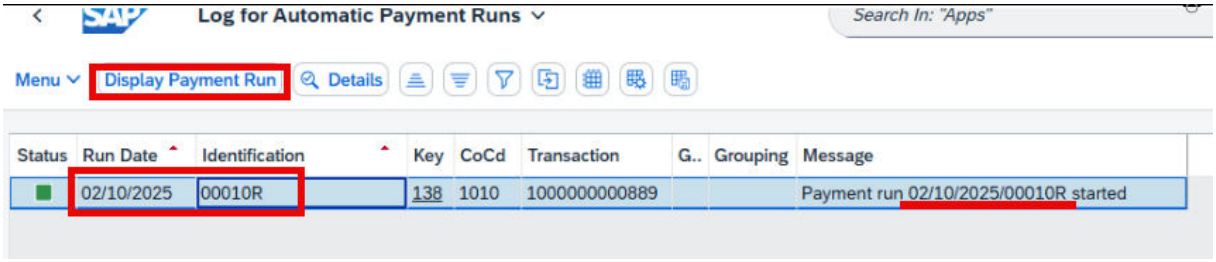
- *Schedule Auto Payment Run*
  Set this indicator to automatically schedule payment runs for any payment requests that are generated for the selected flows. You can also schedule payment runs manually in the *Automatic Payment Transactions for Payment Requests* (`F111`) app.

  > **Note**
  >
  > Payment requests with the same values in the fields *Country/Region Code*, *Local Currency*, *Withholding Tax Indicator*, and *Payment Date* are assigned to the same payment run.

- *Send for Approval*
  You can only set this indicator if you have set the *Schedule Auto Payment Run* indicator.
  - If you set this indicator, the system automatically creates payment batches for the generated payments to make them available in the *Approve Bank Payments* app (App ID: `F0673`) and in the *Monitor Payments* app (App ID: `F2388`).
  - If you do **not** set this indicator, you must manually start the creation of the payment batches in the *Automatic Payment Transactions for Payment Requests* app (App ID: `F111`) under *Environment* > *Payment medium* > *Cross-Payment Run Payment Medium* > *Create Payment Medium* for the payment run.

  Prerequisite:
  Scope item `J78` (*Advanced Cash Operations*) must be active.

When starting the automated payment run, you see a confirmation popup. Here, choose *Log for Automatic Payment Run*. In the *Identification* column of this log, you see the ID of the payment run. The combination of payment run and date serves to uniquely identify the payment run in other apps. You can use the *Display Payment Run* button in the menu bar to navigate directly to the payment run.



Technical Details

Type	New
Functional Localization	No localization
Scope Item	1WV (Debt and Investment Management), 1X1 (Foreign Currency Risk Management), 1X3 (Interest Rate Derivatives Management), 2NZ (Bank Guarantee Management), 2UN (Money Market Mutual Fund Management), 3WY (Bond Management), 49D (Letter of Credit Management), 5OD (Stock Management), 5WF (Shareholding Management), 6B5 (Asset-Backed Securities Management), 6ND (Securities Option Management)
Technical Object Name	App ID: `TBB1`
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

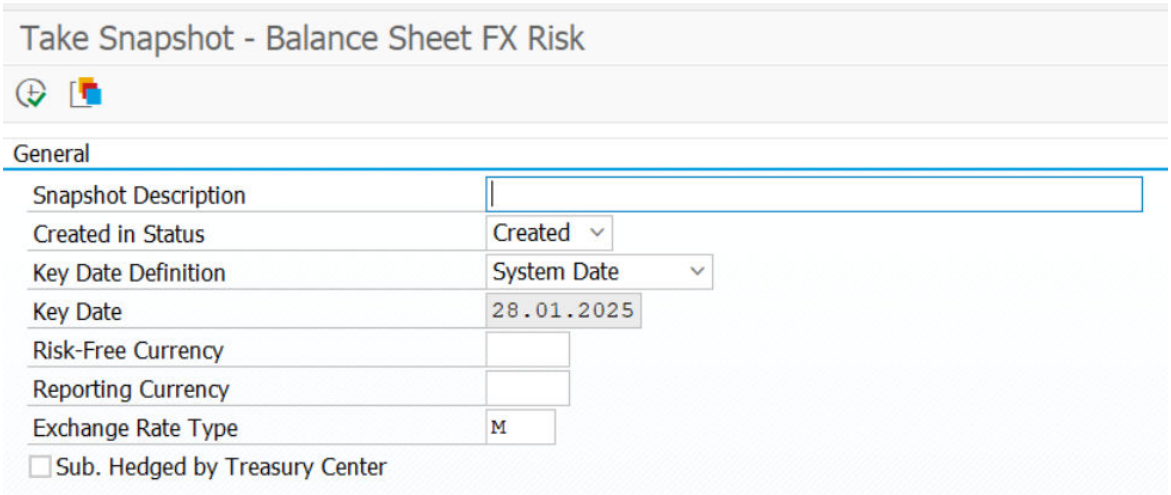
Fix, Pay and Post Flows
Payment Requests
Payment

4.3.2.5 Alternative Risk-Free Currency in Hedge Management of Balance Sheet FX Risks

Business Details

With this feature, you can enter an alternative risk-free currency instead of the company code currency when you take a snapsot in Hedge Management of Balance Sheet FX Risk. The balance sheet exposure hedge request now also provides the *Risk-Free Currency* field.

- The new field *Risk-Free Currency* is provided in the *Take Snapshot - Balance Sheet FX Risk* app (app ID: FXM_SNAP).



  Usually, the risk-free currency is the currency of the company code. Cash flows in this currency do not need to be hedged. If no currency is entered in the *Risk-Free Currency* field, the company code currency is taken as the risk-free currency.
  For companies operating in countries where it is difficult to obtain hedging transactions in the risk-free company code currency or in countries where the company code currency is not stable, it may be necessary to use an alternative risk-free currency.
  If you enter an alternative currency in the *Risk-Free Currency* field, this currency is then used as the risk-free currency. This means that cash flows in the alternative risk-free currency are not considered as exposures and the cash flows in the company code currency are considered as exposures.
- The new field *Risk-Free Currency* is provided in the balance sheet exposure hedge request.
  The risk-free currency is the currency in which the exposure is hedged.
  Usually, the risk-free currency is the currency of the company code. For companies operating in countries where it is difficult to obtain hedging transactions in the risk-free company code currency or in countries where the company code currency is not stable, it may be necessary to use an alternative risk-free currency.
  If you entered an alternative currency in the *Risk-Free Currency* field in the *Take Snapshot - Balance Sheet FX Risk* app, this currency is then the risk-free currency in the hedge request.

Implementation Details

If you need to create an incident regarding this feature, use component `FIN-FSCM-TRM-TM-TR`.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1X1 - Foreign Currency Risk Management
Technical Object Name	App ID: `FXM_SNAP`
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Take Snapshot - Balance Sheet FX Risk
Balance Sheet Exposure Hedge Request

4.3.2.6 Hedge Management and Accounting

4.3.2.6.1 Critical Term Match Method Available for Hedge Accounting of Exposure Items

Business Details

You can now use the critical term match method for prospective effectiveness testing in the *Hedge Accounting of Exposure Items* process. With the critical term match method, some important business data (the critical terms) of the hedged item and of the hedging instrument are checked as to whether they match. If the critical terms match, it can be assumed that the hedging relationship is effective. The following critical terms can be compared:

- Nominal
- Currency
- Start date
- Due date

Implementation Details

If you need to create an incident regarding this feature, use component `FIN-FSCM-TRM-TM-HM`.

Customizing

- *Define Critical Term Type*
  If you want to use a critical term match method for prospective effectiveness tests, you must define a critical term type. In the critical term type, you define which terms are checked during the effectiveness test. You can choose the following terms:
  - Nominal
  - Currency
  - Start date
    For this date, you can define the permitted difference in days between the start date of the hedged item and that of the hedging instrument values.
  - Due date
    For this date, you can define the permitted difference in days between the due date of the hedged item and that of the hedging instrument values.
- *Effectiveness Test Method*
  Define an effectiveness test method with effectiveness test method category `31` *Critical Term Match-Method*.
- *Define Hedging Profiles*
  Define a new hedging profile.
  To activate effectiveness testing for the hedging profile, the test plan category must **not** be set to `2` *Effectiveness Testing Is Disabled*.
  In addition, you must assign a prospective effectiveness test method with effectiveness test method category `31` *Critical Term Match Method* in the *Prosp. Eff. Method* field to complete the settings for effectiveness testing. Leave the field empty if you do not want to use effectiveness testing.

Set up new hedging areas using the new effectiveness test method in hedge accounting.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	1XD - Hedge Accounting for FX Forward – Group Ledger IFRS 1X5 - Hedge Accounting for Foreign Currency Cash Flow Risk 2RW - Hedge Accounting for FX Option – Group Ledger IFRS 2UF - Hedge Accounting for FX Swap – Group Ledger IFRS 3X1 - Hedge Accounting for FX Forward – Local GAAP 3X2 - Hedge Accounting for FX Option – Local GAAP 3X3 - Hedge Accounting for FX Forward - Group Ledger US GAAP 3X4 - Hedge Accounting for FX Option - Group Ledger US GAAP
Technical Object Name	App ID: `TPM120`
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

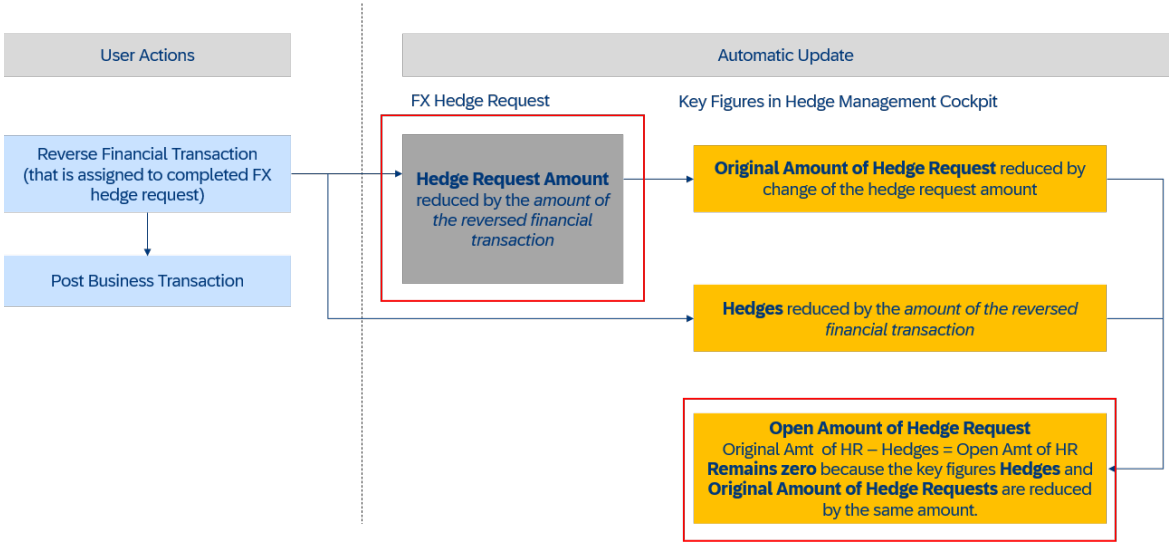
Prospective Effectiveness Test
Prospective Effectiveness Test Using Critical Term Match Method

4.3.2.6.2 Automatic FX Hedge Request Adjustments After Reversal of Hedging Instruments

Business Details

With this feature, after the reversal of a financial transaction that is assigned to a completed FX hedge request, the system automatically adjusts the amount of the hedge request by the amount of the reversed financial transaction. Otherwise, the reversal of the financial transaction would reopen the FX hedge request. However, the original amount of the FX hedge request prior to the adjustment continues to be displayed in the new field *Initial Hedge Request Amount* in the FX hedge request.

- Due to the reversal of the hedging instruments and the adjustment of the hedge request amount, the key figures in the Hedge Management Cockpit, such as the key figures *Net Hedges*, *Hedge for Hedge Request*, and *Original Amount of Hedge Request*, are also adjusted accordingly. This ensures that the entry in the *Open Hedge Request Amount* field remains zero.



- If all financial transactions of this FX hedge request have been reversed, the status of the FX hedge request changes from *Completed* to *Withdrawn*.

  > **Note**
  >
  > For FX hedge requests with instrument categories *FX Collar* or *FX Swap* (available for hedging areas without hedge accounting and with risk-free currency = local currency), the status of the FX hedge request is also only changed to *Withdrawn* after all financial transactions have been reversed, and the hedge request amount is adjusted only after the reversal of both legs of an FX swap.

- If there is also a related trade request with the status *Completed*, the status of the related trade request remains *Completed* and the amounts of the trade request are not adjusted. However, you can see the status *Reversed* of the affected financial transactions on the *Financial Transaction* tab in the new column *Active Status* in the trade request using the *Process Trade Requests* app.

Implementation Details

If you need to create an incident regarding this feature, use component `FIN-FSCM-TRM-TM-HM`.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1X1 - Foreign Currency Risk Management

Technical Object Name	App ID: `TOENE` App ID: `TOEHREQO` App ID: `TPITRO`
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Hedge Management and Accounting of Net Open Exposures (FX Risk)
Reversing Hedging Instruments
Trade Request

4.3.2.6.3 New Authorization Object for Hedge Management Cockpit

Business Details

With this feature you can restrict the authorization for the data displayed in the Hedge Management Cockpit via the field '*On Behalf of Company Code*' of the new authorization object `F_TOE_HMC2` '*Hedge Management Cockpit (with On Behalf of Company Code)*' in addition to the already available criteria.

With this new authorization object, you can control which data can be shown in the Hedge Management Cockpit (`TOENE`). It provides you with the additional option of restricting access using the following fields:

- `AUTH_GR`: You can create authority groups in Customizing. Hedging areas have to be assigned to one authority group. In this way, you can grant authorization for specific hedging areas.
- `BUKRS`: Company code
- `ONBEHALFCC`: On Behalf of Company Code
- `RCURR`: Risk currency
- `ACTVT`: Display

Alternatively, you can control the access to the Hedge Management Cockpit using the already existing authorization object `F_TOE_HMC` *Hedge Management Cockpit*. This authorization object provides the same fields except for the *On behalf of Company Code* field.

Implementation Details

Authorizations

Adjust the user authorizations if you want to use the new authorization object.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	1X1 - Foreign Currency Risk Management
Technical Object Name	App ID: `TOENE`
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.3.2.7 Activate Additional Checks in Translation Table for Currencies (Datafeed)

Business Details

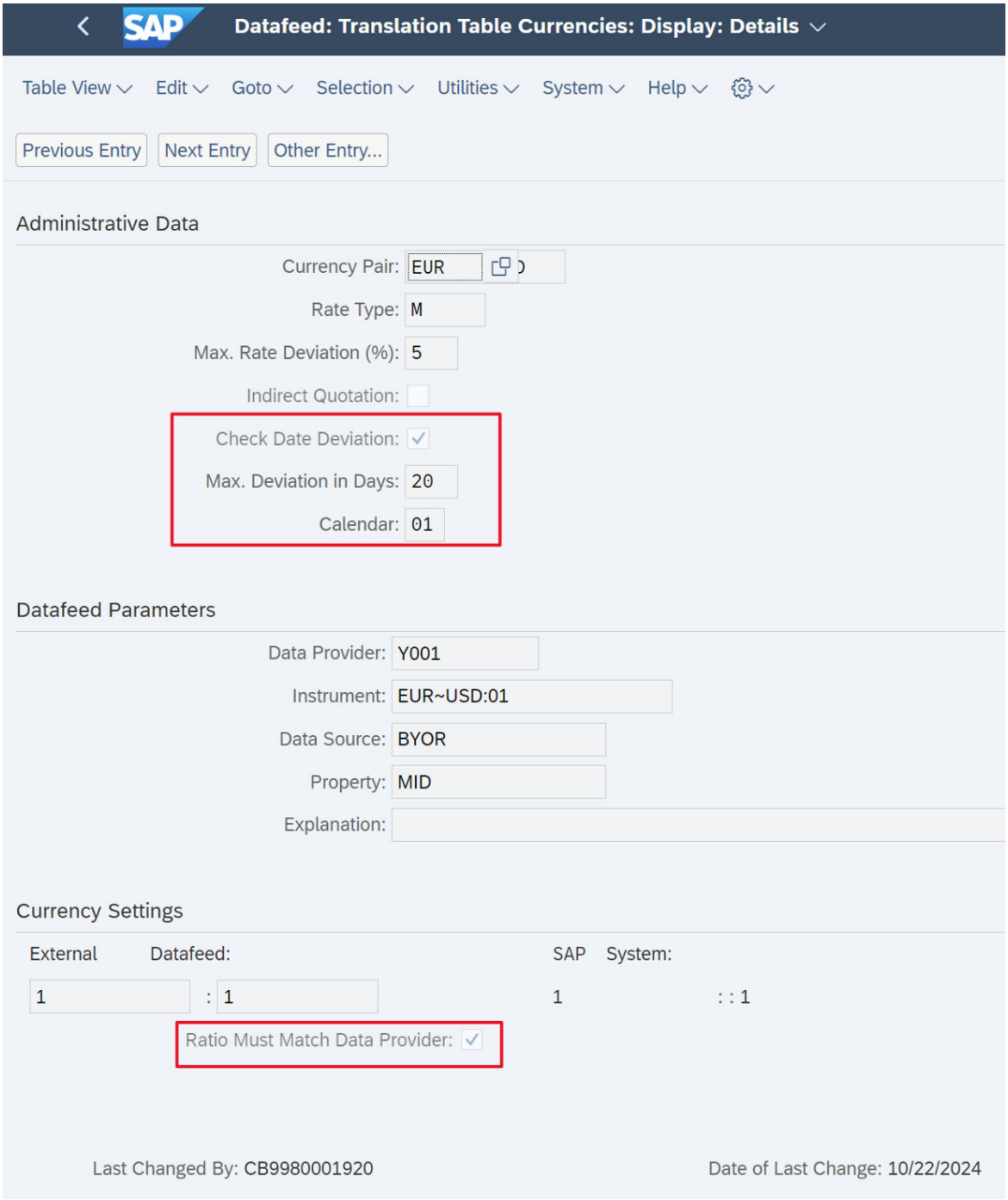
With this feature, you can activate the *Date Deviation Check*, the *Rate Deviation Check*, and tighten the *External Ratio Check* in the Customizing activity *Define Currencies* (available in Customizing for *Treasury and Risk Management* under *Basic Functions* > *Market Data Management* > *Datafeed* > *Translation Table*). Once activated, these checks take place during market data requests in the *Request Current Market Data - Datafeed* app (app ID: `TBD4`). When you request historical market data using the *Request Historical Market Data - Datafeed* app (app ID: `TBDJ`), only the **rate deviation check** and the **external ratio check** are performed. You can also control whether date deviations or rate deviations trigger a warning or an error message.

Implementation Details

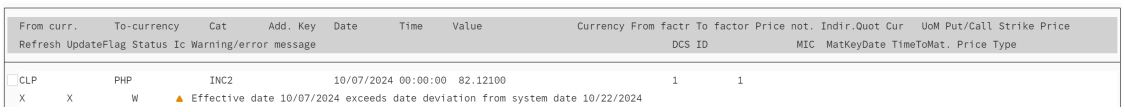
If you need to create an incident regarding this feature, use component `FIN-FSCM-TRM-BF-MD`.

Customizing

- *Define Currencies*



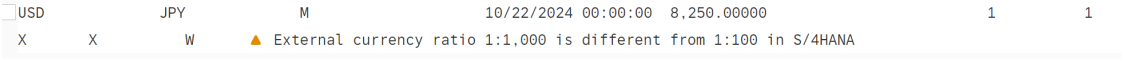
1. You can activate the **date deviation check** for a currency pair. If this check is active and the currency data retrieved is older than the maximum deviation defined in the *Max. Deviation in Days* field, you will receive a warning message. To fix this issue, retrieve the latest data from your data provider.



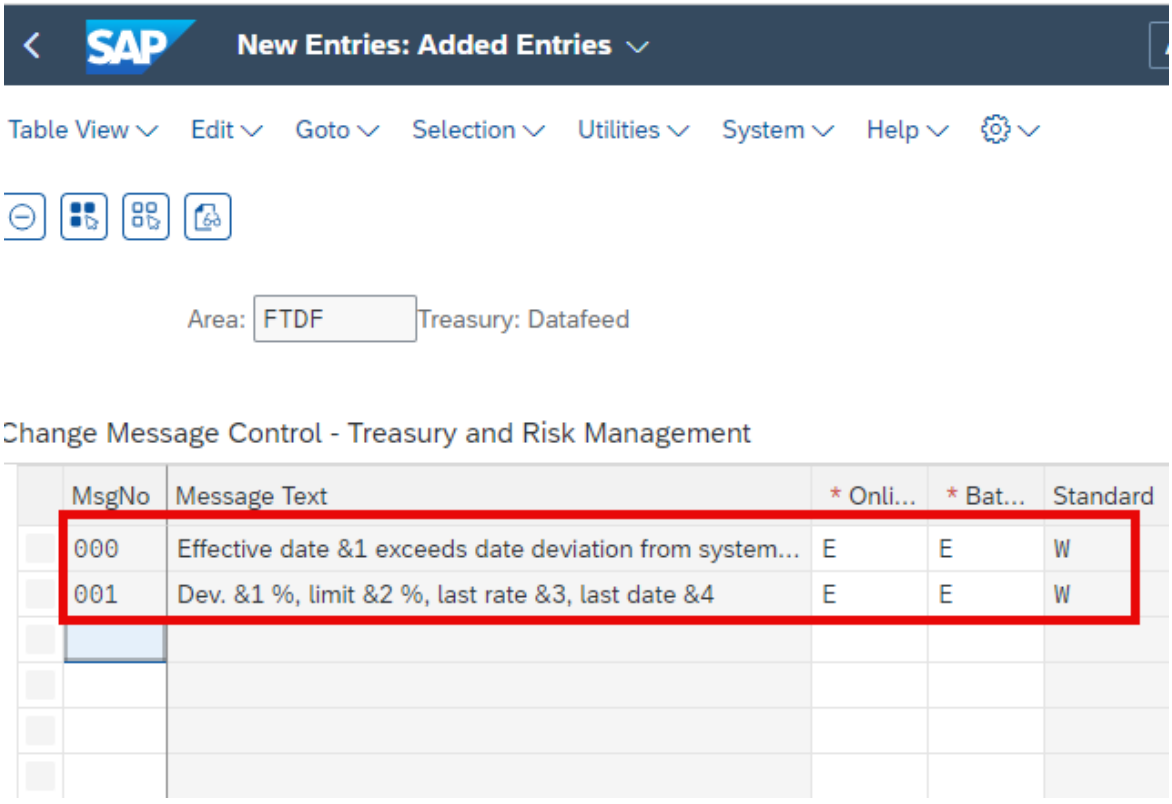
2. You can activate the **rate deviation check** for a currency pair so that a warning or error is issued in the case of strong deviations in exchange rates. If the last imported rate differs from the previous rate

entered in the currencies table by more than the percentage entered in the *Max. Rate Deviation in %* field, a warning message is issued.

3. You can set the error severity for the **check between your system ratio and the external conversion ratio** using the checkbox *Ratio Must Match Data Provider* in the *Currency Settings*. If activated, a ratio mismatch between the data provider and your system triggers a blocking error.



- *Change Message Control*
  In the Customizing activity *Change Message Control*, you can change the message type of messages from *Warning* (default setting) to *Errors*.
  - For the **date deviation check**, you can change the message type of the following message from *Warning* (default setting) to *Errors*:
    - Application area: `FTDF`
    - Message number: `000`.
  - For the **rate deviation check**, you can change the message type of the following message from *Warning* (default setting) to *Errors*:
    - Application area: `FTDF`
    - Message number: `001`.



Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App name: *Request Current Market Data - Datafeed* (app ID: `TBD4`) App name: *Request Historical Market Data - Datafeed* (app ID: `TBDJ`)
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Datafeed

4.3.2.8 Hedge Request / Trade Request – Dual Control for Release and Rejection

Business Details

With this feature, you can implement dual control for the release and rejection of hedge request and trade request.This means that the person who releases or rejects the request is checked against the creator of the request.

By default, no message is displayed. You can use Customizing to control whether this is an information message or an error message.

Implementation Details

Customizing

You can do this by making an entry in the Customizing activity *Change Message Control* under *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *General Settings* > *Transaction Management* :

- Application area `FTOE_HREQ_CORE`, message number 007 (hedge request)
- Application area `FTR_TPI_CORE`, message number 093 (trade request)

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	`1X1`
Technical Object Name	App ID: `TOEHREQO` App ID: `TPITRO`
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Process Hedge Requests
Process Trade Requests

4.3.2.9 CDS Views in Treasury and Risk Management

Business Details

With this feature, you get several new CDS views for Treasury and Risk Management.

The following new CDS views are available:

Name of CDS View	Technical Name of CDS View	Remark
Financial Transaction	`I_FinancialTransactionDEX`	This CDS view supports the extraction of administrative financial transaction data.
Trade Finance Category	`I_TradeFinanceCategory`	This view provides supported values for trade finance category.

Name of CDS View	Technical Name of CDS View	Remark
Option Exercise Type	`I_OptionExerciseType`	This view provides supported values for the option exercise type.
Option Settlement Type	`I_OptionSettlementType`	This view provides supported values for the option settlement type.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	See table above
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.4 Financial Operations

4.4.1 Invoice Management

4.4.1.1 Deleted Transaction: Data Medium Exchange Engine (DMEE)

Business Details

The DMEE transaction is no longer available for modification or creation of format trees in the outgoing direction, for example, the payment files generation process. The incoming direction remains unchanged. Use the successor tool *Extended Data Medium Exchange Engine (DMEEX)* to maintain and create format trees. For more information, see SAP note 3370503.

For the latest version of a migration process, implement the SAP note 3435565.

Technical Details

Type	Deleted
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	transaction: DMEE
Application Component	CA-GTF-CSC-DME (*Data Medium Exchange Engine*)
Availability	SAP S/4HANA
Valid as Of	2025

4.4.1.2 Structured Address in Payment Medium Files

Business Details

With this feature, you can have structured addresses per parties (including creditor, ultimate creditor, creditor agent, debtor, ultimate debtor, debtor agent, and one-time vendor) in the payment medium files. It contains dedicated fields for address information such as town, street, house number, and even building and floor. Utilizing structured addresses for each party streamlines the payment medium format mapping process during payment medium file creation.

To enable generation of payment medium files with structured address, you need to maintain format mappings with the key fields associated with structured address in the *Map Payment Format Data* (ID: F2685) app, and assign the format mapping to the relevant payment medium format in the *Create Payment Medium Formats* Customizing activity. The payment medium format can then be used for generating payment files after payment runs.

Implementation Details

Structure and Key Fields in Format Mapping

Key fields containing address information have been added to relevant structures. Click the > *(Navigation Right Arrow)* to expand the region and view the details. You can search for and add these fields to format mapping properties when you maintain format mappings in the *Map Payment Format Data* app.

Address Number Structure and Fields

Structure	Fields
FPAYH_SAD (*Address Number for Structured Address*)	ADRNR_CRD (*Creditor Address Number*)

Structure	Fields
	ADRNR_ULTICRD (*Ultimate Creditor Address Number*)
	ADRNR_CRDAGT (*Creditor Agent Address Number*)
	ADRNR_DBT (*Debtor Address Number*)
	ADRNR_ULTIDBT (*Ultimate Debtor Address Number*)
	ADRNR_DBTAGT (*Debtor Agent Address Number*)

One-Time Vendor Address Structure and Fields

Structure	Fields
FPAYH_OTV (*One-time Vendor Information for Structured Address*)	OTV_BUKRS (*Company Code*)
	OTV_BELNR (*Document Number of an Accounting Document*)
	OTV_GJAHR (*Fiscal Year*)
	OTV_BUZEI (*Number of Line Item Within Accounting Document*)
	OTV_ORT01 (*City*)
	OTV_LAND1 (*Country/Region Key*)
	OTV_STRAS (*Street and House Number*)
	OTV_PSTLZ (*Postal Code*)
	OTV_REGIO (*Region (State, Province, Country)*)

Creditor Address Structure and Fields

Structure	Fields
FPAYHX_CRD (*Creditor Information for Structured Address*)	STREETNM_CRD (*Street*)
	BLDMB_CRD (*House Number*)
	BLDNM_CRD (*Building (Number or Code)*)
	FLR_CRD (*Floor in Building*)
	PSTBX_CRD (*PO Box*)
	ROOM_CRD (*Room or Apartment Number*)
	PSTCD_CRD (*City Postal Code*)
	TWNNM_CRD (*City*)
	TWNLCTNNM_CRD (*Township*)
	DSTRCTNM_CRD (*District*)
	CTRYSUBDVSN_CRD (*Region (State, Province, Country)*)

Structure	Fields
	CTRY_CRD (*Country/Region Key*)
	CTRYNM_CRD (*Country/Region Name*)

Ultimate Creditor Address Structure and Fields

Structure	Fields
FPAYHX_UCR (*Ultimate Creditor Information for Structured Address*)	STREETNM_ULTICRD (*Street*)
	BLDMB_ULTICRD (*House Number*)
	BLDNM_ULTICRD (*Building (Number or Code)*)
	FLR_ULTICRD (*Floor in Building*)
	PSTBX_ULTICRD (*PO Box*)
	ROOM_ULTICRD (*Room or Apartment Number*)
	PSTCD_ULTICRD (*City Postal Code*)
	TWNNM_ULTICRD (*City*)
	TWNLCTNNM_ULTICRD (*Township*)
	DSTRCTNM_ULTICRD (*District*)
	CTRYSUBDVSN_ULTICRD (*Region (State, Province, Country)*)
	CTRY_ULTICRD (*Country/Region Key*)
	CTRYNM_ULTICRD (*Country/Region Name*)

Creditor Agent Address Structure and Fields

Structure	Fields
FPAYHX_CRA (*Creditor Agent Information for Structured Address*)	STREETNM_CRDAGT (*Street*)
	BLDMB_CRDAGT (*House Number*)
	BLDNM_CRDAGT (*Building (Number or Code)*)
	FLR_CRDAGT (*Floor in Building*)
	PSTBX_CRDAGT (*PO Box*)
	ROOM_CRDAGT (*Room or Apartment Number*)
	PSTCD_CRDAGT (*City Postal Code*)
	TWNNM_CRDAGT (*City*)

Structure	Fields
	TWNLCTNNM_CRDAGT (*Township*)
	DSTRCTNM_CRDAGT (*District*)
	CTRYSUBDVSN_CRDAGT (*Region (State, Province, Country)*)
	CTRY_CRDAGT (*Country/Region Key*)
	CTRYNM_CRDAGT (*Country/Region Name*)

Debtor Address Structure and Fields

Structure	Fields
FPAYHX_DBT (*Debtor Information for Structured Address*)	STREETNM_DBT (*Street*)
	BLDMB_DBT (*House Number*)
	BLDNM_DBT (*Building (Number or Code)*)
	FLR_DBT (*Floor in Building*)
	PSTBX_DBT (*PO Box*)
	ROOM_DBT (*Room or Apartment Number*)
	PSTCD_DBT (*City Postal Code*)
	TWNNM_DBT (*City*)
	TWNLCTNNM_DBT (*Township*)
	DSTRCTNM_DBT (*District*)
	CTRYSUBDVSN_DBT (*Region (State, Province, Country)*)
	CTRY_DBT (*Country/Region Key*)
	CTRYNM_DBT (*Country/Region Name*)

Ultimate Debtor Address Structure and Fields

Structure	Fields
FPAYP_UDB (*Ultimate Debtor Information for Structured Address*)	STREETNM_ULTIDBT (*Street*)
	BLDMB_ULTIDBT (*House Number*)
	BLDNM_ULTIDBT (*Building (Number or Code)*)
	FLR_ULTIDBT (*Floor in Building*)
	PSTBX_ULTIDBT (*PO Box*)

Structure	Fields
	ROOM_ULTIDBT (*Room or Apartment Number*)
	PSTCD_ULTIDBT (*City Postal Code*)
	TWNNM_ULTIDBT (*City*)
	TWNLCTNNM_ULTIDBT (*Township*)
	DSTRCTNM_ULTIDBT (*District*)
	CTRYSUBDVSN_ULTIDBT (*Region (State, Province, Country)*)
	CTRY_ULTIDBT (*Country/Region Key*)
	CTRYNM_ULTIDBT (*Country/Region Name*)

Debtor Agent Address Structure and Fields

Structure	Fields
FPAYHX_DBA (*Debtor Agent Information for Structured Address*)	ADRTYPE_DBTAGT (*Address type (1=Organization, 2=Person, 3=Contact person)*)
	PRTRY_DBTAGT (*Proprietary*)
	DEPT_DBTAGT (*Department*)
	SUBDEPT_DBTAGT (*Sub Department*)
	STREETNM_DBTAGT (*Street*)
	BLDMB_DBTAGT (*House Number*)
	BLDNM_DBTAGT (*Building (Number or Code)*)
	FLR_DBTAGT (*Floor in Building*)
	PSTBX_DBTAGT (*PO Box*)
	ROOM_DBTAGT (*Room or Apartment Number*)
	PSTCD_DBTAGT (*City Postal Code*)
	TWNNM_DBTAGT (*City*)
	TWNLCTNNM_DBTAGT (*Township*)
	DSTRCTNM_DBTAGT (*District*)
	CTRYSUBDVSN_DBTAGT (*Region (State, Province, Country)*)
	CTRY_DBTAGT (*Country/Region Key*)

Structure	Fields
	`CTRYNM_DBTAGT` (*Country/Region Name*)

General Implementation

For regular payments, the address maintained in the business partner master data is retrieved and filled in dedicated fields in payment medium files. For payments for one-time invoices, the address is not retrieved from the business partner master data but from the information maintained in one-time invoice documents. For business partners with international addresses, versions need to be maintained for international addresses, and the version ID for the international address will appear together with the structured address in payment medium files.

To enable the generation of structured addresses in payment medium files, the following Customizing settings must be fulfilled:

- For regular payments, maintain address information of your suppliers in the *Maintain Business Partner* app (ID: *BP*).
- For payments to suppliers with international address, maintain address version for the selected payment medium format in Customizing activity *Create/Assign Selection Variants (Alternative)*.
- For one-time payments, enter address of the supplier when you create one-time invoices.

Authorizations

To be able to access the *Map Payment Format Data* app in your Fiori launchpad, create a reference from the technical catalog of the app to your business catalog.

Technical Details

Action	Action/Review Required
Type	Changed
Functional Localization	No localization
Scope Item	J60 (Accounts Payable)
Technical Object Name	Not applicable
Latest Reference Content Version Required	No
Application Component	`FI-FIO-AP` (*Fiori UI for Accounts Payable*)
Valid as Of	2025

Related Information

Maintaining Format Mappings for Structured Addresses

4.4.1.3 Print/Email Payment Advice with SAP S/4HANA Output Management

Business Details

This feature enables you to print or email payment advice with SAP S/4HANA Output Management.

Channels PRINT and EMAIL are now enabled for payment advice with SAP S/4HANA Output Management. Therefore, you can now utilize SAP S/4HANA Output Management to print and email payment advice using SAP Fiori application *Manage Automatic Payments*.

Implementation Details

It is necessary to configure Output Parameter Determination (OPD) for Payment Advice. There is a need to download, import, and install the corresponding BRFplus file `OPD_FFO_PAYMENT_ADVICE.xml`, based on your S4CORE version and FPS level.

Effects on Existing Data

Payment advice generated with SAP S/4HANA Output Management is visible in *Output Items* tab of SAP Fiori app *Manage Automatic Payments* (F0770)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	J60 (Accounts Payable)
Technical Object Name	`F0770`
Application Component	`FI-FIO-AP-PAY` *(Payment Apps)*
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.4.1.4 Deleted Business Add-In (BAdI): File Modification

Business Details

With this release, the **BAdI: File Modification** (DMEE_BADI_01) is deleted. You can use its successor the*Output File Postprocessing* (`DMEE_OUTPUT_POSTPROCESSING`).

Technical Details

Type	Deleted
Functional Localization	No localization
Scope Item	J78 J60 1WV 1X1 1X3 BFB 4MT 3QM
Technical Object Name	transaction: `DMEEX`
Application Component	`CA-GTF-CSC-DME` (*Data Medium Exchange Engine*)
Availability	SAP S/4HANA
Valid as Of	2025

4.4.1.5 Swiss QR-Bill Related Field in Free Form Payments

Business Details

This feature allows you to enter details related to Swiss QR-Bills in the *Additional Info* field of the *Process Free Form Payments* app. It's an optional, free text entry field and is available when the following prerequisites are met:

- The *Payment Request Type* is *For Supplier* or *Free Form Payment*.
- The company code is configured for QR-Bills.

- The currency is CHF or EUR.
- A payment method for QR-Bills exists.
- The house bank country is Switzerland.
- The IBAN is Swiss or Liechtensteiner and is a QR-IBAN (having a special range 31000-31999 in positions 5-9).
- The QR Reference in the format **ESRRE n(27)* is specified in the *Reference Text* field.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	J60 (Accounts Payable)
Technical Object Name	App ID: `F2564`
Application Component	`FI-FIO-AP-PAY` (*Payment Apps*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

My Free Form Payments
Process Free Form Payments

4.4.2 Receivables Management

4.4.2.1 Bank Statement Processing

4.4.2.1.1 Displaying Sums

Business Details

The functionality to view sums in the overview table in the *Reprocess Bank Statement Items* and *Reprocess Lockbox Items* apps has been deprecated as of SAP S/4HANA 2023 and has now been deleted.

Until now, you could view the sum of the items' amounts in the overview table in the *Reprocess Bank Statement Items* and *Reprocess Lockbox Items* apps. To enhance the overall performance of the apps, this functionality has been deprecated as of SAP S/4HANA 2023 and has now been deleted.

Technical Details

Type	Deleted
Functional Localization	No localization
Scope Item	J59 (Accounts Receivable) 1JT (Lockbox)
Technical Object Name	App ID: `F1520` App ID: `F3398`
Application Component	`FI-FIO-AR` (*Fiori UI for Accounts Receivable*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Reprocess Bank Statement Items
Reprocess Lockbox Items

4.4.2.2 Manage Credit Accounts

Business Details

Financial statement data that have been sent by credit agencies via SAP S/4HANA Cloud for credit integration are now displayed in the *Manage Credit Accounts* app.

Via SAP S/4HANA Cloud for credit integration, credit agencies can send financial statement data as additional data in their credit reports. With the new integration, you can see them in the *Manage Credit Accounts* app in the *Financial Statement Data* section.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1RY (Credit Agency Integration)
Technical Object Name	App ID: `F4596`
Application Component	`FIN-FIO-CCD-CR` (*Fiori UI for Credit Management*) `FIN-FSCM-CR` (*Credit Management*) `FIN-FSCM-CAI` (*Credit Agency Integration*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Credit Accounts
Available Fields for Financial Statement Data

4.4.3 Settlement Management

4.4.3.1 Manage Condition Contract - Internal Commissions

Business Details

With this app, you can manage condition contracts that represent internal sales commission agreements. The app now also displays the current contract value of a condition contract which is the total net amount of all completed final settlements, partial settlements and delta settlements carried out for the condition contract.

In addition, you can extend the app according to your business needs. Note that only the *Personnel Settlement Documents* table of a settlement date is released for both key user extensibility and developer extensibility.

Implementation Details

With the *Custom Fields* app, you can create and maintain custom fields that you can use to enhance applications. You can add fields to the following UI elements using key user adaptation:

Business Context	UI Technology	Navigation Path	UI Element Type
`I_SETTLMTMGMTDOC` (*Settlement Management: Settlement Management Document*)	SAP Fiori	*List Report Page* > *Object Page* > *Settlement Dates tab* > *Settlement Date* > *Personnel Settlement Documents*	Personnel Settlement Documents Table

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3TD (Internal Commissions Settlement for Sales)
Technical Object Name	App ID: `F7263`
Application Component	`LO-GT-CHB` (*Condition Contract Maintenance*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Condition Contracts - Internal Commissions
App Extensibility: Manage Condition Contracts - Internal Commissions

4.4.3.2 Condition Contract

Business Details

With this app, you can display detailed information about your sales and supplier rebate agreements, external sales commission agreements, internal commission agreements, and royalty agreements. These agreements are maintained as condition contracts in the system. The app now also displays the current contract value

of an internal commission agreement maintained as a condition contract which is the total net amount of all completed final settlements, partial settlements and delta settlements carried out for the condition contract.

In addition, you can extend the app according to your business needs. Note that only the *Personnel Settlement Documents* display in this app is released for both key user extensibility and developer extensibility.

Implementation Details

With the *Custom Fields* app, you can create and maintain custom fields that you can use to enhance applications. You can add fields to the following UI elements using key user adaptation:

Business Context	UI Technology	Navigation Path	UI Element Type
`I_SETTLMTMGMTDOC` (*Settlement Management: Settlement Management Document*)	SAP Fiori	*Condition Contract* > *Settlement Date* > *Personnel Settlement Documents*	Personnel Settlement Documents Table

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3TD (Internal Commissions Settlement for Sales)
Technical Object Name	App ID: `F3594A`
Application Component	`LO-GT-CHB` (*Condition Contract Maintenance*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Condition Contract
App Extensibility: Condition Contract

4.4.3.3 Monitor Personnel Settlement Document Items

Business Details

With this app, you can get an overview of personnel settlement document items with the ability to quickly search for and analyze specific personnel settlement document items. This helps you to easily monitor and manage commissions that occurred during internal commissions settlement on organizational and product levels.

In addition, you can extend the app according to your business needs. Note that this app is released for both key user extensibility and developer extensibility.

Implementation Details

With the *Custom Fields* app, you can create and maintain custom fields that you can use to enhance applications. You can add fields to the following UI elements using key user adaptation:

Business Context	UI Technology	Navigation Path	UI Element Type
`I_SETTLMTMGMTDOC` (*Settlement Management: Settlement Management Document*)	SAP Fiori	*Monitor Personnel Settlement Document Items*	Analytical List Page Filters Analytical List Page View Settings
`I_SETTLMTMGMTDOCITEM` (*Settlement Management: Settlement Management Document Item*)	SAP Fiori	*Monitor Personnel Settlement Document Items*	Analytical List Page Filters Analytical List Page View Settings

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3TD (Internal Commissions Settlement for Sales)
Technical Object Name	App ID: `F7935`
Application Component	`LO-AB` (*Settlement Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Related Information

Monitor Personnel Settlement Document Items
App Extensibility: Monitor Personnel Settlement Document Items

4.4.3.4 Manage Personnel Settlement Documents

Business Details

With this app, you can process personnel settlement documents that were created in Settlement Management based on workforce condition contracts or based on commissions data transferred from SAP SuccessFactors Incentive Management.

In addition, you can extend the app according to your business needs. Note that this app is released for both key user extensibility and developer extensibility.

Implementation Details

With the *Custom Fields* app, you can create and maintain custom fields that you can use to enhance applications. You can add fields to the following UI elements using key user adaptation:

Business Context	UI Technology	Navigation Path	UI Element Type
`I_SETTLMTMGMTDOC` (*Settlement Management: Settlement Management Document*)	SAP Fiori	*Manage Personnel Settlement Documents*	List Report Page Filters List Report Page View Settings
`I_SETTLMTMGMTDOCITEM` (*Settlement Management: Settlement Management Document Item*)	SAP Fiori	*Manage Personnel Settlement Documents* > *Personnel Settlement Document* > *Items*	Personnel Settlement Document Items Table

Effects on Existing Data

This app is the successor of the *Manage Personnel Settlement Documents (Deprecated)* app. The *Manage Personnel Settlement Documents (Deprecated)* app is deprecated and will be deleted from the SAP Fiori launchpad in an upcoming release. The deprecated app may no longer be available by default on the SAP Fiori launchpad. In this case, you can find it in the app finder until it is deleted. We recommend that you switch to the successor app as soon as possible.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3TD (Internal Commissions Settlement for Sales)
Technical Object Name	App ID: F3808A
Application Component	LO-AB (*Settlement Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Personnel Settlement Documents
App Extensibility: Manage Personnel Settlement Documents

4.4.3.5 Deprecated App in Settlement Management

Business Details

The *Manage Personnel Settlement Documents (Deprecated)* app is deprecated as of SAP S/4HANA 2025. The app will be deleted from the SAP Fiori launchpad in an upcoming release. Please use the successor app instead.

Name of Deprecated App	Fiori ID of Deprecated App	Business Catalog of Deprecated App	Name of Successor App	Fiori ID of Successor App	Business Catalog of Successor App
Manage Personnel Settlement Documents (Deprecated)	F3808	*Sales - Manage Personnel Settlement Documents* (SAP_SD_BC_PSDOC_IC_MNG)	*Manage Personnel Settlement Documents*	F3808A	*Sales - Manage Personnel Settlement Documents* (SAP_SD_BC_PSDOC_IC_MNG)

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	3TD (Internal Commissions Settlement for Sales)
Technical Object Name	App ID: F3808
Application Component	LO-AB (*Settlement Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Personnel Settlement Documents

4.4.3.6 Objects Released for Developer Extensibility in Settlement Management

Business Details

With the objects released in Settlement Management, you have a stable interface to access data from SAP S/4HANA when building custom applications or extensions with developer extensibility. You can integrate the released objects in your custom code or extend them at predefined extension points. Depending on your use case, different object types are provided (such as BAdIs, CDS views, business object interfaces). You find all the released objects in the ABAP Development Tools (ADT), when you're connected to SAP S/4HANA.

Additional Details

The following table summarizes the objects that have been added, changed or deprecated for developer extensibility with the current release.

Objects Added, Changed, or Deprecated for Developer Extensibility

Object Type	End-User Name	Technical Name	Type	Details
Business object interface	Personnel Settlement Document	`I_PERSSETTLMTDOCTP`	New	With this business object interface, you can read and process personnel settlement documents in the internal commissions settlement process.

Developer extensibility allows you to create development projects in SAP S/4HANA by using ABAP Development Tools for Eclipse. This gives you the opportunity to build extensions, services, and SAP Fiori apps using the complete set of ABAP features released for SAP S/4HANA, for example, with the ABAP RESTful Application Programming model, http services, and ABAP objects. For more information about the released objects and how to find them, see Released Development Objects.

Effects on System Administration

For more information about the authorizations required for working with the development objects released for developer extensibility, see Configure Authorizations.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3TD (Internal Commissions Settlement for Sales)
Technical Object Name	See the table above
Application Component	`LO-AB` (*Settlement Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.4.3.7 App Extensibility: Display Settlement Dates

Business Details

You can extend the *Display Settlement Dates* app according to your business needs. Note that only the *Personnel Settlement Documents* table of a workforce contract-related settlement date is released for both key user extensibility and developer extensibility.

Implementation Details

With the *Custom Fields* app, you can create and maintain custom fields that you can use to enhance applications. You can add fields to the following UI elements using key user adaptation:

Business Context	UI Technology	Navigation Path	UI Element Type
`I_SETTLMTMGMTDOC` (*Settlement Management: Settlement Management Document*)	SAP Fiori	*List Report Page* > *Workforce Contracts tab* > *Settlement Date* > *Personnel Settlement Documents*	Personnel Settlement Documents Table

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3TD (Internal Commissions Settlement for Sales)
Technical Object Name	App ID: `F4964`
Application Component	`LO-GT-CHB` (*Condition Contract Maintenance*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

App Extensibility: Display Settlement Dates

4.4.3.8 App Extensibility: Monitor Personnel Settlement Documents

Business Details

You can extend the *Monitor Personnel Settlement Documents* app according to your business needs. Note that this app is released for both key user extensibility and developer extensibility.

Implementation Details

With the *Custom Fields* app, you can create and maintain custom fields that you can use to enhance applications. You can add fields to the following UI elements using key user adaptation:

Business Context	UI Technology	Navigation Path	UI Element Type
`I_SETTLMTMGMTDOC` (*Settlement Management: Settlement Management Document*)	SAP Fiori	*Monitor Personnel Settlement Documents*	Analytical List Page Filters Analytical List Page View Settings

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3TD (Internal Commissions Settlement for Sales)
Technical Object Name	App ID: `F4009`
Application Component	`LO-AB` (*Settlement Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

App Extensibility: Monitor Personnel Settlement Documents

4.4.3.9 Personnel Settlement Document

Business Details

With this app, you can now view the pricing information for an individual personnel settlement document.

In addition, you can extend the app according to your business needs. Note that this app is released for both key user extensibility and developer extensibility.

Implementation Details

With the *Custom Fields* app, you can create and maintain custom fields that you can use to enhance applications. You can add fields to the following UI elements using key user adaptation:

Business Context	UI Technology	Navigation Path	UI Element Type
`I_SETTLMTMGMTDOC` (*Settlement Management: Settlement Management Document*)	SAP Fiori	*Personnel Settlement Document*	Fact Sheet
`I_SETTLMTMGMTDOCITEM` (*Settlement Management: Settlement Management Document Item*)	SAP Fiori	*Personnel Settlement Document* > *Items*	Personnel Settlement Document Items Table

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3TD (Internal Commissions Settlement for Sales)
Technical Object Name	App ID: `F5084`
Application Component	`LO-AB` (*Settlement Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Personnel Settlement Document
App Extensibility: Personnel Settlement Document

4.4.3.10 Event Extensibility in Settlement Management

Business Details

The business events (Created, Changed, Released) of the following business objects have been released for extensibility in Settlement Management:

- Personnel Settlement Document
- Freight Cost Allocation Document

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3TD (Internal Commissions Settlement for Sales) 6W1 (External Transportation Planning) 6W2 (Manual Transportation Planning) 6W3 (Transportation Execution) 6W4 (Freight Settlement)
Technical Object Name	See the table above
Application Component	LO-AB (*Settlement Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Event Handling for Personnel Settlement Documents
Event Handling for Freight Cost Allocation Documents

4.4.3.11 OData API: Personnel Settlement Document - Read

Business Details

With this release, the OData API Personnel Settlement Document - Read is enabled for key user extensibility and developer extensibility.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3TD (Internal Commissions Settlement for Sales)
Technical Object Name	API: `API_PERS_SETTLMT_DOC`
Application Component	`LO-AB` (*Settlement Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Extensibility: Personnel Settlement Document

4.4.3.12 Analyze Detailed Statement - Internal Commissions

Business Details

With this app, you can view an itemization of the business volume that was considered in the creation of personnel settlement documents. The detailed statement provides you with transparency and traceability of the settlement and can also be used for auditing purposes.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3TD (Internal Commissions Settlement for Sales)
Technical Object Name	App ID: `F8521`
Application Component	`LO-GT-CHB` (*Condition Contract Maintenance*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Analyze Detailed Statement - Internal Commissions

4.4.3.13 CDS Views for Settlement Management

Business Details

Several CDS views have been added in Settlement Management.

The following CDS views have been released:

Name	Description	Status	Application Component
`I_CndnDocSuplrInvcDlvCostCat` (*Condition Document Supplier Invoice Delivery Cost Category*)	This CDS view provides supported values for `CndnDocSuplrInvcDlvCostCat`.	New	`LO-GT-CHB`
`I_CndnDocSuplrInvcDlvCostCatT` (*Condition Document Supplier Invoice Delivery Cost Category - Text*)	For more information, see Condition Document Supplier Invoice Delivery Cost Category.		

Name	Description	Status	Application Component
`I_SettlmtRptgDisplayVariant` (*Reporting Display Variant*) `I_SettlmtRptgDspVariantName` (*Reporting Display Variant - Text*)	This CDS view provides supported values for `SettlmtRptgDisplayVariant`. For more information, see Reporting Display Variant.	New	`LO-AB`
`I_SettlmtReportingUsageCat` (*Reporting Usage of a Settlement Document*) `I_SettlmtReportingUsageCatText` (*Reporting Usage of a Settlement Document - Text*)	This CDS view provides supported values for `SettlmtReportingUsageCat`. For more information, see Reporting Usage of a Settlement Document.	New	`LO-GT-CHB`

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1B6 (Sales Rebate Processing) 2R7 (Purchasing Rebate Processing) 2TT (Sales Commissions – External Sales Representative) 3TD (Internal Commissions Settlement for Sales) 55I (Royalties Settlement for Sales)
Technical Object Name	See the table above
Application Component	`LO-GT-CHB` (*Condition Contract Maintenance*) `LO-AB` (*Settlement Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

CDS Views for Settlement Management

4.4.3.14 OData API: Condition Contract

Business Details

Several enhancements have been made to the *Condition Contract* OData API with this release, including a new function, new actions and new fields.

The `DetermineSettlementAmounts` function enables you to determine the settlement amounts and group them based on several aspects. This function extends beyond calculating net amounts to include determining other amounts such as business volume amounts, accruals reversal amounts, and partial settlement reversal amounts. The `Lock` action enables you to lock existing condition contracts while the `DeleteLogically` action enables you to delete existing condition contracts logically. Additionally, new fields have been added to enhance the OData API.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1B6 (Sales Rebate Processing) 2R7 (Purchasing Rebate Processing) 2TT (Sales Commissions – External Sales Representative) 3TD (Internal Commissions Settlement for Sales) 55I (Royalties Settlement for Sales)
Technical Object Name	API: `ConditionContract`
Application Component	`LO-GT-CHB` (*Condition Contract Maintenance*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Condition Contract Lock (POST)
Condition Contract Determine Settlement Amounts (GET)
Condition Contract Delete Logically (POST)

4.4.3.15 Harmonized Document Management for Condition Contracts

Business Details

With Harmonized Document Management (HDM), you can have a harmonized document solution in all SAP S/4HANA apps. HDM has now also been integrated into the Condition Contract (`WCOCO`) app in Settlement Management for better customer and user experience.

Implementation Details

Configuration

HDM is inactive in your system by default. To enable this feature, you need to activate HDM in your configuration environment.

Effects on Existing Data

When HDM is activated, documents can only be uploaded after a condition contract has been saved for the first time. The documents will be managed in a standalone app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1B6 (Sales Rebate Processing) 2R7 (Purchasing Rebate Processing) 2TT (Sales Commissions – External Sales Representative) 3TD (Internal Commissions Settlement for Sales) 55I (Royalties Settlement for Sales)
Technical Object Name	`CONDITIONCONTRACT`
Application Component	`LO-GT-CHB` (*Condition Contract Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.4.3.16 Process Sales Rebates in Different Company Codes

Business Details

The sales rebate processing capabilities of Settlement Management have been enhanced. You can now settle a rebate agreement for a customer with a business volume generated in different company codes and for different sales areas in a way that you create separate settlement documents for the involved company codes and sales areas, whereas for the determination of the scale level of the rebate condition the business volume from all company codes and sales areas is considered.

This business objective is achieved with a two-step settlement procedure. Company code and sales area serve as additional split criteria on item level for the parked settlement documents and as header split criteria in the creation of the collective settlement documents so that actually the parked settlement documents are split by company code and sales area. These split parts created for different rebate agreements are still combined in collective settlement documents as usual. This two-step procedure can also be applied to condition contracts for multiple customers, where the customer is used as additional split criterion.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1B6 (Sales Rebate Processing)
Technical Object Name	Not applicable
Application Component	`LO-GT-CHB` (*Condition Contract Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Sales Rebate Processing

4.4.3.17 Different Business Volumes for Rebate Scale Determination and Rebate Calculation in Sales Rebate Processing

Business Details

In sales rebate processing, you can now differentiate between the business volume used for rebate scale determination and the business volume for rebate calculation. This brings you more flexibility in choosing which criteria to apply rebates on.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1B6 (Sales Rebate Processing)
Technical Object Name	Not applicable
Application Component	`LO-GT-CHB` (*Condition Contract Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Use Different Business Volumes for Rebate Scale Determination and Rebate Calculation

4.4.3.18 Different Business Volumes for Rebate Scale Determination and Rebate Calculation in Purchasing Rebate Processing

Business Details

In purchasing rebate processing, you can now differentiate between the business volume used for rebate scale determination and the business volume for rebate calculation. This brings you more flexibility in choosing which criteria to apply rebates on.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	2R7 (Purchasing Rebate Processing)
Technical Object Name	Not applicable
Application Component	`LO-GT-CHB` (*Condition Contract Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Use Different Business Volumes for Rebate Scale Determination and Rebate Calculation

4.4.3.19 Settling Sales Rebates with Paid Billing Documents

Business Details

In the basic scenario, the data source for business volume determination is billing documents in sales without a payment check. In some other scenarios, you use paid billing documents as the business volume. You can now configure condition contracts to settle sales rebates based on paid billing documents, ensuring accurate accruals and settlement amounts.

To settle sales rebates only for paid billing documents, you define a process variant and use it in the condition contract. Accruals consider all billing documents, but settlement amounts are based exclusively on business volume from paid billing documents.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	1B6 (Sales Rebate Processing)
Technical Object Name	Not applicable
Application Component	`LO-GT-CHB` (*Condition Contract Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Use Paid Billing Documents as the Business Volume

4.4.3.20 Settling External Commissions with Paid Billing Documents

Business Details

In the basic scenario, the data source for business volume determination is billing documents in sales without a payment check. In some other scenarios, you use paid billing documents as the business volume. You can now configure condition contracts to settle external commissions based on paid billing documents, ensuring accurate accruals and settlement amounts.

An alternative method has been introduced to configure condition contracts to settle external commissions based on paid billing documents. You can now calculate accruals based on all billing documents but calculate settlement amounts based exclusively on business volume from paid billing documents.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	2TT (Sales Commissions – External Sales Representative)
Technical Object Name	Not applicable
Application Component	`LO-GT-CHB` (*Condition Contract Maintenance*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Use Paid Billing Documents as the Business Volume

4.4.3.21 Settling Internal Commissions with Paid Billing Documents

Business Details

In the basic scenario, the data source for business volume determination is billing documents in sales without a payment check. In some other scenarios, you use paid billing documents as the business volume. You can now configure condition contracts to settle internal commissions based on paid billing documents, ensuring accurate accruals and settlement amounts.

An alternative method has been introduced to configure condition contracts to settle internal commissions based on paid billing documents. You can now calculate accruals based on all billing documents but calculate settlement amounts based exclusively on business volume from paid billing documents.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3TD (Internal Commissions Settlement for Sales)
Technical Object Name	Not applicable
Application Component	`LO-GT-CHB` (*Condition Contract Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Use Paid Billing Documents as the Business Volume

4.4.3.22 Settling Royalties with Paid Billing Documents

Business Details

In the basic scenario, the data source for business volume determination is billing documents in sales without a payment check. In some other scenarios, you use paid billing documents as the business volume. You can now configure condition contracts to settle royalties based on paid billing documents, ensuring accurate accruals and settlement amounts.

To settle royalties only for paid billing documents, you define a process variant and use it in the condition contract. Accruals consider all billing documents, but settlement amounts are based exclusively on business volume from paid billing documents.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	55I (Royalties Settlement for Sales)
Technical Object Name	Not applicable
Application Component	`LO-GT-CHB` (*Condition Contract Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Use Paid Billing Documents as the Business Volume

4.4.3.23 Commissions for Single Sales Deals

Business Details

The external commissions settlement capabilities of Settlement Management have been enhanced. The *Commissions for Single Sales Deals* process variant is now available for you to specify the commission amount individually for each sales order item.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	2TT (Sales Commissions – External Sales Representative)
Technical Object Name	Not applicable
Application Component	`LO-GT-CHB` (*Condition Contract Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

External Commissions Settlement

4.4.3.24 Intercompany Royalties Settlement Processing

Business Details

The royalties settlement capabilities of Settlement Management have been enhanced. You now have a process variant which is the settlement of royalties between two company codes.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	55I (Royalties Settlement for Sales)
Technical Object Name	Not applicable
Application Component	LO-AB (*Settlement Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Royalties Settlement

4.4.3.25 New Menu and Reports for Factoring

Business Details

A new menu *Factoring* has been added to the Settlement Management area menu (*Settlement Management* > *Environment* > *Factoring*), which includes the following reports:

- *Factoring List: Mass Change* (`WLF_FCL_MASS_CHANGE`)
- *Factoring Cockpit* (`WLF_FACTORING`)

The *Factoring List: Mass Change* report allows you to mass edit newly offered items in open, modifiable factoring lists. The *Factoring Cockpit* report helps you conveniently manage factoring tasks through context-based navigation.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable

Technical Object Name	Report:
	`WLF_FCL_MASS_CHANGE`
	`WLF_FACTORING`

Application Component	`LO-AB` (*Settlement Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.4.3.26 Manual Settlement Document

Business Details

Several enhancements have been made to the manual settlement document with this release, including a new function for creating with reference, new fields and an additional distribution method.

The transaction `WB2R_DOC_ENTRY` can now also be used to create manual settlement documents with a given reference of an existing manual settlement document of the same contract. On the process variant level, the fields *Distribution Filter* (`WCB_C_PROC_VAR_D-DISTRIB_FILTER_GROUP`) and *Zero Net Amount Lines in Distribution* (`WCB_C_PROC_VAR_D-DISTRIB_ZERO_LINES`) allow you to control the creation of sub-items at item distribution for manual settlement documents. Furthermore, you can choose an additional distribution method for manual settlement documents based on business volume.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`LO-GT-CHB` (*Condition Contract Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.4.3.27 Internal Commissions Settlement

Business Details

SAP Best Practices content is now available for the internal commissions settlement capabilities of Settlement Management. The sales commission settlement for internal sales representatives based on workforce condition contracts in SAP S/4HANA has been available since SAP S/4HANA 2023. The solution is appropriate when you do not have the need to determine sales commissions based on a multilayer workforce model. By making use of this new SAP Best Practices content, you can quickly get the process up and running.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3TD (Internal Commissions Settlement for Sales)
Technical Object Name	Not applicable
Application Component	`LO-GT-CHB` (*Condition Contract Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Internal Commissions Settlement

4.4.4 Travel Management

4.4.4.1 Travel Request Apps Based on SAP Fiori Elements for OData V4

Business Details

The following apps are replacing the deprecated apps with the latest technology in terms of accessibility, usability, security, data protection and privacy requirements, and performance:

- *My Travel Requests for Business Traveler (Version 4)* (F6015A) replaces *My Travel Requests for Business Traveler (Deprecated)* (F6015)
- *Travel Requests for Travel Assistant (Version 4)* (F0409C) replaces *Travel Requests for Travel Assistant (Deprecated)* (F0409B)

The deprecated apps will be deleted from the SAP Fiori launchpad in an upcoming release. The deprecated apps may no longer be available by default on the SAP Fiori launchpad. In this case, you can find it in the app finder until it is deleted. We recommend that you switch to the successor apps as soon as possible.

Implementation Details

If you need to create a support incident, use component FI-FIO-TV-MTR.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App IDs: • `F0409C` • `F6015A`
Application Component	`FI-TV-COS` (*Travel Expenses*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

My Travel Requests for Business Traveler (Version 4)
My Travel Requests for Business Traveler (Deprecated)
Travel Requests for Travel Assistant (Version 4)
Travel Requests for Travel Assistant (Deprecated)

4.4.4.2 My Travel Requests App Enabled for Concurrent Employment

Business Details

This feature enables you to create and manage travel requests for your different personnel assignments if you are concurrently employed. You can use the list box for navigating between your assignments. The travel request always displays for which assignment this request was created. This feature is only available in the *My Travel Requests for Business Traveler (Version 4)* app (`F6015A`).

Travel assistants who want to manage travel requests for concurrently employed persons, need to add all different personnel numbers to their employee lists and select the relevant one when creating a travel requet.

Implementation Details

If you need to create a support incident, use component FI-FIO-TV-MTR.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F6015A`
Application Component	`FI-TV-COS` (*Travel Expenses*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

My Travel Requests for Business Traveler (Version 4)
Concurrent Employment in SAP Travel Management
List Box for Navigating Between Personnel Assignments for Concurrent Employment

4.4.4.3 Deprecation of Travel Request Apps (Version 3)

Business Details

The following apps are deprecated, please use the successor apps instead:

Deprecated App	Successor App
My Travel Requests for Business Traveler (F6015)	My Travel Requests for Business Traveler (Version 4) (F6015A)
Travel Requests for Travel Assistant (F0409B)	Travel Requests for Travel Assistant (Version 4) (F0409C)

The deprecated apps will be deleted from the SAP Fiori launchpad in an upcoming release. The deprecated apps may no longer be available by default on the SAP Fiori launchpad. In this case, you can find it in the app finder until it is deleted. We recommend that you switch to the successor apps as soon as possible.

Implementation Details

If you need to create a support incident, use component FI-FIO-TV-MTR.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App IDs: • `F0409B` • `F6015`
Application Component	`FI-TV-COS` (*Travel Expenses*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.4.4.4 Removal of My Travel (Version 2) Apps

Business Details

The following apps have been deprecated as of SAP S/4HANA 2022 and have now been deleted from the SAP Fiori Launchpad. Please use the successor apps instead:

Removed App	Successor App
My Travel Requests (Version 2) (F0409A)	• My Travel Requests for Business Traveler (Version 4) (F6015A) • Travel Requests for Travel Assistant (Version 4) (F0409C) Deprecated as of SAP S/4HANA 2025: • My Travel Requests for Business Traveler (F6015) • Travel Requests for Travel Assistant (F0409B)
My Travel and Expenses (Version 2) (F0584A)	• My Travel and Expenses for Business Traveler (F6190) • Travel and Expenses for Travel Assistant (F0584B)

Implementation Details

If you need to create a support incident regarding this removal, use one of the following components:

- For *My Travel Requests* (Version 2) (F0409A): `FI-FIO-TV-MTR`
- For *My Travel and Expenses* (Version 2) (F0584A): `FI-FIO-TV-MTE`

Technical Details

Type	Deleted
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App IDs: • `F0409A` • `F0584A`
Application Component	`FI-TV-COS` (*Travel Expenses*)

Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.4.4.5 Deprecation of Travel Planning (in SAP Travel Management)

Business Details

The Travel Planning solution and the following apps are deprecated:

- My Travel Plans (`F6768`)
- Travel Plans for Travel Assistant (`F6771`)
- Web Dynpro app *Create and Change Travel Plan* (`FITP_PLANNING`)

Neither will we develop any further innovations or improvements for this solution nor will we make adjustments if a connected third-party online booking system becomes unavailable or introduces incompatible new versions.

For more information, see 3630038 (*Decommissioning of Amadeus AMI and synchronization of cytric trip data*).

> **Note**
>
> This deprecation is valid as of:
>
> - 2022 SPS06
> - 2023 SPS04
> - 2025

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App IDs: • `F6768` • `F6771`

Application Component	`FI-TV-PL` (*Travel Planning*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	• 2022 SPS06 • 2023 SPS04 • 2025

4.4.5 Financing with SAP Taulia

4.4.5.1 Payables Financing with SAP Taulia

Business Details

With the Payables Financing solution integrated with SAP Taulia, you can facilitate early payments to your suppliers by using the various payables financing types. These financing types include supply chain financing, dynamic discounting, and virtual cards.

The Payables Financing solution can enhance liquidity for both your business and your suppliers. With this integration, once your suppliers submit an early payment request through SAP Taulia, a payables financing order will be created in SAP S/4HANA, including financing order items and instructions. A new app named *Display Payables Financing Orders* (F8343) has been developed to support the Payables Financing solution. This app allows you to view detailed information of financing orders, such as supplier, financing type and discount information.

For more information about the business process flow, see Payables Financing.

Prerequisites

To enable the Payables Financing process, ensure the following prerequisites are met:

- You have activated the 7MG(Integration of Payable Financing with Taulia) scope item.
- You have scheduled a background job to load your payable items to the harmonized model for receivable and payable items (RPI model). For more information, see Schedule Jobs for Receivable Items/Payable Items.

Implementation Details

Authorizations

To enable users to access the *Display Payables Financing Orders* app, their business users need to have the *Accounts Payable - Payables Financing Orders* (`SAP_SFIN_BC_AP_PFO_DOC_DSP`) business catalog assigned. The business catalog is delivered in the *Accounts Payable Accountant* (`SAP_BR_AP_ACCOUNTANT`) business role template.

Configuration and Master Data

To use the Payables Financing process, ensure the following configuration and master data settings are completed:

- In your customizing environment, make relevant customizing settings for **Payables Financing**. For more information, see Customizing for Payables Financing.
- Maintain master data for business partners involved in payables financing. For more information, see Master Data.

Technical Details

Type	New
Functional Localization	Dynamic discounting is localized for Austria, Australia, New Zealand, Netherlands, the United Arab Emirates, and the United Kingdom
Scope Item	7MG
Technical Object Name	App ID:`F8343`
Application Component	`FI-AP-AP-PF` (*Payables Financing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Financing Types
Financing Order Processing
Display Payables Financing Orders

4.4.5.2 Data Management in Financing

Business Details

Here's the information about new and changed data management objects delivered for Financing.

Additional Details

Name of Data Management Object	Object Type	Changes with this Release	Details	More Information
`FI_FTRF_DOC`	data destruction object	New data destruction object added.	You can use this object to destroy receivables financing documents.	Destroying Receivables Financing Documents Using FI_FTRF_DOC
`FI_FTRF_AGRMT`	data destruction object	New data destruction object added.	You can use this object to destroy receivables financing agreements and the related receivables financing documents.	Destroying Receivables Financing Agreements and Documents Using FI_FTRF_AGRMT
`FI_FPF_ORDER_DESTRUCTION`	data destruction object	New data destruction object added.	You can use this object to destroy payables financing orders.	Destroying Payables Financing Orders Using FI_FPF_ORDER_DESTRUCTION

Compliance with Data Protection and Privacy (DPP) Regulations

These objects support compliance with regulations, such as **GDPR**, by enabling the controlled, auditable, and irreversible deletion of personal and financial data after its retention period has expired.

Archiving Before Destruction

As per SAP's **Information Lifecycle Management (ILM)** best practices, **archiving should be performed before destruction** to ensure that any data required for reporting or auditing is securely stored. Destruction permanently removes the data from the system.

Irreversibility

Once executed, **data destruction is irreversible**. It is recommended to set up appropriate authorization checks and approval workflows to prevent accidental deletions.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	See the **Additional Details** table above
Technical Object Name	See the **Additional Details** table above
Application Component	• `FI-AR-AR-RF` (*Receivables Financing*) • `FI-AP-AP-PF` (*Payables Financing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Related Information

Data Management

4.4.5.3 Customizing for Financing

With this release, new customizing activities for making settings related to Financing have been added.

Implementation Details

Customizing Changes

Type of change	Customizing for ...	New/changed customizing activity	What you can do	Leading scope items
New customizing activity	Receivables Financing	*Define Number Range Intervals for Receivables Financing Agreements*	Define and manage number ranges for receivables financing agreements.	7DX (Integration of Receivable Financing with Taulia)
New customizing activity	Receivables Financing	*Define Number Range Intervals for Receivables Financing Documents*	Define and manage number ranges for receivables financing documents for specific company codes.	7DX (Integration of Receivable Financing with Taulia)
New customizing activity	Receivables Financing	*Define Funder Account Assignment Groups*	Define account assignment groups for funders in receivables financing and specify their descriptions.	7DX (Integration of Receivable Financing with Taulia)

Type of change	Customizing for ...	New/changed customizing activity	What you can do	Leading scope items
Customizing activity enhanced	Receivables Financing	*Define G/L Accounts for Receivables Financing Documents*	Define G/L accounts for receivables financing by using the *Define Accounts for Receivables Financing* process in subarea *Accounts Receivable and Accounts Payable*, area *Financial Accounting*.	7DX (Integration of Receivable Financing with Taulia)
New customizing activity	Receivables Financing	Define G/L Accounts for Offset Postings	Define G/L accounts for offset postings by specifying the reconciliation account, sold receivables account and adjustment account.	7DX (Integration of Receivable Financing with Taulia)
New customizing activity	Payables Financing	*Define Default Payment Methods for Virtual Cards*	You define default payment methods for virtual cards for a specific country/region or company code.	7MG (Integration of Payable Financing with Taulia)
New customizing activity	Payables Financing	*Define Number Range Intervals for Payables Financing Orders*	You specify number range intervals for payables financing orders per paying company codes.	7MG (Integration of Payable Financing with Taulia)

Technical Details

Action	Action/Review Required
Type	• New
Functional Localization	No localization
Scope Item	See table *Customizing Changes*
Application Component	• `FI-AR-AR-RF` (*Receivables Financing*) • `FI-FIO-AP-PF` (*Payables Financing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Customizing for Receivables Financing

4.4.5.4 Receivables Financing with SAP Taulia

Business Details

With the Receivables Financing solution integrated with SAP Taulia, you can get advance cash payments by selling your outstanding accounts receivable to a third party known as the funder.

By leveraging this solution, you can access the financing services of multiple funders based on your unique financing needs. You can improve your cash flow and capitalize on investment opportunities for business growth and innovation.

For more information about the business process flow, see Receivables Financing.

The following two new apps have been developed for the Receivables Financing process:

- *Manage Receivables Financing Agreements* (F8158)
- *Manage Receivables Financing Documents* (F7983)

Prerequisites

To use the Receivables Financing solution, ensure that the following prerequisites are fulfilled:

- You've activated the 7DX scope item.
- You've scheduled a background job to load your receivable items to the harmonized model for receivable and payable items (RPI model). For more information, see Schedule Jobs for Receivable Items/Payable Items.
- You've completed the SAP Taulia funding application.
  To do so, you first need to complete the two prerequisites listed above. You will then see your list of debtors in the SAP Taulia. From there, you can submit applications for financing, view funding offers for approved applications, and manage early payments and outstanding balances.
  For information and a guide on financing applications in SAP Taulia, as well as SAP Taulia receivables financing FAQs, visit SAP Taulia's website.

Implementation Details

Authorizations

To enable users to access the two new apps, their business users need to have the following business catalogs assigned:

App	Business Catalog	Delivered in Business Role Template
Manage Receivables Financing Agreements	*Accounts Receivable - Receivables Financing Agreements* (SAP_FIN_BC_AR_TRF_AGR_PROC)	*Accounts Receivable Manager* (SAP_BR_AR_MANAGER)
Manage Receivables Financing Documents	• *Accounts Receivable - Receivables Financing Documents* (SAP_FIN_BC_AR_TRF_DOC_PROC) • *Accounts Receivable - Receivables Financing Agreement Display* (SAP_FIN_BC_AR_TRF_AGR_DISP)	*Accounts Receivable Accountant* (SAP_BR_AR_ACCOUNTANT)

Customizing and Master Data

To enable the Receivables Financing process, ensure the following:

- Make relevant Customizing settings. For more information, see Customizing for Receivables Financing.
- Define relevant master data, including the setup of financing agreements and funder master data. For more information, see Master Data.

Data Management

The two data destruction objects FI_FTRF_DOC and FI_FTRF_AGRMT have been developed for destroying receivables financing agreements and documents. For more information, see Destroying Receivables Financing Documents Using FI_FTRF_DOC and Destroying Receivables Financing Agreements and Documents Using FI_FTRF_AGRMT.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7DX
Technical Object Name	App ID: • F8158 • F7983
Application Component	• FI-AR-AR-RF (*Receivables Financing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Receivables Financing
Customizing for Receivables Financing
Manage Receivables Financing Agreements
Manage Receivables Financing Documents

4.5 Billing and Revenue Innovation Management

4.5.1 Convergent Invoicing

4.5.1.1 Asynchronous Rating Process Monitoring and Rating Log

Business Details

With this feature, you can monitor the progress of asynchronous rating processes. If you run the rating process separately from the process for creating billable items (for example, in an integration with SAP Convergent Charging), you can check the rating log to see whether billable items have been created for all rated consumption items, and whether rated consumption items have been created for all uploaded billable items.

The *Display Rating Log* app enables you to select rating items by their rating status and other criteria, and to navigate to the consumption items and billable items of a rating item. A rating item can be either a single consumption item or an aggregate of consumption items. If the rating status allows, you can manually invalidate rating for a rating item.

Implementation Details

Customizing

- Your consumption item class must include the interface component `RATING_LOGA` (Process Monitoring for Asynchronous Rating).
- Your billable item class must include the interface components `CIT_REF` (Link with Consumption Items) and `CITID` (Consumption Item ID).
- You must activate the rating log for the rating group that you use for asynchronous rating. Use the search function in Customizing to open the following activity: *Define Rating Groups*. Under *Process Monitoring* for your rating group, select *Rating Log Active*.
- You must specify a reversal reason for billable items, for cases where a billable item arrives in the system after rating is invalidated. Reversal reasons for billable items are defined in configuration activity *Define Reasons for Reversal for Billable Items*.

In configuration activity *Define Rating Groups*, you can define other settings as required, for example:

- Under *Rating Settings*, you can define a rating lock period, to prevent a consumption item without a rating status from being rated twice, in case another rating run starts before the external rating system has confirmed a successful rating by providing a source transaction. After the lock period, the rating will be automatically invalidated, and the consumption item can be processed by rating again.
  The rating lock period can help you to avoid creating duplicates.
- Under *Display Settings in Log* you can define time limits for rating and creation of billable items. In the rating log, the status flag for rating items in the log is shown as white initially. If the defined time limits are exceeded, the status flag is shown as red.
- Under *Residence Time of Completed Log Entries*, you define how long rating items appear in the rating log.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `FKKBIX_RATING_LOG`
Application Component	`FI-CA-INV` (*Convergent Invoicing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Display Rating Log

4.5.1.2 Decoupling of Print Relevance from Posting Relevance

Business Details

With this feature, you can define the print relevance of billing document items independently of their posting relevance. This characteristic is passed on to the related invoicing document item. For example, cost postings, which are not relevant for customer invoices, no longer have to be print relevant.

To ensure that the amounts posted as a receivable agree with the amounts printed on the invoice, posting-relevant invoice items are typically also print relevant. However, posting-relevant items need not appear on customer invoices.

However, you can still transfer the information to be used for posting and printing in separate invoice items. In this case, you must ensure that these items belong to the same substitution group, and that the amount to be posted corresponds to the amount to be printed.

Implementation Details

Customizing

- To suppress printing for invoicing documents that contain no print-relevant items, open configuration activity *Define Invoicing Types*. Choose *Invoicing Processes*, and select *If No Print-Relevant Invoicing Items Exist* for the selected invoicing process.
- To configure cost items as not print relevant, open configuration activity *Define Billable Item Cost Types*. Under *Cost Subtypes*, select *Not Print-Relevant* for the cost subtype.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`FI-CA-INV` (*Convergent Invoicing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.5.1.3 Manage Consumption Items

Business Details

This app was renamed from *Display Consumption Items*. The reason for renaming is the wide range of features in addition to display. For more information about the available features, see the app description.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F3410`
Application Component	`FI-CA-INV` (*Convergent Invoicing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Consumption Items

4.5.1.4 Manage Billable Items

Business Details

This app was renamed from *Display Billable Items*. The reason for renaming is the wide range of features in addition to display. For more information about the available features, see the app description.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2621`
Application Component	`FI-CA-INV` (*Convergent Invoicing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Valid as Of	2025

Related Information

Manage Billable Items

4.5.1.5 Manage Billing Documents

Business Details

This app was renamed from *Display Billing Documents*. The reason for renaming is the wide range of features in addition to display. For more information about the available features, see the app description.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2250`
Application Component	`FI-CA-INV` (*Convergent Invoicing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Billing Documents

4.5.1.6 Manage Invoicing Requests

Business Details

This app was renamed from *Display Invoicing Requests*. The reason for renaming is the wide range of features in addition to display. For more information about the available features, see the app description.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2622`
Application Component	`FI-CA-INV` (*Convergent Invoicing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Invoicing Requests

4.5.1.7 Manage Invoicing Documents

Business Details

This app was renamed from *Display Invoicing Documents*. The reason for renaming is the wide range of features in addition to display. For more information about the available features, see the app description.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2048`
Application Component	`FI-CA-INV` (*Convergent Invoicing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Invoicing Documents

4.5.1.8 Monitor Transfer Records – Revenue Accounting

Business Details

With this feature, you can monitor transfer records that are created in Convergent Invoicing for an integration with Revenue Accounting.

You can search for transfer records according to selection criteria and display a list of transfer records. You can select transfer records in the list and navigate to the related billable items. You can display the pricing conditions used to calculate the amounts.

This app is one of two successors of the *Display Transfer Records - Revenue Accounting* app. The other successor is the *Monitor Transfer Records for Billable Items – Revenue Accounting* app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID: `F7988`
Application Component	`FI-CA-INV` (*Convergent Invoicing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Monitor Transfer Records – Revenue Accounting
Monitor Transfer Records for Billable Items – Revenue Accounting

4.5.1.9 Monitor Transfer Records for Billable Items – Revenue Accounting

Business Details

With this feature, you can monitor transfer records that are created from billable items in Convergent Invoicing for an integration with Revenue Accounting.

You can search for transfer records that are based on billable items according to selection criteria, and display a list of transfer records by source transaction. You can select source transactions in the list and navigate to the related billable items or transfer records.

This app is one of two successors of the *Display Transfer Records - Revenue Accounting* app. The other successor is the *Monitor Transfer Records – Revenue Accounting* app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F7989`
Application Component	`FI-CA-INV` (*Convergent Invoicing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Valid as Of	2025

Related Information

Monitor Transfer Records for Billable Items – Revenue Accounting
Monitor Transfer Records – Revenue Accounting

4.5.2 Contract Accounting

4.5.2.1 Integration with General Ledger Accounting: Logging of Reconciliation and Reposting of Reconciliation Differences

Business Details

With the *Reconcile Open Items* (`FPO2`) transaction, you reconcile the current balance in Contract Accounts Receivable and Payable with the general ledger for the specified reconciliation accounts and VAT clearing accounts. The result of reconciliation of the open items is now logged in the system. With transaction `FPOPSNAP_MAINTAIN`, you can display the snapshots created.

With transaction `FPOPSNAP_MAINTAIN`, you can transfer post reconciliation differences that may occur during a system conversion, for example.

Implementation Details

Customizing

Transfer posting of reconciliation differences with transaction `FPOPSNAP_MAINTAIN` is only possible in consultation with SAP Support. The transfer posting is protected by an access key that can only be assigned by SAP. For further information, see SAP Note 3397786.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	App ID/Transaction: `FPOPSNAP_MAINTAIN`
Application Component	`FI-CA-IN-GL` (*General Ledger Accounting*)
Availability	SAP S/4HANA und SAP S/4HANA Cloud Private Edition
Valid From	SAP S/4HANA 2025

Related Information

Reconciliation
Adjustments

4.5.2.2 Collection Agencies: Migration of Exchanged Information When Switching from Files to Enterprise Services

Business Details

When communicating with collection agencies using files, the system saves the exchanged information in a different table than when communicating with collection agencies using the available enterprise services. If you want to switch to communication using enterprise services, you must migrate the data by using the `RFKKCOLLMIG` report (transaction `FP03MIG`).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `FP03MIG` Report: `RFKKCOLLMIG`
Application Component	`FI-CA-BT` (*Business Transactions*)

Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Communicating with Collection Agencies by Using Enterprise Services or APIs

4.5.2.3 Clearing of Open Items in Payment Lot by Payment Advice: Automatic Clarification when Payment Received Before Payment Advice

Business Details

If you have specified a payment advice number as the selection category when you entered a payment lot, but the payment advice is received only after the payment, the system creates a clarification case for the payment when the payment lot is posted. In this case, you can now trigger follow-up activities in event 0197. Event 0197 is processed during the creation of payment advices in transaction FPAV when a payment advice is closed or saved and closed.

At event 0197, you can use the payment amount or the payment advice number, for example, to check whether there is an open clarification case for incoming payments for the payment advice.

When you finally enter and close the payment advice, the system runs event 0197, which closes the clarification case automatically in the following steps:

1. Determination of the clarification case
2. Posting of incoming payment with unchanged selection category *Payment Advice*
3. Change of status of the dispute case to *Completed*
4. Note on the document number of the clarification document in the payment lot item and in the payment advice

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Sample Function Module `FKK_SAMPLE_0197`
Application Component	`FI-CA-BF-OI` (*Open Item Management*)
Availability	SAP S/4HANA und SAP S/4HANA Cloud Private Edition
Valid From	2025

Related Information

Use of Payment Advices

4.5.2.4 Submit to Collection Agency: Automatic Recall by API Collection Agency – Confirmation

Business Details

You can now process the recall of collection items automatically as part of data receipt by API Collection Agency - Confirmation.

If the system settings are maintained accordingly and information is received for a collection item in the corresponding status, API Collection Agency – Confirmation triggers the recall. The system then automatically completes all activities of the recall.

Implementation Details

Customizing

In Customizing for Contract Accounts Receivable and Payable, under *Business Transactions* > *Submit to Collection Agency* > *Maintain Status of Collection Units*, you have defined the statuses for recalled items that are to trigger automatic processing and have set the *Recall* indicator for these statuses.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	SOAP API: `CommissionedOutstandingCollectionsERPBulkConfirmation_In`
Application Component	`Business Transactions` (*FI-CA-BT*)
Availability	SAP S/4HANA und SAP S/4HANA Cloud Private Edition
Valid From	2025

Related Information

Automatic Recall by API Collection Agency – Confirmation

4.5.2.5 Closing Dispute Cases in Dispute Management Automatically

Business Details

With transaction `FPDMCLOSE`, you can close a large number of dispute cases automatically. At event 1265, you must decide if a dispute case is to be closed automatically.

If the relevant status is set for the dispute case, the mass run that you schedule with transaction `FPDMCLOSE` closes the dispute case.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `FPDMCLOSE`
Application Component	`FI-CA-IN` (*Integration*)
Availability	SAP S/4HANA und SAP S/4HANA Cloud Private Edition

Valid as Of	2025

Related Information

Close Dispute Case

4.5.2.6 Transfer Run for Bank Statements

Business Details

Besides the *Transfer Bank Statement* (FPB7) app, the new *Transfer Run for Bank Statements* (FPB7P) app is now available for transferring bank statements in parallel.

Implementation Details

Customizing

The *Transfer Run for Bank Statements* (FPB7P) app requires the same system settings as the *Transfer Bank Statement* (FPB7) app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: FPB7P
Application Component	FI-CA-BT-PY-PP (*Processing of Incoming/Outgoing Payments*)
Availability	SAP S/4HANA und SAP S/4HANA Cloud Private Edition
Valid From	2025

Related Information

Import Electronic Account Information in Parallel
Transfer of Bank Statement Items from an SAP S/4HANA System to the SAP S/4HANA Cloud Public Edition System

4.5.2.7 Integration with Bank Accounting (FI-BL): Disbursement of Payables by Using Payment Requests

Business Details

You can post disbursements in Contract Accounts Receivable and Payable, but then generate a payment request for the disbursement and disburse them by using *Payment Program for Payment Requests* (transaction `F111`) of Bank Accounting (FI-BL).

> **Example**
>
> In a distributed system landscape, you want to manage only receivables in Contract Accounts Receivable and Payable. You want to process disbursements for all connected systems in one system.

The process is as follows:

1. In Contract Accounts Receivable and Payable, you post a credit memo (for example, as part of account maintenance).
2. You schedule a payment run in Contract Accounts Receivable and Payable (`FPY1`).
   The payment run uses BAPI `BAPI_PAYMENTREQUEST_CREATE` to create a payment run, clears the credit memo in Contract Accounts Receivable and Payable, and posts a corresponding clearing document.
   The account is determined via posting area 1061 (*Define Accounts for Payment Program* Customizing activity). The bank subaccount defined here is used here as a clearing account to which the payment amount is transferred.
   The system updates the payment request number in the header of the clearing document for follow-on processes, such as reversals.
3. You schedule a run of the *Payment Program for Payment Requests* (transaction `F111`).
   The program posts a G/L account document to the general ledger and triggers the disbursement. The payment amount is transferred from the bank clearing account in Contract Accounts Receivable and Payable to the bank clearing account in Bank Accounting.
4. When the bank statement is received, the posting is made to the bank account. This posting automatically clears the bank clearing account in Bank Accounting.

You display payment requests in Financial Accounting in the transaction for displaying payment requests (`F8BT`).

The document display of Contract Accounts Receivable and Payable (transaction `FPE3`) displays the payment request number with the status of the payment request in the header of the clearing document on the *Administrative Data* tab page. If Contract Accounts Receivable and Payable and Bank Accounting run in the same system, you can double-click the number to display the detailed data for the payment request (jump to transaction `F8BS`).

The *Display Payment List* app (`F3917`) displays the payment request number on the *Payments for Business Partner Items* tab page.

You can reverse a payment request – provided that the payment request has not already been reversed and disbursement has not yet been made.

To reverse a payment request, reverse the clearing document of the credit memo in Contract Accounts Receivable and Payable with the transaction for reversing documents (`FP08`) or via mass runs for document reversal (transactions `FP08M` and `FP08MP`). BAPI `BAPI_PAYMENTREQUEST_CANCEL` automatically reverses the associated payment request.

Implementation Details

Customizing

To be able to create payment requests from Contract Accounts Receivable and Payable for processing disbursements, the following prerequisites must be met.

- In Customizing for Contract Accounts Receivable and Payable in the *Define Payment Methods* Customizing activity, you must define a payment method with the *Payment Request* (T) processing type.
  If the payment run (`FPY1`) clears a document with this payment method, the system automatically generates a payment request.
- In the *Set Up Payment Methods per Company Code for Payment Transactions* Customizing activity in Financial Accounting, you must set up the same payment method for the outgoing payment as in Contract Accounts Receivable and Payable.
  The value must be defined identically in both Customizing activities.
- If, in a multiple system scenario, you generate the payment request in a different system to the one in which Contract Accounts Receivable and Payable is running, you must define the corresponding logical system for creating the payment request for each paying company code in Customizing for Contract Accounts Receivable and Payable in the *Define Logical System for Creating Payment Requests* Customizing activity.
- If Contract Accounts Receivable and Payable and Bank-Related Accounting (FI-BL) do not run in the same system, you must ensure that the house bank is defined the same in both systems (see *Manage Banks* app (`F1574`) or transaction `FI12_HBANK`).
- If Contract Accounts Receivable and Payable and Bank Accounting (FI-BL) do not run in the same system, you must also ensure that the G/L account to which the payment run of Contract Accounts Receivable and Payable (`FPY1`) posts also exists in the system in which bank accounting is running. Open item management must be active for the G/L account.
- For the reversal, you must define reversal reasons for the payment request in Customizing for Contract Accounts Receivable and Payable in the *Define Reversal Reasons* Customizing activity.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F111`
Application Component	`FI-CA-IN` (*Integration*)
Availability	SAP S/4HANA und SAP S/4HANA Cloud Private Edition
Valid From	SAP S/4HANA 2025

Related Information

Integration with Bank Accounting (FI-BL): Disbursement of Payables by Using Payment Requests

4.5.2.8 Withdrawal of Provider Contract Items

Business Details

If you are using an external contract management system, you can transfer a withdrawal timestamp for provider contract items using the Provider Contract – Manage API, the `BAPI_CTRACBILLCONTRACT_CREATE` BAPI, the `BAPI_CTRACBILLCONTRACT_CHANGE` BAPI, or the RFC enabled function module `CRM_ISX_CONTRACT_MAINTAIN`.

A contract item can be withdrawn provided that no follow-on item exists for that contract item. Once a contract item has been withdrawn, it is only possible to make changes to it that do not lead to the creation of a follow-on item. Withdrawn contract items remain visible to other applications and can still be posted to. If a withdrawn contract item is relevant for revenue accounting, the end date of the related performance obligation is set to the withdrawal date.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable

Application Component	FI-CA-BF (*Basic Functions*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Provider Contract
Displaying and Changing Provider Contracts
Provider Contract – Manage
BAPIs in Contract Accounting

4.5.2.9 Display of Classification Key (OPORD) and Reference Document Number (XBLNR) fields

Business Details

The following apps have been enhanced with the classification key (OPORD) and reference document number (XBLNR) fields:

- FPZW (Adjust Receivables)
- FP03 (Manage Items Submitted for Collection)
- FP03E (Release Items for Collection)
- FP30 (Search of Payments in Payment Lots)
- FPCRPO (Credit Clarification) and FPTCRPO (Processing of Credits)
  These fields are available for new credit clarification worklists (DFKCRPO). Existing credit clarification worklists, however, will not be updated with these fields.

Implementation Details

Customizing

To use the classification key field, the standard enhancement for the classification key must me active (see Customizing activity: *Classification Key*).

To use the classification key field in credit clarification worklists, you must reactivate the standard enhancement for the classification key (see Customizing activity: *Classification Key*), even though it has already been activated in your system.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `FPZW` App ID: `FP03` App ID: `FP03E` App ID: `FP30` App ID: `FPCRPO`
Application Component	`FI-CA` (*Contract Accounts Receivable and Payable*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Clarify Credits
Processing Credits

4.5.2.10 Cash Desk: Use of Credit Card Managed by SAP digital payments add-on

Business Details

In the cash desk, you can now use credit cards that are managed by the SAP digital payments add-on.

To use a credit card that is managed by the SAP digital payments add-on, go to the *Credit Card Payment* tab, enter the amount and the card ID, and press *Enter*. The system will then retrieve the credit card data from the business partner master record, such as the stored token and validity dates. If you are entering a new credit card to be managed by the SAP Digital Payments add-on, enter the details in the *Register Card* dialog displayed by the system (see Entering One-Time Cards).

You can post a payment with an amount split across payment cards in cases where not all credit cards are managed by the SAP Digital Payments add-on.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `FPCD` App ID: `FPCJ`
Application Component	`FI-CA-BT-PY-PP` (*Processing Incoming and Outgoing Payments*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Cash Desk

4.5.2.11 Manage Payment Orders

Business Details

With the new *Manage Payment Orders* Fiori app, you can display, change, and reverse payment orders for direct debits and bank transfers as well as payment orders for card payments.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F7651`
Application Component	`FI-CA-BT-PY-CP` (*Incoming/Outgoing Payment Creation*)

Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Payment Orders

4.5.2.12 Import of Intraday Bank Statements

Business Details

Using the *Transfer Run for Bank Statements* (`FPB7P`), you can now transfer intraday bank statement data. To do so, schedule transfer runs at the desired time intervals. The system only transfers new bank statement information to payment and return lots automatically.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `FPB7P`
Application Component	`FI-CA-BT-PY-PP` (*Processing Incoming and Outgoing Payments*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Import Electronic Account Information in Parallel

4.5.2.13 Transmitting Invoices Created in Sales Billing to the Peppol Access Point

Business Details

The Peppol network enables companies to send electronic invoices and other business-critical documents to public sector clients or any entity registered within the Peppol network across the EU, following standardized formats.

If you create invoices in Sales Billing and transfer the associated billing documents from Sales and Distribution to Contract Accounting, you can now generate electronic documents for the invoices and submit them electronically via the Peppol sender access point. Transmission can occur through email or a service.

Implementation Details

Customizing

The following system settings are a prerequisite:

- Activate the source type `SDINV_FICA` for the desired company code in the *Activate Source Type Documents for Company Code* Customizing activity.
- To send electronic invoices via email, maintain the `CL_EDOC_FACTORY_EMAIL_SD_FICA` class for the source document type `SDINV_FICA` in the *Activate Additional eDocument Instance Creation* Customizing activity.
- To send electronic invoices via service, maintain the `CL_EDOC_FACTORY_SDINV_FICA` class for the source document type `SDINV_FICA` in the *Activate Additional eDocument Instance Creation* Customizing activity.

Technical Details

Type	New
Functional Localization	Germany
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`FI-CA-IN` (*Integration*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Document and Reporting Compliance

4.5.2.14 Integration with Sales and Distribution (SD): Withholding Tax Posting in Brazil

Business Details

When Sales and Distribution (SD) is integrated with Contract Accounting (FI-CA), and billing documents are transferred to Contract Accounting instead of Accounts Receivable (FI-AR), the system can now post withholding tax in Brazil, which is withheld by the customer at the time of payment.

Implementation Details

Customizing

To post withholding tax in Brazil, withheld by the customer at the time of payment, make the following settings in Customizing for Contract Accounts Receivable and Payable under *Basic Functions* > *Withholding Tax*:

- In the *Define Defaults for G/L Items in SD/FI-CA Integration* Customizing activity, define the conditions of the SD billing document that are to be posted as statistical items in the FI-CA document at the time of payment
- In the *Define Defaults for Business Partner Items in SD/FI-CA Integration* Customizing activity, for the business partner items of the FI-CA document, define the withholding tax code and, if necessary, the withholding tax supplement depending on the withholding tax type and withholding tax code from the SD billing document

Technical Details

Type	New
Functional Localization	Localized for Brazil
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`FI-CA-BF` (*Basic Functions*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Valid as Of	2025

Related Information

Integration Between SD and FI-CA in the Same System and Client

4.5.2.15 Tracking Outgoing Payments by Using a Unique End-to-End Transaction Reference (UETR) Carried over SWIFT

Business Details

You can now include a unique end-to-end transaction reference (`UETR`) in all payment instruction messages carried over SWIFT. When making an outgoing payment by using the `xx_CGI_XML_CT` payment medium formats delivered by SAP, the system can add the `UETR` to your credit transfers, enabling you to track the status of your payments via the Global Payment Innovation (GPI) Tracker.

To transfer the `UETR` with each payment, while maintaining the format parameters for the payment medium variant, set the value of the *Use Unique E2E Reference (UETR)* field to *X*.

The system displays the `UETR` identifier with the payment data in the payment list. Ensure that the *Unique Reference (UETR)* field is included in the layout for proper display.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`FI-CA-BT-PY-CP` (*Incoming/Outgoing Payment Creation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Payment Media Formats for Communication with Banks

4.5.2.16 Display of General Ledger Items Simulated and Posted During Write-Off

Business Details

Previously, this was only possible for mass write-offs using transaction `FP04M`.

Now, if you set the *Update Itemization* indicator when writing off individual receivables in transaction `FP04`, you can display the posted G/L items in the transaction menu under *Extras* > *Display Itemization*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `FP04`
Application Component	`FI-CA-BT-WO` (*Write-Offs*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Writing Off Items in Mass Runs
Write Off Items

4.5.2.17 Master Data Grouping for Dunning by Collection Strategy

Business Details

Previously, in the *Define Default Values for Contract Account Group and Strategy* Customizing activity, you could define default values for the master data group when you define a collection strategy and master data group in the contract accounts of your business partners.

Now, in the new *Define Default Values for Groups of Provider Contracts and Strategy* Customizing activity, you can define default values for the master data group when you define a collection strategy and master data group in the provider contracts of your business partners. If you make individual adjustments in the master data group maintenance transaction (transaction `FPCG`), select a provider contract of the business partner, and choose *Create Proposal*. The system will propose the collection strategy defined in the new posting area 0230 for the master data group.

Implementation Details

Configuration

Make the settings in the *Define Default Values for Groups of Provider Contracts and Strategy* Customizing activity.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`FI-CA-BT-DU` (*Dunning Notices*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Grouping of Master Data

4.5.2.18 Collection Stratgey Added as Selection Parameter to Dunning Proposal Run

Business Details

When scheduling a dunning proposal run, you can now specify collection strategies for dunning proposals on the *Dunning Parameters* tab.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	App ID: `FPVA`
Application Component	`FI-CA-BT-DU` (*Dunning Notices*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Dunning Proposal Run

4.5.2.19 Storage of Payment Card ID in Provider Contract Items

Business Details

A contract item can reference either a payment card stored in the business partner or a one-time payment card managed by the SAP digital payments add-on. You can now create and modify one-time payment card references, represented by tokens, through the SOAP-based API *Provider Contract – Manage* or the BAPIs `BAPI_CTRACBILLCONTRACT_CREATE` and `BAPI_CTRACBILLCONTRACT_CHANGE`. These tokens are used to identify the cards within the SAP digital payments add-on.

When archiving payment card supplements using archiving object `FI_MKKPCRD`, the system checks that the related provider contract has been archived if the supplement is linked to a provider contract. The supplement can only be archived if it is no longer included in any item of the provider contract.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	API: `FKCMANAGEPROVIDERCONTRACT` BAPI: `BAPI_CTRACBILLCONTRACT_CREATE` BAPI: `BAPI_CTRACBILLCONTRACT_CHANGE`
Application Component	`FI-CA-BF` (*Business Functions*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Checks (FI_MKKPCRD)
Displaying and Changing Provider Contracts
Provider Contract – Manage

4.5.2.20 Integration with Accounts Receivable/Accounts Payable - Transfer to SAP S/4HANA Cloud Public Edition

Business Details

You can now forward postings from Contract Accounts Receivable and Payable running in SAP S/4HANA Cloud Private Edition to an instance of Accounts Receivable and Accounts Payable running in SAP S/4HANA Cloud Public Edition.

Implementation Details

Customizing

In a scenario where Contract Accounts Receivable and Payable runs in SAP S/4HANA Cloud Private Edition and Accounts Receivable and Accounts Payable runs in SAP S/4HANA Cloud Public Edition, set up the communication between the systems as follows:

- In the SAP S/4HANA Cloud Public Edition system where Accounts Receivable and Accounts Payable is running, define a communication arrangement for the communication scenario `SAP_COM_0B00` (*Finance-Contract Accounting Accounts Receivable/Accounts Payable Integration*) in the *Communication Arrangements* app (see Available Interfaces for Your Selected Scope).
- In the SAP S/4HANA Cloud Private Edition system where Contract Accounts Receivable and Payable is running, use transaction `SM59` (*Configuration of RFC Connections*) to create a connection to the target system with connection type *H HTTP Connections to ABAP System* . The host, port, and path information can be obtained from the communication arrangement. Use the same user name and password as those defined for the communication user.
- In the SAP S/4HANA Cloud Private Edition system where Contract Accounts Receivable and Payable is running, use transaction `BD97` (*Assign RFC Destinations for Synchronous Method Calls*) to map the logical system (`LOGSYS`) to the RFC destination (`RFCDEST`).
- In the SAP S/4HANA Cloud Private Edition system where Contract Accounts Receivable and Payable is running, define the logical system in which Accounts Receivable and Accounts Payable is running. To do this, go to the Customizing for Contract Accounts Receivable and Payable and enter the system under *Integration* > *Accounts Receivable/Accounts Payable* > *Activate Document Transfer to Accounts Payable/Accounts Receivable* .

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `FPSL`
Application Component	`FI-CA-IN` (*Integration*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Integration with Accounts Receivable/Accounts Payable (FI-AR/FI-AP)

4.5.2.21 Display of Processing Locks

Business Details

With the *Display Processing Locks* app, you can now search and display processing locks.

The list report enables you to search for locks by object lock category, such as the provider contract, or the process they apply to, such as invoicing. You can also filter by master data.

When you click on a lock, the system displays its administrative data as well as related locks at the business partner or contract account level that influence a process, such as invoice creation.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8302`
Application Component	`FI-CA` (*Contract Accounts Receivable and Payable*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Display Processing Locks

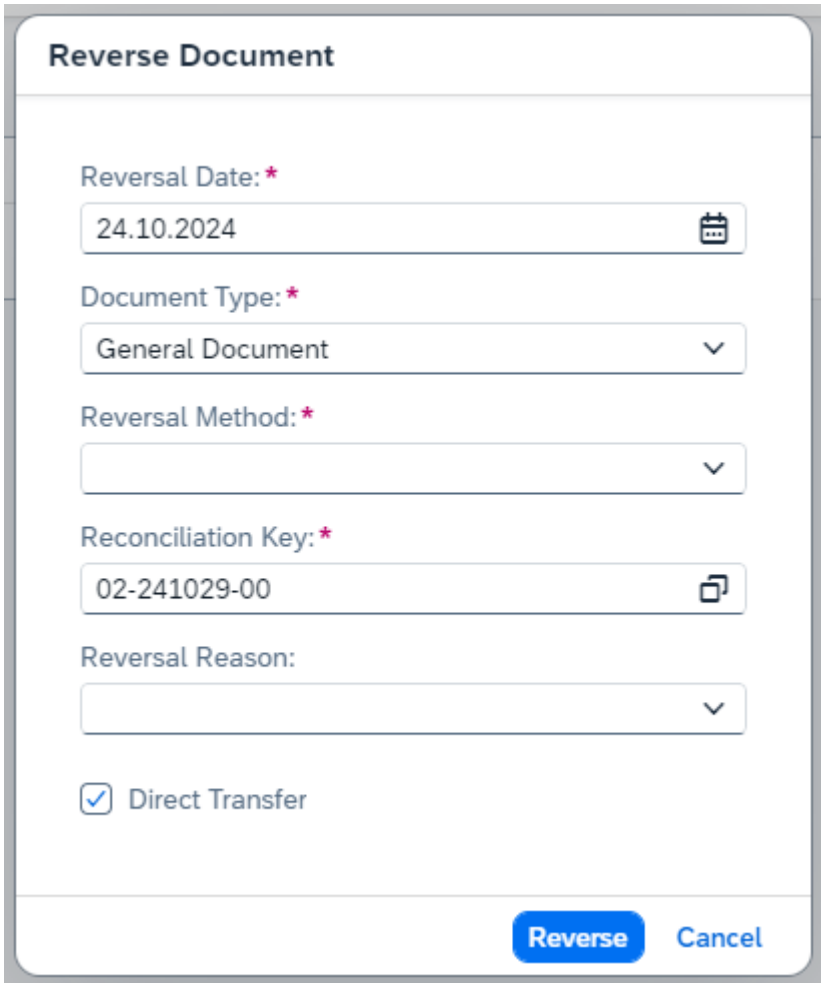
4.5.2.22 Reversal of Documents with Direct Transfer to G/L

Business Details

If you post documents in Contract Accounts Receivable and Payable and update the general ledger directly, you can now also transfer the reversal data directly when you reverse the document in the *Reverse Documents* app.

To do so, select the document to be reversed and choose *Reverse*. In the dialog box that appears, enter a reversal method and specify a reversal reason. If reversal has been activated in the system settings, the *Direct Transfer* indicator will be set automatically. Finally, click *Reverse*.

Examples of the User Interface



Reversal Dialog Box in the Reverse Documents App

> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

Implementation Details

Customizing

To transfer the reversal data to the general ledger directly when you reverse the document, reversal (document origin 02) must be activated in the *Define Direct G/L Transfer for Document Origins* Customizing activity.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F4494`
Application Component	`FI-CA-BF-DP` (*Postings and documents*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Reverse Document

4.5.2.23 Contract Data in the Business Partner Financial Overview App

Business Details

The detail view in the *Business Partner Financial Overview* app (`F2429`) now includes contract master data for each business partner.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: No localization
Application Component	`FI-CA-BF` (*Basic Functions*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Business Partner Financial Overview

4.5.2.24 Extensibility: Adding Custom Fields to Document and Provider Contract Headers

Business Details

In the *Custom Fields* app, you can now add custom fields to the Contract Accounting document header and the provider contract header.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Business object: *Contract Accounting Document* / Business context: *Document Header* Business object: *Contract Accounting Provider Contract* / Business context: *Contract Accounting: Provider Contract Header*
Application Component	`FI-CA` (*Contract Accounts Receivable and Payable*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Adding Fields in Contract Accounting Using the Custom Fields App

4.5.2.25 CDS Views for Contract Accounting

Business Details

The *Document General Ledger Item Payment Data* (`I_CADocumentGLItemPaymentData`) CDS view has been released. This CDS view provides access to the payment data appendix of a G/L line item in Contract Accounting. This includes details such as the payment card token, authorization details, settlement details, company code, and amount.

Implementation Details

Authorizations

Users who want to use this CDS view must have the authorization object `F_KKKO_BUK` (*Contract Accounting Company Code Authorization*) assigned.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	CDS View: `I_CADocumentGLItemPaymentData`
Application Component	`FI-CA` (*Contract Accounts Receivable and Payable*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Contract Accounting Document General Ledger Item Payment Data

4.5.2.26 Deprecation of the Analyze Payment Run Exceptions (F2124) App

Business Details

For technical reasons, the *Analyze Payment Run Exceptions* (`F2124`) app will be replaced by a new app version with the App ID `F2124A`.

The app will be deleted with SAP S/4HANA 2027. Please be aware that if you have personalized your launchpad and you would like to continue using the app, you need to add the app with the new Fiori ID.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2124`
Application Component	`FI-CA` (*Contract Accounts Receivable and Payable*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Analyze Payment Run Exceptions

4.5.2.27 Deletions of Analytical Apps in Contract Accounting

Business Details

For technical reasons, the SAP Fiori apps mentioned in the table below have been replaced with new app versions. The apps are deleted with SAP S/4HANA 2025. Please be aware that if you have personalized your launchpad and you would like to continue using the apps, you need to add the apps with the new Fiori ID.

App Name	ID of Deleted App Version	ID of New App Version
Analyze Payment Locks	F1239	F6134
Analyze Dunning Locks	F1655	F1655A
Analyze Clearing Locks	F1653	F1653A
Analyze Overdue Items	F0860	F0860A
Analyze Clearing Reasons	F2125	F2125A
Analyze Collection Volume	F2208	F2208A
Analyze Collection Success	F2209	F2209A
Analyze Dunning Volume	F2122	F2122A
Analyze Dunning Success	F2123	F2123A
Analyze External Collection Volume	F2402	F2402A
Analyze Write-Offs	F0861	F0861A
Analyze Open Credits	F2364	F2364A
Analyze Installment Plans	F2363	F2363A
Analyze Dunning Run Exceptions	F2596	F2596A
Analyze Returns	F2600	F2600A
Analyze Posting Locks	F1652	F1652A

Technical Details

Type	Deleted
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	See table
Application Component	FI-CA (*Contract Accounts Receivable and Payable*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Analyze Payment Locks
Analyze Dunning Locks
Analyze Clearing Locks
Analyze Overdue Items
Analyze Clearing Reasons
Analyze Dunning Volume
Analyze Dunning Success
Analyze Collection Volume
Analyze Collection Success
Analyze Installment Plans
Analyze External Collections Volume
Analyze Write-Offs
Analyze Open Credits
Analyze Dunning Run Exceptions
Analyze Returns
Analyze Posting Locks

4.5.2.28 APIs on the SAP Business Accelerator Hub: Enhancement of the Collection Agency – Submit Bulk Request SOAP API

Business Details

The SOAP API Collection Agency – Submit Bulk Request (`CommissionedOutstandingCollectionsERPBulkRequest_Out`) was enhanced. With this API, you can now transfer business partner contact data and information identifying a business partner, such as a passport number.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `CommissionedOutstandingCollectionsERPBulkRequest_Out`

Application Component	`FI-CA` (*Contract Accounts Receivable and Payable*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Collection Agency - Submit Bulk Request

4.5.2.29 APIs on the SAP Business Accelerator Hub: Depreaction of Version 0001 of the Provider Contract – Manage SOAP API

Business Details

Due to technical reasons, version 0001 of the Provider Contract – Manage SOAP API will be deprecated. We recommend transitioning to the latest version to ensure continued support and compatibility.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `FKCMANAGEPROVIDERCONTRACT`
Application Component	`FI-CA` (*Contract Accounts Receivable and Payable*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Provider Contract – Manage

4.5.2.30 APIs on the SAP Business Accelerator Hub: Deletion of Version 0001 of the `Cash Security Deposit` OData API

Business Details

Version 0001 of the `Cash Security Deposit` API is deleted. As for technical reasons, the *Create* and *Create Request* operations of version 0001 of the `Cash Security Deposit` API did not deliver the desired result. For example, the created security deposit number cannot be returned in the response body. Version 0002 of the API now delivers the desired results.

Technical Details

Type	Deleted
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `CASecurityDeposit`
Application Component	`FI-CA` (*Contract Accounts Receivable and Payable*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Contract Accounting Cash Security Deposit

4.5.3 Subscription Order Management

4.5.3.1 Change Process - Change CC Data

Business Details

The *Change CC Data* change process enables you to support usage-based scenarios by allowing you to change SAP Convergent Charging (SAP CC) parameters and cross-catalog mapping version in Subscription Order

Management. This change process can only be executed using either the *Solution Quotation (A2X)* or the *Subscription Contract Change Process* OData API.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`CHANGE_CC_DATA`
Application Component	`CRM-S4-SOM` (*S4CRM: Subscription Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Change CC Data

4.5.3.2 Insights Cards Enabled for Subscription Order Management Apps

Business Details

Insights cards have been enabled for Subscription Order Management apps that now allow you to make on the fly decisions by providing a summarized view of critical business data. The data view is tailored to fit your specific needs and is equipped with contextual navigation to the necessary apps.

The insights cards have been enabled for the following apps:

- *Manage Allowance Definition Groups* (F4028)
- *Manage Subscription Contract Item Details* (F6487)
- *Manage Subscription Contract Documents* (F7032)
- *Manage Subscription Contract Lifecycle* (F6193)
- *Manage Mass Processing of Subscriptions* (F7406)
- *Display Charging Data for Subscription Contracts* (F5597)
- *Manage Subscription Product-Specific Data* (F3560)

- *Manage Sharing Groups* (F4432)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F4028`
	`F6487`
	`F7032`
	`F6193`
	`F7406`
	`F5597`
	`F3560`
	`F4432`

Application Component	`CRM-S4-SOM` (*S4CRM: Subscription Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Allowance Definition Groups
Manage Subscription Contract Item Details
Manage Subscription Contract Documents
Manage Subscription Contract Lifecycle
Manage Mass Processing of Subscriptions
Display Charging Data for Subscription Contracts
Manage Subscription Product-Specific Data
Manage Sharing Groups

4.5.3.3 Target Quantity in Master Agreement

Business Details

The master agreement in Subscription Order Management has been enhanced with a target quantity and a released quantity. These fields enable you to perform a partial release of the total quantity of a specific product by defining the target quantity in the master agreement, and consuming part of this quantity in the resultant call-off document. The released quantity is updated in the master agreement based on the ordered quantities in the linked call-off documents.

In case of subscription contracts that are created from the call-off documents, if the ordered quantity is changed on the contract, you must ensure that the updated quantity is limited to ensure that the cumulative consumed quantity does not exceed the defined target quantity.

> ### Example
>
> Consider that you need a 100 printers for your organization that need to be delivered in different quantities across multiple locations. In this case, you would define the target quantity as 100 in the master agreement, and then use call-off documents to order smaller quantities for specific locations, such as 50 printers for City A and 20 for City B.
>
> Now consider the above subscription contracts with a cumulative consumed quantity of 70. If a contract change is executed on the subscription contract with an original quantity of 50, the new quantity cannot be more than 80 so that the total consumed quantity in the master agreement does not exceed 100.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CRM-S4-SOM` (*S4CRM: Subscription Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Creating Call Offs with Reference to Master Agreements

4.5.3.4 Rerating of Shared Allowances

Business Details

The rerating of shared allowances has been enabled in SAP Convergent Charging. To be able to make use of the rerating feature for subscription contracts, the following checks have now been implemented in Subscription Order Management:

- You must add a business partner to a sharing group. This sharing group can then only be used for this business partner.
- You can only use a single sharing group ID for all items within a single subscription contract.
- All products used in a subscription contract must either support rerating or not support rerating. A combination of both is not supported for the rerating feature.
- You can have only one contributor contract in a sharing group, which is responsible for creating shared allowances. You can, however, have multiple member contracts within a single sharing group.

> **Note**
>
> These checks are implemented only if you want to use the rerating feature. Otherwise, the previously delivered features for shared allowances are still available for use.
>
> This feature is available only for newly created subscription contracts and not for existing ones.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CRM-S4-SOM` (*S4CRM: Subscription Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Shared Allowances
App Details: Manage Sharing Groups
Charge Plans

4.5.3.5 Subscription with Recurring Delivery of Physical Products

Business Details

You can now have subscriptions that include the recurring delivery of physical goods or consumables. In such a scenario, the products can be modeled into a bundle or BOM with a subscription product as the main item and the sales items that require recurring delivery as the subitems. In the subscription order or solution quotation, delivery plan lines for the sales items that require recurring delivery can be created based on a delivery frequency and the period. In this scenario the entire product hierarchy including the one-time and recurring sales items are copied to the subscription contact. From the subscription contract based on the delivery plan creation of sales orders are triggered on a periodic basis.

> ### Example
>
> Consider a configurable product bundle with the subscription item Industrial Printer Subscription as the main item and with an associated bill of material (BOM) that includes the different possible machines (that need to be delivered and installed once) and also consumables such as high-temperature resistant ink, alcohol resistant ink etc (that need to be delivered on a periodic basis). The price at the subscription item would incorporate the recurring and usage fee related to the use of the machine as well as incorporate the fee for the recurrent delivery of the required consumables.

Implementation Details

Customizing

The business object type `BUS2000173` (*Recurring Sales Item*) has been created to enable the creation of delivery plan lines and is assigned to the item categories `PCRS` (*Subscription Contr Item for Rec Sales*), `PORS` (*Subscription Order Item for Rec Sales*), and `SQRS` (*Subscription Item in Qtn for Rec Sales*) in the Customizing activity *Define Item Categories* under *Service* > *Transactions* > *Basic Settings*.

You can make the relevant settings for the delivery plan in the Customizing activities under *Service* > *Transactions* > *Settings for Subscription Transactions* > *Delivery Plan*.

You can trigger the creation of sales orders for recurring delivery sales items eligible on a particular day or during a specific period using the report `CRMS4_R_DLVPLAN_PROCESS` (*Process Delivery Plan Items*). Although this report runs in the background, you can also trigger it manually for specific dates, date range, or sales items in Customizing under *Service* > *Transactions* > *Settings for Subscription Transactions* > *Delivery Plan* > *Execute Report to Process Delivery Plan Items*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CRM-S4-SOM` (*S4CRM: Subscription Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Subscription with Recurring Delivery of Physical Products
Multi-Level Configuration of Product Bundles Using Advanced Variant Configuration

4.5.3.6 Updates to the Mass Changes of Subscriptions App

Business Details

The *Mass Changes of Subscriptions* app has been enhanced so that you can now perform the following activities:

- Use the new mass processing type `CCM_VERSION_UPGRADE` (*Upgrade CCM Version to Current Version*) to update the cross-catalog mapping version to the current version for multiple subscription contracts within a single mass processing run.
- You can choose up to a 1000 items in a single selection while creating a mass processing. Previously, you could only select 30 items in a single selection.
  We recommend that you add not more than a 1000 elements in a single mass processing run.

Implementation Details

Customizing

The mass processing type `CCM_VERSION_UPGRADE` (*Upgrade CCM Version to Current Version*) has been added to the *Define Mass Processing Type* Customizing activity under *Service* > *Transactions* > *Settings for Subscription Transactions* > *Mass Processing*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F7405`
Application Component	`CRM-S4-SOM` (*S4CRM: Subscription Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

App Details: Mass Changes of Subscriptions

4.5.3.7 Updates to the Manage Mass Processing of Subscriptions App

Business Details

The *Manage Mass Processing of Subscriptions* app has been enhanced so that you can now perform the following activities:

- Add or update the pricing condition types for subscription contracts while creating a mass processing run. This *Change Pricing Condition* tab in the mass processing wizard and *Change Pricing Condition* button in the mass processing details page are available only if the selected change process type is relevant for a change in the pricing condition.
- Execute and schedule mass processing runs from the list overview page without having to navigate into the mass processing details.
- View the mass processing status summary in the header using the visually represented KPI data such as the percentage of line items that have been processed successfully.
- Add up to 200 items using the newly provided *Add* wizard inside the mass processing details.
- View the processing status of the mass processing when it is executed in the background.

Implementation Details

Customizing

For a pricing condition type to be available in the selection menu, you must include it in the Customizing for the pricing procedure in *Sales and Distribution* > *Basic Functions* > *Pricing* > *Pricing Control* > *Define And Assign Pricing Procedures* > *Set Pricing Procedures*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F7406`
Application Component	`CRM-S4-SOM` (*S4CRM: Subscription Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Mass Processing of Subscriptions

4.5.3.8 Updates to the Manage Mass Runs App

Business Details

The *Manage Mass Runs* app has been updated so that you can now create solution quotations by selecting the corresponding transaction type on header level. It is also possible to create a mix of subscription orders and solution quotations in the same mass run based on the transaction type you select at the element level. You can use the resultant links to directly navigate to the initial subscription orders and solution quotations.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	AppID: `TISXMRSE`
Application Component	`CRM-S4-SOM` (*S4CRM: Subscription Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Mass Creation of Call-Off Documents from Master Agreement

4.5.3.9 Subscription-Specific Rejection Reasons

Business Details

You can now assign transaction-specific rejection reasons using the rejection profile and display only these transaction-specific reasons while rejecting a subscription order or a subscription contract. This means that if you are rejecting the items in a subscription order or a subscription contract and a rejection profile is assigned to the transaction type, then only the profile-specific rejection reasons will appear. If a rejection profile is not assigned, then all the available rejection reasons will appear.

You can now also reject future dated subscription contracts in Subscription Order Management without triggering a deletion of the CI provider contract. This is possible because of the newly introduced field in the FI-CA provider contract, *Withdrawn On* (time stamp), that is updated when a future dated subscription contract is rejected and the FI-CA provider contract is retained without deletion.

Implementation Details

Customizing

You can now use the following Customizing activities to make the relevant settings for your rejection reasons:

- *Define Rejection Reasons*

- *Assign Rejection Reasons to Rejection Profiles*
- *Assign Rejection Profiles to Service Transactions* where you can assign the rejection profile to a transaction type or a transaction type and a sales organization

under *Service* > *Transactions* > *Settings for Service Transactions* > *Settings for Rejection Reasons for Service Transactions*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CRM-S4-SOM` (*S4CRM: Subscription Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Reject Items

4.5.3.10 Enhanced Navigation Between Subscription Order Management Apps

Business Details

The overall navigation pattern between Subscription Order Management apps and other related apps has been redesigned so that you can now access related Fiori apps using direct links wherever Fiori apps are available, such as the *Manage Subscription Contract Lifecycle* and *Manage Subscription Contract Item Details*. In case a Fiori app is not available for a specific context, for example attachments, you can use the *Open In* menu to access the relevant WebClient UI representation.

The navigation options have been enhanced in the following apps:

- *Manage Subscription Contract Lifecycle* (F6193)
- *Manage Subscription Contract Item Details* (F6487)

- *Manage Subscription Contract Documents* (F7032)
- *Mass Changes of Subscriptions* (F7405)
- *Manage Mass Processing of Subscriptions* (F7406)
- *Display Charging Data for Subscription Contracts* (F5597)

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F6193`
	`F6487`
	`F7032`
	`F7405`
	`F7406`
	`F5597`

Application Component	`CRM-S4-SOM` (*S4CRM: Subscription Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

App Details: Manage Subscription Contract Lifecycle
App Details: Manage Subscription Contract Item Details
App Details: Manage Subscription Contract Documents
App Details: Mass Changes of Subscriptions
App Details: Manage Mass Processing of Subscriptions
SAP Convergent Charging-Specific Details

4.5.3.11 OData API: Solution Quotation (A2X)

Business Details

The *Solution Quotation (A2X)* OData API has been enhanced so that you can now schedule the execution of the PPF action `CRMS4_SOM_PROCESS_CHANGE_QUOT` to process all solution quotation items that have a change process group assigned.

> **Note**
>
> For any incidents other than subscription-related issues, use the application component `CRM-S4-SOL-SQ` (*S4CRM: Solution Quotation Management*).

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API ID: `API_BUS_SOLUTION_QUOTATION_SRV`
Application Component	`CRM-S4-SOM` (*S4CRM: Subscription Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Process Change Quotation

4.5.3.12 OData API: Master Agreement

Business Details

The *Master Agreement* OData API has been enhanced so that you can now update and read the target, and read the released quantities in a master agreement as well as the ISO units for these quantities, for example, EA (each) or kg.

The following properties have been added:

Property	Description
Master Agreement > *Master Agreement Item*	
`SrvcTransMstrAgrmtItmTargetQty`	*Master Agreement Target Quantity*
`SrvcTransMstrAgrmtItmRelQty`	*Master Agreement Released Quantity*
`SrvcTransMstrAgrmtQtyISOUnit`	*Master Agreement Quantity ISO Unit*

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API ID: `API_SRVCTRANSMASTERAGRMT`
Application Component	`CRM-S4-SOM` (*S4CRM: Subscription Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Master Agreement Item

4.5.3.13 New Scope Item for Subscription Order Management - 7WB

Business Details

The 7WB - Subscription Order Management – Master Data and Basic Functions scope item enables you to create a subscription order with subscription products, including multilevel AVC BOM. Once the subscription order is submitted, it creates a subscription contract which is then distributed to create the FI-CA provider contract and the billing plan in Convergent Invoicing. The billing plan generates the billable items as per configuration. In Convergent Invoicing, you can trigger the billing and invoicing of these billable items.

For more information, refer to 7WB - Subscription Order Management – Master Data and Basic Functions.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7WB (Subscription Order Management – Master Data and Basic Functions)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SOM` (*S4CRM: Subscription Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

4.6 Governance, Risk and Compliance for Finance

4.6.1 International Trade

4.6.1.1 Classification for International Trade

4.6.1.1.1 Additional Simulation Functionality for AI-Assisted Trade Classification Proposals with Fuzzy Search

Business Details

With this feature, you can use a new simulation report to schedule the simulation of trade classification proposals with fuzzy search.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	2U3 (Classification for Customs Tariff Number and Commodity Code)
Technical Object Name	App ID: F8511, F8512, F8427, F8428, F8670
Application Component	`FT-ITR-CLS` (*International Trade - Classification*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Schedule Simulation of Trade Classification Proposals - Fuzzy Search
International Trade Classification
Activate Classification Proposals – Commodity Codes
Activate Classification Proposals – Customs Tariff Numbers
Product Classification Proposal
Schedule Creation of Trade Classification Attributes – Fuzzy Search
Schedule Creation of Trade Classification Proposals – Fuzzy Search

4.6.1.1.2 Handling of Classification Origin in S/4HANA for International Trade

Business Details

With this feature, you can control the data flow of the classification. To enable the control, two new fields are introduced within database table `/SAPSLL/TDNOS` (control table for numbering scheme):

- Data element /SAPSLL/RCCLS is used to enable receiving of classification:
  - ' ' Local classification
  - '*A*' SAP GTS (RFC)
  - '*B*' External System (SOAP)
- Data element /SAPSLL/DSCLS is used to enable distribution of classification:
  - ' ' Local classification
  - '*A*' External system (SOAP)

- '*B*' External System (IDoc)

Implementation Details

Customizing

Affected Customizing Activities:

- Define Numbering Scheme for Commodity Codes: The two new fields *Receiving of Classification* and *Distribution of Classification* are introduced on detail level of the configuration. All options are available for the new fields.
- Define Numbering Scheme for Tariff Numbers: The two new fields *Receiving of Classification* and *Distribution of Classification* are introduced on detail level of the configuration. For the field *Receiving of Classification*, the options *' '* and *'B'* are possible. For the field *Distribution of Classification*, the options *' 'A'* are possible.
- Define Numbering Scheme for Intrastat Service Codes: The two new fields *Receiving of Classification* and *Distribution of Classification* are introduced on detail level of the configuration.. For the field *Receiving of Classification*, the options *' '* and *'B'* are possible. For the field *Distribution of Classification*, the options *' 'A'* are possible.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	2U3 (Classification for Customs Tariff Number and Commodity Code)
Technical Object Name	App ID: Classify Products – Commodity Codes (F2151), Reclassify Products – Commodity Codes (F2152), Classify Products – Intrastat Service Codes (F2156), Reclassify Products – Intrastat Service Codes (F2155), Classify Products – Customs Tariff Numbers (F3146), Reclassify Products – Customs Tariff Numbers (F3147) , Activate Classification Proposal – Commodity Codes (F8427), Activate Classification Proposal – Customs Tariff Numbers (F8428), Schedule Creation of Trade Classification Attributes – Fuzzy Search (F8511), Schedule Creation of Trade Classification Proposals – Fuzzy Search (F8512)
Application Component	`FT-ITR-CLS` (*International Trade - Classification*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025

4.6.1.2 International Trade Compliance

4.6.1.2.1 New International Trade Compliance Status for Purchase Orders and Purchase Scheduling Agreements

Business Details

With this feature, a Trade Compliance specialist can check for each product and partner in the purchase order and the purchase scheduling agreement that all legal requirements with regard to Embargo, Sanctioned Party Lists, and Legal Control are fulfilled. This means that dedicated statuses in purchase order documents and purchase scheduling agreements suppress follow-on processes when documents are blocked. In addition, statuses are visible in purchase order documents and purchase scheduling agreements.

> **Note**
>
> The dedicated statuses for International Trade replace the use of the *On Hold* status in the purchase order.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1W8 (Legal Control), 1WC (Embargo Control), 1WE (Restricted Party Screening with SAP Watch List Screening)
Technical Object Name	Not applicable
Application Component	`FT-ITR-TRC` (*International Trade - Compliance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.6.1.2.2 Legal Control: Trade Compliance Checks for Regions

Business Details

With this feature, you - as a trade compliance specialist - can use regions in blocklists, allowlists, and even license-type rules to control shipments to specific regions. Therefore, you can conduct compliance validations to ensure adherence to legal regulations such as export control or embargo.

> **Note**
>
> With this feature, embargo checks for regions can be ensured.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1W8 (Legal Control)
Technical Object Name	Not applicable
Application Component	`FT-ITR-TRC` (*International Trade - Compliance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.6.1.3 Intrastat

4.6.1.3.1 Support for New Process: Multistage Intercompany Stock Transfer and Sales

Business Details

This feature enables support for Intrastat in multilevel intercompany stock transfer orders and advanced multilevel and multistage intercompany sales processes. For more information, refer to SAP Notes 3542131 and 3556451.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	BDT (Intrastat Processing)
Technical Object Name	Not applicable
Application Component	`FT-ITR-ISR` *(International Trade – Intrastat Reporting)*
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

4.7 Product Footprint Management

4.7.1 New Fields in View Product Footprints Application

Business Details

The *View Product Footprints* application is expanded with a filter for Key Date. The application now also provides the following information:

1. *Valid To Date*: The point in time up to which the calculated footprint is valid. A footprint is valid until a newer footprint is available. The Valid To Date of a footprint is determined by the Period Start Date of the newer footprint. In case the footprint is the newest, it is valid until `12-31-9999`. *Valid From Date*: The point in time from which the calculated footprint is valid. The Valid From Date of a footprint is determined by its Period Start Date. In case the footprint is the oldest or there is only one footprint, the Valid From Date is set to `1-1-0001`.
2. *Period End Date*: End date of the period that is considered when the footprint is calculated. *Period Start Date*: Start date of the period that is considered for the footprint calculation.
3. *Calculated By*: The calculator of the footprint, for example, SAP Sustainability Footprint Management. *Key Date*: Used to filter the footprints that are valid on this date. *Impact Category*: The category of environmental impact, such as GHG. *Reference Basis*: The reference basis of the footprint, for example, Average Footprint per Unit.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	5IM
Technical Object Name	Not applicable
Application Component	`SUS-PFM-INT` (*Product Footprint Management*)
Availability	
Valid as Of	2025

4.7.2 Deprecated CDS Views

Business Details

The following CDS views are deprecated and should not be used any more:

- Footprints by Plant, Product, and Supplier (`I_CO2eqSuplrFprntAvgBaseUoM`). Use Footprints by Plant, Product, and Supplier on Specific Date (`I_CO2eqSuplrFprntAvgBaseUoM_2`) instead.
- Footprints by Plant and Product (`I_CO2eqFprntAvgRltvBaseUoM`). Use Footprints by Plant and Product on Specific Date (`I_CO2eqFprntAvgRltvBaseUoM_2`) instead.

Technical Details

Type	Deprecated
Functional Localization	Not applicable
Scope Item	5IM
Technical Object Name	`I_CO2eqSuplrFprntAvgBaseUoM` `I_CO2eqFprntAvgRltvBaseUoM`
Application Component	`SUS-PFM-INT` (*Product Footprint Management*)
Availability	
Valid as Of	2025

4.8 Commodity Management

4.8.1 Introducing Advanced Commodity Pricing Engine

Business Details

Advanced Commodity Pricing Engine (CPE) is a new version of the Commodity Pricing Engine based on the ABAP restful programming language. We recommend existing CPE customers to adopt Advanced CPE and migrate your existing data. We recommend new customers to adopt Advanced CPE by activating the new switch based feature toggle `S4OP_FTGL_CMM_CPE_REDESIGN`.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`S4OP_FTGL_CMM_CPE_REDESIGN`
Application Component	`CA-GTF-CPE` (*Commodity Pricing Engine*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

- Refer to SAP Note 3628704 for complete information on Advanced CPE.
- Refer to SAP Note 3631220 for complete information on data conversion for Advanced CPE and ACM adoption of Advanced CPE (applicable to ACM customers only).
- Refer to SAP Note 3631291 for complete information on data conversion for Advanced CPE for Commodity Management (applicable to all industries except ACM customers).

4.8.2 New CPE Interface for Advanced Commodity Pricing Engine

Business Details

With the new advanced commodity pricing engine, you can now use the new CPE interface `CL_CMM_CPE_INTERFACE_BO`.

This is relevant if advanced commodity pricing engine is adopted. This new interface allows you to update CPE data in batch scenarios through BAPI.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`CL_CMM_CPE_INTERFACE_BO`
Application Component	`CA-GTF-CPE` (*Commodity Pricing Engine*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.8.3 Manual Changes to Automatic Allocation through Quantity Distribution Routine

Business Details

With this functionality, you can now manually make changes to the allocation data through the allocation workbench (`CMM_ALLOC`). Automatic allocation will now switch the allocation mode to manual.

> **Note**
>
> As a result, all subsequent allocations have to be performed manually. It cannot be changed back to automatic allocation.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`CMM_ALLOC`
Application Component	`CA-GTF-CPE` (*Commodity Pricing Engine*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.8.4 Price Quotations Now Available in Display Mode

Business Details

Price quotations are now visible in display mode for logistic documents.

This allows you to revise or revisit the quotations from the last time it was updated.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`CA-GTF-CPE` (*Commodity Pricing Engine*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.8.5 Enhancements to Quotation Groups in Advanced Commodity Pricing Engine

Business Details

Quotation Groups provide a more comprehensive way to display and calculate commodity prices by bundling multiple price quotations from different exchanges into a single group. This functionality enables commodity purchase and sales representatives to make more informed pricing decisions by applying various calculation methods (for example, highest, lowest, average) across different quotation periods. The system calculates the prices based on the list of available quotations during the quotation period, and then aggregates the results across the entire period. This approach offers flexibility in pricing strategies while ensuring accurate formula evaluations at the root term level.

SAP has improved Quotation Group Calculation Routine in advanced commodity pricing engine. This enhances flexibility in price quotation calculations. It is now possible to define one calculation routine at the term settings level and another at the group level. Additionally, you can now view a list of used quotations, and each Quotation Group Item has its own dedicated view to improve visibility into all the quotations that are considered in the calculation.

Advanced commodity pricing engine only considers dates with actual price quotations as valid for Quotation Group calculations to ensure realistic results. It avoids bias that could lead to distorted values by adopting this approach.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`CA-GTF-CPE` (*Commodity Pricing Engine*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Quotation Groups in Advanced Commodity Pricing Engine

4.8.6 Formula Data is Now Saved in Logistic Documents

Business Details

All of the pricing aspects in logistic documents are now saved locally within the document. As a result, the changes are isolated to the specific document.

In existing CPE versions, changes made to the formula customizing automatically impacts all the logistic documents that use the formula. This triggers updates whenever the document is modified. With advanced commodity pricing engine, all the updates to formula customizing does not impact existing logitic documents that use the same formula. The updated formula comes into effect only if it is explicitly applied again within the document.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`CA-GTF-CPE` (*Commodity Pricing Engine*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

4.9 Country/Region Specifics

For country/region-specific changes, please see What's New for Functional Localizations in SAP S/4HANA.

5 Human Resources

5.1 My Inbox - Process Inbox (Version 2)

The *Process Inbox (Version 2)* app is integrated in the *My Inbox* app.

Business Details

With this app, you, as a manager or an HR administrator, can efficiently approve, reject, or modify process requests from employees using either a desktop or mobile device. With features like saving drafts, editing requests, and viewing detailed process information, you can streamline workflow and maintain effective communication with your team.

A suite of powerful enhancements has been introduced through the new **Design Time Tool (DTT)**, significantly expanding the customization and control capabilities of the app. Key innovations include:

- **Custom Buttons**: Add interactive buttons at field or container level, linked to user-defined events.
- **Auto-Save**: Automatically saves user changes as drafts, preventing data loss.
- **Attachment Controls**: Set limits on the number, size, and MIME types of attachments.
- **Multi-Column Layout**: Organize form fields in a two-column layout for better usability.
- **Custom Table Behavior**: Customize edit/delete logic in tables using generic classes.
- **Multi-Input Fields**: Enable fields to accept multiple values.
- **Date-Range Restrictions**: Set earliest and latest allowed date for the *Date* fields.

Implementation Details

Authorizations

OData Service	Version	Software Component Version	Back-End Authorization Role (PFCG)
UI_STARTPROCESSADMIN	0001	S4HCM 102	SAP_ASR_FIO_MANAGER SAP_ASR_FIO_ADMIN

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	**App ID**: F8289 *Process Inbox*
Application Component	`PA-FIO-PNF` (*HCM Processes and Forms*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

My Inbox - Process Inbox (Version 2)
Features in Fiori Forms (S/4HANA)

5.2 HR Admin Processes

Business Details

With this app, you as an administrator, can initiate and manage employee-related processes efficiently using desktop or mobile devices. With features like customizable overview lists, detailed process views, and PDF form downloads, it streamlines HR operations, making it a valuable tool for maintaining organized and effective workflows.

A suite of powerful enhancements has been introduced through the new **Design Time Tool (DTT)**, significantly expanding the customization and control capabilities of the app. Key innovations include:

- **Custom Buttons**: Add interactive buttons at field or container level, linked to user-defined events.
- **Auto-Save**: Automatically saves user changes as drafts, preventing data loss.
- **Attachment Controls**: Set limits on the number, size, and MIME types of attachments.
- **Role-Based Step Visibility**: Define which user roles can view specific process steps.
- **Multi-Column Layout**: Organize form fields in a two-column layout for better usability.
- **Custom Table Behavior**: Customize edit/delete logic in tables using generic classes.
- **Multi-Input Fields**: Enable fields to accept multiple values.

- **Date-Range Restrictions**: Set earliest and latest allowed date for the *Date* fields.

Implementation Details

Authorizations

OData Service	Version	Software Component Version	Back-End Authorization Role (PFCG)
UI_STARTPROCESSADMIN	0001	S4HCM 102	SAP_ASR_FIO_ADMIN SAP_ASR_FIO_AUDITOR

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	**App ID**: F8225 *HR Admin Processes*
Application Component	`PA-FIO-PNF` (*HCM Processes and Forms*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

HR Admin Processes
Features in Fiori Forms (S/4HANA)

5.3 My Processes

Business Details

With this app, you, as an employee, can initiate and manage your processes efficiently using either a desktop or mobile device. With features like customizable overview lists, detailed process information, and the ability to add attachments and comments, it streamlines workflow and enhances productivity.

A suite of powerful enhancements has been introduced through the new **Design Time Tool (DTT)**, significantly expanding the customization and control capabilities of the app. Key innovations include:

- **Custom Buttons**: Add interactive buttons at field or container level, linked to user-defined events.
- **Auto-Save**: Automatically saves user changes as drafts, preventing data loss.
- **Attachment Controls**: Set limits on the number, size, and MIME types of attachments.
- **Role-Based Step Visibility**: Define which user roles can view specific process steps.
- **Multi-Column Layout**: Organize form fields in a two-column layout for better usability.
- **Custom Table Behavior**: Customize edit/delete logic in tables using generic classes.
- **Multi-Input Fields**: Enable fields to accept multiple values.
- **Date-Range Restrictions**: Set earliest and latest allowed date for the *Date* fields.

Implementation Details

Authorizations

OData Service	Version	Software Component Version	Back-End Authorization Role (PFCG)
UI_STARTPROCESSEMPL	0001	S4HCM 102	SAP_ASR_FIO_EMPLOYEE

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	**App ID**: F8617 *My Processes*

Application Component	`PA-FIO-PNF` (*HCM Processes and Forms*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

My Processes
Features in Fiori Forms (S/4HANA)

5.4 My Team Processes

Business Details

With this app, you, as a manager, can initiate and manage employee-related processes efficiently using desktop or mobile devices. With features like customizable process lists, detailed process views, and the ability to add attachments and comments, it streamlines workflow management, making it an essential tool for effective team oversight.

A suite of powerful enhancements has been introduced through the new **Design Time Tool (DTT)**, significantly expanding the customization and control capabilities of the app. Key innovations include:

- **Custom Buttons**: Add interactive buttons at field or container level, linked to user-defined events.
- **Auto-Save**: Automatically saves user changes as drafts, preventing data loss.
- **Attachment Controls**: Set limits on the number, size, and MIME types of attachments.
- **Role-Based Step Visibility**: Define which user roles can view specific process steps.
- **Multi-Column Layout**: Organize form fields in a two-column layout for better usability.
- **Custom Table Behavior**: Customize edit/delete logic in tables using generic classes.
- **Multi-Input Fields**: Enable fields to accept multiple values.
- **Date-Range Restrictions**: Set earliest and latest allowed date for the *Date* fields.

Implementation Details

Authorizations

OData Service	Version	Software Component Version	Back-End Authorization Role (PFCG)
UI_STARTPROCESSADMIN	0001	S4HCM 102	SAP_ASR_FIO_MANAGER

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	**App ID**: F8289 *My Team Processes*
Application Component	`PA-FIO-PNF` (*HCM Processes and Forms*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

My Team Processes
Features in Fiori Forms (S/4HANA)

5.5 My Team Calendar

Business Details

With this app, employees can display scheduled events, such as absences, attendances, birthdays, or trainings of colleagues who are assigned to the same organizational unit, to find out who is available and who is absent for a specific time period. Additionally, managers can display the same information for their direct reports.

New Feature:

Open the Quick View to display additional details of employees, such as the contact information, office location and their manager.

Technical Details

Type	Changed
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	App ID: `F1309B` *My Team Calendar*
Application Component	`PA-FIO-CAL` (*My Team Calendar*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

My Team Calendar

5.6 My Communication Data

Business Details

With the personal information app *My Communication Data*, you can create, display and edit your communication data at work, such as your telephone number, fax and e-mail. The app helps you to keep your communication data up to date.

Key Features:

- Display an overview of current communication data
- Create or edit communication data

- Set a validity date for data record
- Delete communication data
- Maintain data for another employee on-behalf
- An employee who is concurrently employed can use the app for a chosen personnel assignment.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	App ID: F3113A *My Communication Data*
Application Component	F3113A (*My Communication Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

My Communication Data

5.7 My Family Members

Business Details

With the personal information app *My Family Members*, you can create, display, edit and delete your family data, such as your spouse, domestic partner, child, or child of your domestic partner. The app helps you to keep your information about family members up to date.

Key Features:

- Display an overview of the current family data

- Create or edit family data
- Delete family data
- Maintain data for another employee on-behalf
- An employee who is concurrently employed can use the app for a chosen personnel assignment

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	App ID: F3115A *My Family Members*
Application Component	F3115A (*My Family Members*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

My Family Members

5.8 My Internal Data

Business Details

With the personal information app *My Internal Data*, you can create, display, edit and delete your internal data, such as your building number and room number. It also contains the licence plate number of your company car. The app helps you to keep your internal data up to date.

Key Features:

- Display an overview of current internal data.

- Set a validity date for data record
- Delete internal data
- Maintain data for another employee on-behalf
- An employee who is concurrently employed can use the app for a chosen personnel assignment

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	App ID: `F3116A` *My Internal Data*
Application Component	`F3116A` (*My Internal Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

My Internal Data

5.9 My Personal Data

Business Details

With the personal information app *My Personal Data*, you can display and edit your personal data, such as your name and birth date. The app helps you to keep your personal data up to date.

Key Features:

- Display an overview of current personal data
- Edit personal data and

- Set a validity date for data record
- Upload a photo
- Maintain data for another employee on-behalf
- An employee who is concurrently employed can use the app for a chosen personnel assignment

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	App ID: F3117A *My Personal Data*
Application Component	F3117A (*My Personal Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

My Personal Data

5.10 Quota Report (RPT_SEND_QUOTA_REMINDER)

Business Details

You can use this report to send e-mail notifications to employees who have expiring absence quota.

Key Features:

- You can specify the personnel number selection based on the standard *PNPCE* selection screen.
  You can limit the quotas which will be evaluated by specifying additional selection criteria in the group box *Quota Selection*. You can choose which quota types to evaluate. When running the report, only quotas with a remaining time balance greater than 0, and with a deduction end date less than or equal to the

date specified in the field *Deduction End Date Up To* will be evaluated. The system only considers quota deductions up to the date specified in the field *Key Date for Deduction* to calculate the remaining quota balance.
You need to specify an e-mail template in the group box *E-Mail Settings*. The specified sender e-mail will be used for all generated e-mails. The e-mail sensitivity determines the e-mail classification.
You can set the used language and date format in the e-mail under *Language and Date Control*:

- If you choose the option *Using Personnel Number*, the language is retrieved from the *Communication Language* (Infotype `0002`), and the date format is retrieved from the *Country of Nationality* (Infotype `0002`).
- If you choose the option *Using User*, the language and date format are retrieved from the *User Master Record* (table `USR01`).
  If no language or date format exist, the specified fallback language and date format will be used.

- If the option *Test Run* is set, the report does not send any e-mails. If the option *Test Run* is not set, you can set the option *Save E-Mail Content* to save a copy of the quota information from the e-mail in the database.
- After running the report with the option *Save E-Mail Content* set, you can execute transaction `SE16` to display the quota information in the database table `HRPT_D_QTA_MAIL`.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	Technical Name: `RPT_SEND_QUOTA_REMINDER`
Application Component	`PT`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Send E-Mails With Expiring Quota to Employees (Report RPT_SEND_QUOTA_REMINDER)

5.11 Legal Hold for PERNR

Business Details

As a result of legal activities that have not been completed, it can occur that data cannot be destroyed even if its retention period has been exceeded. When destroying data using an archiving object, you must therefore ensure that employee data for activities relevant for legal cases is not deleted. You can ensure this by creating a destruction lock.

Key Features:

- You can create a destruction lock for one of more `PERNR` via transaction `ILM_LHM`
- In HR, you can create a destruction lock for a `PERNR` in transaction using the business object `BUS1065` (*Employee*).
  This destruction lock applies to all ILM objects that have a subtype in infotype `3246`. Exception `TRAVEL`, see 3605808.
- You can create a destruction lock in infotype `3246`, to specify which data is not to be deleted from the database for individual ILM objects.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-HR`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Create a Destruction Lock

5.12 Archiving Object HRTIM_MAIL

Business Details

You can use the archiving object *HR: Expiring Quota* (`HRTIM_MAIL`) to archive data that was created when e-mails about current quotas were sent, or you can use it to destroy the data after the defined retention period has expired. The archiving object archives or destroys data from table `HRPT_D_QTA_MAIL`.

Key Features:

- The system uses the write program `RP_HRTIM_MAIL_WRI` to select data from table `HRPT_D_QTA_MAIL` that is either to be archived and destroyed later, or to be destroyed immediately so that it can then be deleted from the database using the delete program `RP_PD_PREL_DEL`.
- You can run the program in test mode or production mode. Regardless, you must always create a variant for the write program (or select an existing variant).

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	Technical Name: `HRTIM_MAIL`
Application Component	`PT`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Destroying Data for Notification of Expiring Quotas (HRTIM_MAIL)

5.13 Create and Execute a Process in the HR Process Workbench (RPUPMEX0)

Business Details

With this tool, you can create and execute a process model in the background, offering a simpler alternative to transaction PUST.

> **Note**
>
> You can view the execution results in the *HR Process Workbench* (transaction PUST) once the process is complete.

Key Features:

- Simplify the user experience by offering a more straightforward alternative to transaction PUST for creating and executing process models.
- Streamline process execution by reducing manual interactions and guiding users through a more-intuitive workflow.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	Technical Name: `RPUPMEX0`
Application Component	PY
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Create and Execute a Process in the HR Process Workbench (RPUPMEX0)

5.14 Handling of Void Postings With Incorrect Documents After an Off-Cycle Void

Business Details

You can manage and correct void postings that result in incorrect documents following an off-cycle void.

When an off-cycle void is executed for an already posted payroll result, you can initiate the *Subsequent Processes of Off-Cycle Activities* (transaction PU0CBA). While the reversal process completes successfully, the generated posting documents are incorrect and cannot be transferred to finance (FI). This creates a process deadlock, as the entry in table T52OCG is marked as processed, preventing the void posting from being restarted via transaction PU0CBA.

Key Features:

- Eliminate process deadlocks by recovering from failed off-cycle void posting, even when entries are already flagged as processed.
- Ensure financial accuracy by generating correct posting documents, which can be successfully transferred to finance (FI).
- Enhance operational efficiency by restoring the ability to complete subsequent off-cycle activities without restarting transaction PU0CBA.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	Technical Name: PU0CBA
Application Component	PY
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

5.15 Activation and Deactivation of the Check Against Control Record Status for Off-Cycle Payroll

Business Details

You can activate and deactivate the check against the payroll control record status for off-cycle payroll runs directly from the *Payroll* tab within the *Off-Cycle Workbench*.

Key Feature:

Align with regular payroll processing by offering a similar mechanism to that is already available for regular payroll runs. Control record status checks can be toggled from the payroll driver selection screen.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	PY
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Off-Cycle Payroll

5.16 Talent Hybrid Integration Retrofit

Business Details

Retrofit of existing talent hybrid integration to replicate data between the SAP Human Capital Management solution for SAP S/4HANA and SAP SuccessFactors HCM (previously known as SAP SuccessFactors BizX). For more information, see SAP Note 3593916.

Scenarios:

- Employee and organizational data
- Recruiting
- Compensation and variable pay

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PA-SFI-TM-MW`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Integration for SAP HCM for SAP S/4HANA and SuccessFactors HCM Suite

5.17 Activation of Business Function for SAP HCM for SAP S/4HANA

Business Details

With the release of SAP S/4HANA 2025, the Business Function for SAP HCM for SAP S/4HANA will be activated by default. Therefore, it is no longer possible to run SAP HCM in SAP S/4HANA in Compatibility mode. For more information, refer to SAP Note 3443536

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	PA-BC
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

5.18 Country/Region Specifics

For country/region-specific changes, please see What's New for Functional Localizations in SAP S/4HANA.

6 Manufacturing

6.1 Environment, Health, and Safety

6.1.1 Incident Management

6.1.1.1 Standalone Process for Managing Investigations

Business Details

This feature enables you to manage investigations of workplace incidents and document investigation results in a dedicated app. The new *Manage Investigations* app (`F7969`), allows you to work on investigation records without needing authorization to edit the related incident records; you only need read access to the incidents. You can plan the investigation process, set up an investigation team, collect evidence, identify root causes using problem analysis methodologies, and make recommendations for ways to prevent similar incidents in the future.

Additionally, you can activate integration between the *Manage Investigations* app and the overview page floorplan (OVP) version of the *Edit Incident* app. This integration lets you create and display investigations directly from incident records. However, it disables the ability to create investigations using the *Investigation* tab in the *Edit Incident* app.

For more information on the key features of the *Manage Investigations* app, see the app description: Manage Investigations.

Implementation Details

To activate the integration of the new *Manage Investigations* app with the *Edit Incident* app, carry out the following steps:

- Activate the integration using the `EHHSSV_INV_SWITC` (*Integration of Manage Investigations and Edit Incident (OVP)*) view in transaction `SM30`. For more information, see Activate Integration of Manage Investigations with Edit Incident (OVP).
- Activate the OVP floorplan for the *Edit Incident* app in the following Customizing activity: *SAP Customizing Implementation Guide* > *Environment, Health and Safety* > *Incident Management* > *General Configuration* > *Activate Overview Page Floorplan (New)*.

> **Note**
>
> Integration between the *Manage Investigations* app and the *Edit Incident* app is only available for the OVP floorplan of the *Edit Incident* app.

Depending on the floorplan you're using for the *Edit Incident* app, the integration has the following effects:

Overview Page Floorplan (OVP)

In the OVP version of the *Edit Incident* app, new *Create Investigation* and *Display Investigation* buttons are added to the header toolbar. You can use these buttons to create investigations and navigate to existing investigation records in the *Manage Investigations* app.

In addition, the previously available *Investigation* tab is still displayed in incident records with existing investigations in the following statuses: *In Process*, *Reopened*, and *Closed*. The *Investigation* tab is not displayed in new incident records and records without an ongoing investigation or records with an investigation in *Void* status.

In the *Manage Investigations* app, you can navigate from an investigation record to the associated incident record. In the *Edit Incident* app, you can navigate from an incident record to an investigation record that you've created in the *Manage Investigations* app.

Object Instance Floorplan (OIF)

In the OIF version of the *Edit Incident* app, the *Investigation* tab is displayed in read-only mode and the functionality to start and process investigations on the *Investigation* tab is not available.

In the *Manage Investigations* app, you can create investigations for existing incidents. However, when you try to navigate from an investigation record to the associated incident record, you are redirected to the OVP floorplan of the *Edit Incident* app. Depending on your system setup, the navigation may fail.

Authorizations

Users can access the new *Manage Investigations* app with the front-end role `SAP_BR_INDUSTRIAL_HYGIENIST` (*Industrial Hygienist*).

In addition, the `EHHSS_INV` (*EHS: Investigation*) authorization object must be assigned to the relevant back-end role.

Customizing

You can use the following Customizing activities for your investigation processes. You can find them under *SAP Customizing Implementation Guide* > *Environment, Health and Safety* > *Incident Management* > *Investigation (New)*.

- *Specify Investigation Types*
- *Specify Investigation Activity Types*
- *Specify Evidence Types*
- *Specify Root Cause Categories*
- *Specify Priority for Root Causes and Recommendations*

Effects on Existing Data

In existing incident records, you can still find your ongoing, reopened, and closed investigations on the *Investigation* tab of the *Edit Incident* app (both in the OVP and the OIF floorplan). However, these investigations are not displayed in the *Manage Investigations* app and cannot be processed there.

Related Information

For more information on managing investigations using the *Manage Investigations* app, see Investigating Incidents as a Standalone Process.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F7969`
Application Component	`EHS-SUS-IM` (*Incident Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

6.1.1.2 Electronic Submission of Injury and Illness Data

Business Details

This feature enables you to comply with regulations that require the electronic submission of injury and illness data. With the new *Manage Electronic Submissions* app (`F8152`), you can extract the relevant data from the system based on the regulations that your organization is following and then submit the data to the appropriate authority using a web service.

The *Manage Electronic Submissions* app currently supports submitting injury and illness data to the Occupational Safety and Health Administration (OSHA) in the USA. For more information, see Electronic Submission of Injury and Illness Data to OSHA (USA).

For more information on the key features of the app, see Manage Electronic Submissions.

Implementation Details

To be able to report injury and illness data to OSHA electronically, you need to create an HTTP destination for the integration. For more information on the necessary setup and configuration activities, see Setting Up Electronic Submission to OSHA (USA).

Authorizations

Users can access the new *Manage Electronic Submissions* app with the front-end role `SAP_BR_INDUSTRIAL_HYGIENIST` (*Industrial Hygienist*).

In addition, the `EHFND_ESUB` (*EHS: Electronic Submission*) authorization object must be assigned to the relevant back-end role.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8152`
Application Component	`EHS-SUS-IM` (*Incident Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Electronic Submissions
Electronic Submission of Injury and Illness Data to OSHA (USA)
Setting Up Electronic Submission to OSHA (USA)

6.1.1.3 Integration with Learning Management Systems

Business Details

This feature enables you to assign content from an integrated learning management system (LMS) to employees who need to fulfill certain training, qualification, or certification requirements.

In the new *Task Definition: Learning Task* app (`F8398`), you can create a task for an employee to complete a learning in an integrated learning management system. You can select a learning from a list of items that are available and active in the LMS and that match your predefined configuration settings for learning item types.

This feature currently supports integration with the SAP SuccessFactors Learning solution.

Implementation Details

To set up the integration with SAP SuccessFactors Learning, you'll need the following:

- A tenant on the SAP Business Technology Platform (SAP BTP) with SAP Integration Suite enabled.
- An SAP SuccessFactors Learning system connected to SAP S/4HANA.

For more information on the necessary setup and configuration activities, see Setting Up Integration with SAP SuccessFactors Learning.

Authorizations

To be able to create a learning task, users need to have authorizations for the corresponding host object (incident).

Customizing

You can configure the learning item types that you want to use in the *Task Definition: Learning Task* app using the activity *Configure Integration with Learning Management System*. You can find the activity under *SAP Customizing Implementation Guide* > *Environment, Health and Safety* > *Foundation for EHS* > *Task Management* > *Configure Integration with Learning Management System*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8398`
Application Component	`EHS-SUS-IM` (*Incident Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Task Definition: Learning Task
Creating Learning Tasks

6.1.1.4 Workplace Safety Overview: Additional Cards, Navigation Options, and Layout Improvements

Business Details

This update introduces several new features in the *Workplace Safety Overview* app (`F7512`):

- The app now features a flexible layout that allows you to resize and arrange the cards according to your preferences.
- New cards provide you with additional insights into various aspects of workplace safety at your organization.
- You can monitor multiple safety metrics in real time, including monthly incidence and frequency rates of injuries and illnesses.
- New filters let you specify the location and time period that you want to include in the overview.
- You can navigate to records of incidents, investigations, and electronic submissions in the corresponding apps. You can also open the list of records that match the filter settings on a card by selecting the card's header.

The following new cards are introduced, displaying data for the selected location and its sublocations:

- *My Investigations* – open investigations in which you are involved as investigation lead or team member
- *Investigations Over Time* – open investigations by status and start date
- *My Investigation Activities* – open investigation activities assigned to you
- *Electronic Submissions* – open electronic submissions
- *Learning Tasks* – learning tasks by due date
- *Learning Tasks Overview* – learning tasks by status
- *DART Rate* – days away, restricted, or transferred rate
- *TRIR* – total recordable incidence rate
- *AIFR* – all injury frequency rate
- *TRIFR* – total recordable injury frequency rate
- *LTIFR* – lost time injury frequency rate
- *LTIIR* – lost time injury incidence rate
- *LTI* – lost time injuries
- *FAI* – first aid injuries
- *RWI* – restricted work injuries
- *MTI* – medical treatment injuries
- *Injury and Illness Rates* – DART, LTIFR, TRIR, AIFR, and TRIFR rates over time
- *Injuries by Classification* – injuries classified by the necessary medical treatment and time away from work
- *TRIFR / Injuries by Classification* – comparison of injuries by classification and the total recordable injury frequency rate (TRIFR)

> **Note**
>
> The workplace safety metrics calculations include cases that meet these conditions:
>
> - On the *People* tab of the incident record, the *Regulatory Reporting Required* field is set to *Yes* for the injured person, regardless of the applicable regulation.

- In the *Manage Hours Worked* app, hours worked are recorded for the location and month of the incident.

Implementation Details

Authorizations

Users can access the *Workplace Safety Overview* app with the front-end role `SAP_BR_INDUSTRIAL_HYGIENIST` (*Industrial Hygienist*). Additionally, the authorization objects necessary for working with incidents, investigations, and electronic submissions must be assigned to the relevant back-end role.

Related Information

For more information on the key features of the *Workplace Safety Overview* app, see the app description under Workplace Safety Overview.

For more information on the metrics that you can track with the *Workplace Safety Overview* app, see Workplace Safety Metrics.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F7512` (*Workplace Safety Overview*)
Application Component	`EHS-SUS-IM` (*Incident Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

6.1.1.5 Enablement of RIDDOR-Specific Data Recording

Business Details

This feature enables you to record specific information needed to report incidents under the Reporting of Injuries, Diseases, and Dangerous Occurrences Regulations (RIDDOR) in the United Kingdom. When you assign

the *RIDDOR (UK)* regulation to an incident, *RIDDOR-Specific Details* sections are displayed, allowing you to enter additional information relevant to compliant RIDDOR reporting.

The new *RIDDOR-Specific Details* sections include RIDDOR-relevant fields that are not already available in other sections of the incident record:

- On the *Details* tab, the *RIDDOR-Specific Details* section includes fields and corresponding value help to record details on the accident location, main industry, main activity, sub activity, and type of dangerous occurrence, including dangerous occurrence types specific to mines and quarries.
- On the *People* tab, for a selected injured person, the *RIDDOR-Specific Details* section includes fields to record the person's employment status, the accident type, main work factor and process involved in the accident, as well as the fall height, if applicable. Additionally, the value help of the *Injury/Illness Type* field now includes injury and illness types that are reportable under RIDDOR.

> **Note**
>
> This feature is only available for the OVP floorplan of the *Edit Incident* app.

Implementation Details

Customizing

The following changes are introduced in Customizing for *Environment, Health, and Safety*.

In the *Specify Regulations* (`EHHSS_INC_REGULATION`) activity, a new entry is added: *RIDDOR (UK)* (`S_EHFND_UK_RIDDOR`).

In the *Specify Injury/Illness Types* (`EHHSS_INC_INJILTP`) activity, new injury and illness types that are reportable under RIDDOR are added for the following classifications:

- *Injury*: Carpal tunnel syndrome, Hand Arm Vibration Syndrome, Cramp of the hand or forearm
- *Poisoning*: Biological Agents
- *Respiratory Condition*: Asthma, COVID 19 fatal, COVID 19 non-fatal
- *Skin Diseases or Disorders*: Dermatitis
- *All Other Illnesses*: Occupational cancer, Tendonitis

Related Information

For more information on using regulations in *Incident Management*, see Regulations.

For more information on recording regulation-specific details in incident records, see Recording Regulation-Specific Data.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`EHS-SUS-IM` (*Incident Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

6.1.1.6 Assignment of a Medical Service to an Injury/ Illness Log Entry

Business Details

This feature enables you to assign medical service records from *Occupational Health* to injury/illness log entries.

When you use the *Manage Injury/Illness Log* app or the *Create Injury/Illness Log Entry* app to open or create an injury/illness log entry, you can find the *Medical Service* section on the *Basic Information* tab for a selected injured person. In addition to the option to create a medical service for the injured person directly from within the injury/illness log entry, you can now link an existing medical service record.

Implementation Details

This feature is only available if the SAP EHS Management for SAP S/4HANA, occupational health application is implemented.

Authorizations

You can create and manage entries in the injury/illness log using the following front-end role: *Employee - First Aid* (`SAP_BR_EMPLOYEE_FIRST_AID`).

Customizing

If the *Occupational Health* component is implemented on a remote system, you need to specify a destination for integration in the following Customizing activity: *Environment, Health and Safety* > *Foundation for EHS* > *Integration* > *Specify Destinations for Integration*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`EHS-SUS-IM` (*Incident Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Create Injury/Illness Log Entry
Injury/Illness Log

6.1.1.7 Enhancements for Incident Management

Business Details

This feature includes enhancements that improve the overall user experience in *Incident Management*.

Workplace Safety Launchpad Space

On the *Incident Management* page of the *Workplace Safety* launchpad space, the icons on app tiles have been updated for overall consistency and to better reflect each app's purpose.

User Experience Improvements

In the *Manage Incidents* app, right-clicking an item now displays the available actions instead of the browser's context menu.

Report Incident App

New fields are introduced for reporting incidents of the following categories:

- *Incident*: *Immediate Actions*
- *Near Miss*: *Report Anonymously*, *Situation Description*, and *Cause*
- *Safety Observation*: *Report Anonymously* and *Situation Description*

Category-Specific Incident Reporting

You can now add the following tiles to your launchpad that allow you to report incidents only of a specific category:

- *Report Incident* - Incident
- *Report Incident* - Near Miss
- *Report Incident* - Safety Observation

Edit Incident (OVP) App

In the toolbar, the *Investigation* button is replaced with two separate buttons: *Create Investigation* and *Display Investigation*. The button shown depends on whether there's an investigation associated with the incident.

You can now link incident records to related near miss and safety observation records by choosing *Linked Objects* in the toolbar. Previously, you could only link incidents to other incidents.

On the *People* tab, in the value help of the *Involved Person* field, the *User ID* filter is added. In the results table, the *Personnel Number* column is renamed to *Work Agreement ID*.

On the *Details* tab for a selected injured person, the *Regulatory Reporting Required* field is added. You can use this field to indicate that a case is recordable and must be included in reports and calculations of workplace safety metrics.

On the *Health* tab for a selected injured person, the following fields are now available by default (these fields were previously only displayed depending on the assigned regulation):

- In the *Injuries / Illnesses* section: *Reporting Required*
- In the *Treatment* section: *First Aid Treatment*, *Treatment Beyond First Aid*, *Emergency Room*, *Inpatient Overnight*, *Unconsciousness*, and *Immediate Resuscitation*

Manage Investigations App

The incident location is now available in investigation records, and you can filter investigations by location.

Manage Hours Worked App

To ensure data consistency for regulatory reporting, a validation is introduced that ensures that the start date and the end date of a work period are the first and the last day of the same month.

Forms for Offline Incident Recording

The forms are updated as follows:

Report Incident (`INC_OFFLINE_REC_INC`)

- The *Add Injured Person* button is introduced and allows you to add multiple injured persons.
- The *Add Witness* button is introduced and allows you to add multiple witnesses.

Report Near Miss (`INC_OFFLINE_REC_NM`)

- The *Who witnessed the near miss?* section and the *Add Witness* button are introduced and allow you to add one or more witnesses to the record.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App IDs: `F1992` (*Report Incident*) `EHHSS_INC_REC_OVP` (*Edit Incident (OVP)*) `F4759` (*Manage Incidents*) `F7969` (*Manage Investigations*) `F3372` (*Manage Hours Worked*) Forms: `INC_OFFLINE_REC_INC` (*Report Incident*) `INC_OFFLINE_REC_NM` (*Report Near Miss*)
Application Component	`EHS-SUS-IM` (*Incident Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

6.1.1.8 Configuration for Incident Management

Business Details

With this release, new configuration activities related to *Incident Management* have been introduced.

Implementation Details

Customizing

The following configuration activities have been added in Customizing for *Environment, Health, and Safety* under *Incident Management*:

Configuration For	Customizing Activity	Description	Customizing Path
Visualization of incident categories	*Specify Icons for Incident Categories*	Assign icons from the SAPUI5 Icon Explorer to the standard incident categories.	*Environment, Health and Safety* > *Incident Management* > *Incident Recording* > *Basic Information* > *Specify Icons for Incident Categories*
Investigation processes	*Specify Investigation Types*	Categorize investigations based on, for example, the matter being investigated, the applicable guidelines, the functional area responsible, and whether the investigation is to be conducted internally or delegated to an external organization.	*Environment, Health and Safety* > *Incident Management* > *Investigation (New)* > *Specify Investigation Types*
Investigation processes	*Specify Investigation Activity Types*	Specify types of activities that you can use to structure and manage investigation processes.	*Environment, Health and Safety* > *Incident Management* > *Investigation (New)* > *Specify Investigation Activity Types*
Investigation processes	*Specify Evidence Types*	Define different types to categorize evidence that is collected during an investigation, for example, physical evidence, documentary evidence, witness statements, and so on.	*Environment, Health and Safety* > *Incident Management* > *Investigation (New)* > *Specify Evidence Types*
Investigation processes	*Specify Root Cause Categories*	Specify root cause categories to classify root causes that are identified during an investigation.	*Environment, Health and Safety* > *Incident Management* > *Investigation (New)* > *Specify Root Cause Categories*

Configuration For	Customizing Activity	Description	Customizing Path
Investigation processes	*Specify Priority for Root Causes and Recommendations*	Define priority levels that you can then assign to root causes and recommendations to specify their significance or impact.	*Environment, Health and Safety* > *Incident Management* > *Investigation (New)* > *Specify Priority for Root Causes and Recommendations*
Integration with learning management systems	*Configure Integration with Learning Management System*	Configure the learning item types that you want to use in the *Task Definition: Learning Task* app. For more information, see Integration with Learning Management Systems [page 532].	*Environment, Health and Safety* > *Foundation for EHS* > *Task Management* > *Configure Integration with Learning Management System*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`EHS-SUS-IM` (*Incident Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

How to Get Incident Management Running

6.1.1.9 Data Management in Incident Management

Business Details

With this feature, new data management objects have been delivered for *Incident Management*.

Name of Data Management Object	Object Type	Changes with this Release	Details	More Information
`EHHSS_INV`	data destruction object	New data destruction object added.	You can use this object to destroy investigation records.	Destroying Investigations Using EHHSS_INV

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`EHHSS_INV`
Application Component	`EHS-SUS-IM` (*Incident Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Destroying Investigations Using EHHSS_INV

6.1.1.10 CDS Views for Incident Management

Business Details

With this release, additional CDS views have been released for key user extensibility in *Incident Management*.

The following CDS views are released:

CDS View	Technical Name	Purpose	More Information
Workplace Safety Metrics - Query	`C_IncdntRatesWithFltrQry`	Retrieves various workplace safety metrics for a specific location (and its sublocations) as well as their monthly maximum and average values.	Workplace Safety Metrics - Query
Workplace Safety Metrics - Cube	`I_InjryIllnCasesAndHrsWrk`	Retrieves the months where both employee hours worked and incidents are recorded for a specific location (and its sublocations).	Workplace Safety Metrics - Cube
All Incident Groups Query	`C_IncdntAllGrpsWithFilterQ`	Retrieves the number of incident records per incident, near miss, or safety observation group for a specific location and its sublocations.	All Incident Groups - Query
Incident Group - Cube	`I_IncidentGroupCube`	Provides access to data on incidents of all categories, such as the total number of records per incident group and the status, date, time, and location of each incident.	Incident Group - Cube
Incident Notice of Violation Case Query	`C_IncdntNtcVioltnWthFltrQ`	Retrieves the number of incident records for a given location (and its sublocations) that involve a notice of violation. The data can be aggregated by attributes, such as category, type, and source.	Incident Notice of Violation Case - Query
Incident Notice of Violation - Cube	`I_IncidentNtcOfVioltnCaseCube`	Provides access to data on incidents of group *Notice of Violation*, such as their total number, the category, type, and source of the notice of violation, and the date, time, and location of the incident.	Incident Notice of Violation - Cube

CDS View	Technical Name	Purpose	More Information
Incident Release Case Query	`C_IncdntRelWthFilterQry`	Retrieves the number of incident records for a specific location and its sublocations that involve an environmental release. The data can be aggregated by attributes, such as the type and size of release.	Incident Release Case - Query
Incident Release - Cube	`I_IncidentReleaseCaseCube`	Provides access to data on incidents of group *Release*, such as their total number, the type and size of release, and the date, time, and location of the incident.	Incident Release - Cube

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	See the table above
Application Component	`EHS-SUS-IM` (*Incident Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

CDS Views for Incident Management
Virtual Data Model and CDS Views in SAP S/4HANA

6.1.2 Occupational Health

6.1.2.1 Occupational Health

Business Details

This component enables you to plan and manage medical services, perform medical statistics and analyses, as well as to create documents like medical certificates or service overviews.

Occupational Health supports general employee occupational healthcare in your enterprise, as well as the planning and execution of special health surveillance protocols.

Special surveillance is required for those persons who may be exposed to certain influences of a chemical, physical, or biological nature at their workplace, or who perform activities that pose a health hazard. Health surveillance protocols can also include vaccinations or – as in the United States – random drug tests.

Implementation Details

Authorizations

Users can access the *Occupational Health* apps with the front-end role `SAP_BR_OH_SPECIALIST` (*Occupational Health Specialist*). The following business catalog needs to be assigned: SAP_EHS_BC_OH_SPECIALIST.

The following section lists the authorization objects that are used by *Occupational Health*.

Authorization Object	Field	Value	Description
C_EHSH_QUE	ACTVT	Activity	EHS: Question Catalog
	EHSQCAT	Number of Question Catalog	
C_EHSH_QUG	ACTVT	Activity	EHS General Questionnaire
	Q_ID	Number of General Questionnaire	
C_EHSI_DOC	ACTVT	Activity	EHS: Documents and Free-text
	TEXTCAT	User-Defined Text Type	
	REFOBJ	Reference Object	
C_EHS_BLK	ACTVT	Activity	EHS: Locked Personal Data
	EHS_BLKAPP		

Authorization Object	Field	Value	Description
C_EHS_EOP	ACTVT	Activity	EHS: Where-Used List for Personnel Administration Data
C_EHSH_DIA	ACTVT	Activity	EHS: Diagnosis Key
C_EHSH_EXM	ACTVT	Activity	EHS: Examination
	EGROUP	Examination Category	
	EPROVIDER	Service Provider	
C_EHSH_HSP	ACTVT	Activity	EHS: Health Surveillance Protocol
	PGROUP	Health Surveillance Protocol Category	
	POWNER	Protocol Owner	
	PROTTYPE	Health Surveillance Protocol Type	
C_EHSH_PER	ACTVT	Activity	EHS: Persons in Medical Service
	PERSGRP	Person Group	
	VDSK1	Organizational Key	
	PERSA	Personnel Area	
	BTRTL	Personnel Subarea	
	GROUP	Employee/Applicant Group	
	SUBGROUP	Employee Subgroup/Applicant Range	
C_EHSH_POH	ACTVT	Activity	EHS: Person-Related Medical Service Data
	EHS_OBJECT	Occupational Health Object	
	EHS_HEACEN	Health Center	
C_EHSH_TES	ACTVT	Activity	EHS: Medical Tests
	TGROUP	Test Type	

Customizing

You can configure these functions in Customizing for *Environment, Health and Safety* under *Occupational Health*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	EHS-SUS-OH (*Occupational Health*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

6.1.3 Environment Management

6.1.3.1 Environment Management Overview

Business Details

This feature introduces an environmental dashboard where you can view all data issues with exceedances, warnings, and missing data from the last six months, collected within the *Environment Management* component.

The *Environment Management Overview* dashboard contains five data viewing cards, which you can drag and drop in the order that you want to display the data on the screen. Three of the cards show a month-by-month graph of data issues that are found in the system from the last six months (counted back from the current date). These numbers are collected for the location structure (including all sublocations) that the environmental manager is responsible for. This allows you, as the environmental manager, to access this data quickly and easily, all in one place.

> **Note**
>
> All data issues include data from compliance scenarios of the *Generic* and *Emissions Declaration* type, at the environmental manager's location of responsibility.

SAP delivers the following data viewing cards by default:

- *Exceedances & Warnings (Approved Items)*
  This card shows the number of data issues from the last six months that are approved by the environmental manager. The large number above only shows the number of exceedances, while the line graph shows both exceedances and warnings.
  The manager can also view and process this data in the *Monitor Data* and *Data Issues - Exceedances & Warnings* apps.
- *Exceedances & Warnings (New Items - Action Required)*

This card shows the number of data issues from the last six months that are awaiting action (approval, replacement, or invalidation) by the environmental manager. The large number above only shows the number of exceedances, while the line graph shows both exceedances and warnings.
By interacting with this card, you can navigate directly to the *Data Issues - Exceedances & Warnings* app to process the data as required.

- *Missing Data*
  This card shows the number of missing data entries from the last six months that are waiting action by the environmental manager. By interacting with this card, you can navigate directly to the *Data Issues - Missing Data* app to process the data as required.
- *My Location*
  This card displays the location that is set as *My Location* for your business user, where all the data comes from. By interacting with this card, you can navigate directly to the *My Locations* app, where you can change the setting if required.
- *Quick Links*
  This card contains navigation links to the following apps:
  - Manage Compliance Scenario - You can navigate here to view or edit the activities collecting data for your location, as well as assign or unassign environmental limits.
  - My Emissions Declarations
  - Monitor Data - Environment Management - You can navigate here to view and process the data issues shown in the overview.
  - Compliance Analysis - You can navigate here to view existing compliance requirement tasks.
  - Manage Compliance Requirements - Regulations, Permits, Policies - You can navigate here to view and edit compliance requirements and their environmental limits (which control when data exceedances and warnings are created).

For the cards displaying data (the first three listed above), you can choose whether you want to display the collected data, calculated data, or aggregated data.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F7543`
Application Component	`EHS-SUS-EM` (*Environment Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

6.1.3.2 Scheduling Emissions Declarations

Business Details

With this feature, you can schedule the automatic, recurrent generation of emissions declarations for each reporting period.

As an environmental manager, you can schedule the periodic generation of emissions declarations from within the *Manage Compliance Scenario* app. When you open or create an emissions declaration scenario, under the *Basic Information* tab, there's a new section called *Emissions Declaration Settings*. This section allows you to set up the scenario so that the system automatically generates an emissions declaration once every set reporting period.

> ⓘ Note
>
> You can only schedule for future dates, and every change to the emissions declaration settings is reflected across all existing scenario revisions.

Implementation Details

Customizing

You can manage the menu options available in the *Emissions Declaration Settings* using the following Customizing activities:

- Specify Reporting Period Types
- Specify Recurrence Types for the Environmental Scheduler
- Specify Contexts for the Environmental Scheduler

The following Business Add-Ins (BAdIs) are also available for customizing the environmental scheduler:

- `BADI_EHENV_SCHED_PROCG` - This BAdI allows you to specify the processing details of a scheduled recurring action, such as the type of action to be scheduled and how it is executed (in this case, the periodic generation of emissions declarations).
- `BADI_EHENV_EMD_PRD_START_TSTMP` - When you schedule the recurring generation of an emissions declaration, this BAdI creates a timestamp to mark the start date of the new declaration's reporting period.
- `BADI_EHENV_SCHED_DEFAULT_VALS` - You can use this BAdI to specify default starting values (such as the initial execution date or a notification role) for the environmental scheduler.
- `BADI_EHENV_SCHED_NEXT_RCRRC` - You can use this BAdI to calculate the next occurrence of the scheduled recurring generation of emissions declaration (which is defined in `BADI_EHENV_SCHED_PROCG`).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F6723
Application Component	EHS-SUS-EM (*Environment Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

My Emissions Declarations
Manage Compliance Scenario

6.1.3.3 Enhancements to the PRTR Reporting Process

Business Details

With this feature, the PRTR reporting process has been enhanced with a new regulatory list type which allows you to set minimum reporting thresholds, and you can now generate PRTR reports that include emissions declaration data, including emitted substances, data collections, calculation results and location aggregation results.

New Regulatory List Type - PRTR Thresholds

The *PRTR Thresholds* regulatory list helps you ensure that PRTR reports only display significant quantities of pollutants that are above the minimum reporting threshold set by environmental authorities. This way, you can avoid cluttering your reports with pollutant amounts that are too small to be reported. You can create *PRTR Thresholds* regulatory lists in the *Manage Compliance Requirements* app, when you create or edit a compliance requirement of the *Regulation* type, in its *Contents* tab.

Once the *PRTR Thresholds* regulatory list is created, you can add entries to define thresholds for all air, water, and land pollutants that are emitted during your business operations and need to be listed in the PRTR report. Each emitted substance entry contains the following fields:

PRTR Pollutant Number	Pollutant	Pollutant CAS Number	Threshold Value	Unit

The details of each pollutant are maintained in the *Manage Listed Substances* app. The threshold value is the minimum quantity at which the emitted pollutant needs to be included in the PRTR report.

The *Manage PRTR Reports* app has also been enhanced with the following new fields: *Air Pollutant List* and *Wastewater Pollutant List*. Once you release the *PRTR Thresholds* regulatory lists, you can select them into these fields when you create an E-PRTR report. During the report generation, the system checks the relevant records against the entered thresholds. Any amounts that are below the threshold value (or don't appear on the regulatory list) won't be included in the report.

Include Emissions Declaration Data in Reports

In the *Manage PRTR Report* app, you can create PRTR reports with all the necessary environmental data, including emitted substance data from emissions declarations. The system uses data classifiers to determine which data sets to include in each report. The following fields are available to specify the data for the report:

- Water Data Classifier
- Air Data Classifier
- Air Pollutant List
- Wastewater Pollutant List

> ⓘ Note
>
> For the wastewater value in the report, the system currently only includes the pollutant contaminating the water, not the water's volume.

You can assign the air data classifier and the water data classifier to emitted substance data sets in the *Manage Compliance Scenario* app, in the relevant emissions declaration compliance scenario, in the *Emitted Substance Data* section. When you select the same classifiers during the report creation, the system includes these data sets in the report.

In the *Manage Data Classifiers* app, the *In Use* filter field on the results page is enhanced with a new section: *Reports*. This section indicates whether or not a classifier is being used in any PRTR environmental reports. You can select any values that appear in the *Reports* section to navigate to the report where that classifier is being used.

In the *Manage Compliance Requirements* app, you can enter the details of each water- or air-emitted pollutant in a respective regulatory list of the *PRTR Thresholds* type, in the compliance requirement which is assigned to a relevant compliance scenario. In the PRTR report, the system combines company substance and listed substance data sets that have the same PRTR number specified in the regulatory list. During the report creation, you can use the *Air Pollutant List* and *Wastewater Pollutant List* fields to specify the regulatory lists containing air and water pollutant details. These regulatory lists determine which of the pollutant values are significant enough to be included in the report.

> ⓘ Note
>
> The *Manage PRTR Report* is part of the *Manage Environmental Reports* app; you can create an PRTR reports in the same way you create a greenhouse gas report, but it is used in Germany to declare released

pollutants in the following categories: air emissions, accidental air emissions, wastewater pollutants, and off-site waste transfer and disposal.

The PRTR report compiles data on the following levels:

1. Facility (master data on the main location)
2. BImSchG plant (master data on all plants with the "BImSchG" location classifier under the main location)
3. Emissions declarations (emitted substance data collected from emissions declarations in the *My Emissions Declarations* app, and from calculation results from emissions declaration compliance scenarios. The data is aggregated from all sources under the facility.)
4. Wastewater (data on the emission to water of a particular pollutant, collected in *Waste Management*)
5. Waste disposal (waste disposal data from transportation documents in *Waste Management*)

Implementation Details

Customizing

The following Business Add-Ins (BAdIs) for developer extensibility are available to customize the PRTR report generation process:

Objects Available for Developer Extensibility

Object Type	End-User Name	Technical Name	Type	Details
BAdI	Generate Environmental Report	`BADI_EHENV_REPORT_GEN_FILE`	New	This BAdI allows you to create your own custom XML report implementation. The following BAdI enhancement implementation is available for E-PRTR reports: • `BADI_EHENV_REPORT_GEN_PRTR`
BAdI	Validation of Environmental Report Period	`BADI_EHENV_RPT_PERIOD_VAL`	New	This BAdI allows you to create custom validations for the reporting period chosen during the setup of a report. SAP currently only offers a yearly reporting period. If you want to use a different reporting period (for example, monthly), you need to implement this BAdI. The following BAdI enhancement implementation is available for E-PRTR reports: • BADI_EHENV_RPT_PERIOD_VAL_PRTR
BAdI	Get additional reporting information on a location	`BADI_EHENV_RPT_LOC_REP_INFO`	New	This BAdI allows you to extract data from a facility's *Additional Reporting Information* section in the *Manage Locations* app.

Object Type	End-User Name	Technical Name	Type	Details
BAdI	Adjustment of the PRTR chapters during generation	`BADI_EHENV_RPT_ADJ_PRTR_CHPTR`	New	This BAdI allows you to adjust the content within the chapters of a PRTR report. It includes a `CHAPTER_ID` filter that determines which implementation is used. The following implementations are delivered for PRTR reports: • `BADI_EHENV_RPT_ADJ_PRTR_CH_AE` (`AE` = emissions to air [including accidental] and land) • `BADI_EHENV_RPT_ADJ_PRTR_CH_EW` (`EW` = emissions to water) • `BADI_EHENV_RPT_ADJ_PRTR_CH_PL` (`PL` = BImSchG plant data) • `BADI_EHENV_RPT_ADJ_PRTR_CH_WD` (`WD` = waste disposal)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App IDs: • `F6723` (My Emissions Declarations) • `F5638` (Manage Environmental Reports) • `F6598` (Manage Data Classifiers)
Application Component	`EHS-SUS-EM` (*Environment Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

6.1.3.4 Enhancements to Emissions Declarations

Business Details

New enhancements have been made related to working with emissions declarations, which includes the following apps: *My Emissions Declarations* and *Manage Compliance Scenario*.

- As *Environmental Manager*, you can now delete emissions declarations that are in *Not Valid* status. Before this change, only declarations in *New* status could be deleted.
- When you create a new revision of a compliance scenario of the *Emissions Declaration* type, the system checks for any emissions declarations that are generated within the validity period of the new revision. If any declarations are found within the same period, the system automatically links their data amounts to the new revision.
- In the *My Emissions Declarations* app, the search results are now displayed in a new grid table view, allowing you to sort the data more efficiently. The grid table view is available only for desktop and tablet devices.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F6723`
Application Component	`EHS-SUS-EM` (*Environment Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

6.1.3.5 BAdI: Specify RFC Server Group for Calculations

Business Details

The Business Add-In (BAdI) *Specify RFC Server Group for Calculations* enables you to specify a particular server group for the system to use for calculation remote function calls (RFCs).

In Customizing, you can access this BAdI under *SAP Customizing Implementation Guide* > *Environment, Health and Safety* > *Environment Management* > *Business Add-Ins* > *Business Add-Ins for Data Checks and Calculations* > *BAdI: Specify RFC Server Group for Calculations*.

Calculations in *Environment Management* are executed in parallel with RFC (remote function calls) tasks. To achieve a balanced distribution on the system load, you can use destination additions to execute function modules in parallel with tasks in any application server, or in a predefined application server group in an SAP system. If you implement this BAdI and provide an RFC server group name (specified in transaction `RZ12`), then the calculations' remote function calls will use this group.

There is no standard implementation delivered with the system. The default server group is used, which means that all application servers are utilized.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`BADI_EHENV_CDEF_RFC_PROCESSING`
Application Component	`EHS-SUS-EM` (*Environment Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

6.1.3.6 Configuration for Environment Management

With this release, new configuration activities related to *Environment Management* have been added to your configuration environment. In addition, changes have been made to some previously delivered configuration activities.

Additional Details

Type of change	Configuration for ...	New/changed configuration object	What you can do	Solution Area	Solution Capability
New configuration item	Collecting data on substances handled during the production process	Specify Handled Substances Usages	Specify the ways in which your business processes use handled substances that are subject to regulatory reporting, in the *Collect Handled Substances* app.	Environment, Health, and Safety	Environment Management (SAP S/4HANA)

Type of change	Configuration for ...	New/changed configuration object	What you can do	Solution Area	Solution Capability
New configuration item	Managing locations	Specify Location Types	Specify the location types that are available for use in the system (such as facility, plant, building, and so on).	Environment, Health, and Safety	Environment Management (SAP S/4HANA)
New configuration item	Managing locations	Specify Location Classifier Types	Create location classifier types to group locations by a common classification and sort through them more easily.	Environment, Health, and Safety	Environment Management (SAP S/4HANA)
New configuration item	• Emissions declaration reports • PRTR reports	Specify Additional Reporting Information Types	Specify what reporting types are available to select from in the *Additional Reporting Information* section in the *Manage Locations* app.	Environment, Health, and Safety	Environment Management (SAP S/4HANA)
New configuration item	• Emissions declaration reports • PRTR reports	Specify Additional Reporting Information Details	Specify the rows of entries that load with each reporting type in the *Additional Reporting Information* section in the *Manage Locations* app.	Environment, Health, and Safety	Environment Management (SAP S/4HANA)

Type of change	Configuration for ...	New/changed configuration object	What you can do	Solution Area	Solution Capability
Changed configuration object	• Emissions declarations • Emissions declaration reports	Specify Physical States	The following new entries have been added to the configuration activity: • `EHFND_CHM_PST_1` (Solid) • `EHFND_CHM_PST_2` (Liquid) • `EHFND_CHM_PST_3` (Gas)	Environment, Health and Safety	Environment Management (SAP S/4HANA)
Changed configuration object	• Managing compliance scenarios	Define E-Mail Notification Types, Sections, Default E-Mail Templates	The following new entry has been added to support the new environmental limit type, the plausibility check: `EHFND_REQ_ENVLI_PLSBT_CHECK`	Environment, Health and Safety	Environment Management (SAP S/4HANA)

Type of change	Configuration for ...	New/changed configuration object	What you can do	Solution Area	Solution Capability
New configuration object	• Emissions declarations • Emissions declaration reports	Specify Emissions Determination Types	This configuration activity was created with the following fields for each entry: • Determination Method Type • Determination Type Code • Determination Type Name The following determination method types are delivered with the system: • `SAP_DE_EM_CALC` (Calculation) • `SAP_DE_EM_ESTI` (Estimation) • `SAP_DE_EM_MEAS` (Measurement)	Environment, Health and Safety	Environment Management (SAP S/4HANA)

Type of change	Configuration for ...	New/changed configuration object	What you can do	Solution Area	Solution Capability
New configuration object	Generating emissions declarations	Specify Recurrence Types for the Environmental Scheduler	Specify the periodicity at which the system automatically generates emissions declarations. Recurrence types are used in the *Specify Contexts for the Environmental Scheduler* configuration activity. The following recurrence types are delivered with the system, based on German reporting period requirements: • Every Year • Every Fourth Year	Environment, Health and Safety	Environment Management (SAP S/4HANA)

Type of change	Configuration for ...	New/changed configuration object	What you can do	Solution Area	Solution Capability
New configuration object	Generating emissions declarations	Specify Contexts for the Environmental Scheduler	Specify contexts for the environmental scheduler. Each context contains the basic parameters necessary to schedule a recurring action in Environment Management. SAP delivers the following context parameters for scheduling emissions declarations: • Recurrence type (created in *Specify Recurrence Types for Scheduling Emissions Declarations*) • Reporting period (created in *Specify Reporting Period Types*)	Environment, Health and Safety	Environment Management (SAP S/4HANA)
New configuration object	Generating emissions declarations	Schedule Jobs for Automatic Execution	Set up background jobs to perform the execution of any actions that you have configured to be triggered by the environmental scheduler.	Environment, Health and Safety	Environment Management (SAP S/4HANA)

Type of change	Configuration for ...	New/changed configuration object	What you can do	Solution Area	Solution Capability
New configuration object	Number ranges for compliance requirements	Maintain Number Range 2 for Compliance Requirement `BCO_ID`	Use and maintain this number range object only when the interval of the number range object `EHFNDREQID` has reached its final value.	Environment, Health and Safety	Environment Management (SAP S/4HANA)
Changed configuration object	• Scheduling Environmental Reports • Scheduling Tasks	Specify Reporting Period Types	A new reporting period type is delivered with the system: *Current Year*. This reporting period can be used when scheduling tasks or with the environmental scheduler for scheduling emissions declarations.	Environment, Health and Safety	Environment Management (SAP S/4HANA)
New configuration item	• Location details • PRTR Reports	Specify Location Identifiers	Specify location identifiers and their descriptions. Once specified, location identifiers can be used to reflect location identification across the system according to relevant regulations or other sources. The system is delivered with a list of location identifiers by default.	Environment, Health and Safety	Environment Management (SAP S/4HANA)

Type of change	Configuration for ...	New/changed configuration object	What you can do	Solution Area	Solution Capability
New configuration item	Managing notifications	Disable Email Notifications in Environment Management	Disable email notifications in Environment Management apps. By default, users receive email notifications from Environment Management apps, and this feature allows you to disable them independently as required.	Environment, Health and Safety	Environment Management (SAP S/4HANA)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	EHS-SUS-EM (*Environment Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

6.1.3.7 CDS Views in Environment Management

Business Details

Some CDS (Core Data Services) views have been released or changed for *Environment Management*.

CDS Views Released or Changed for Environment Management

Name	Technical Name	Status	What's Changed	Details
EHS Locations - Query	`C_EHSLocationForLocIDQ`	New	This CDS view retrieves and counts the number of task instances. It allows filtering by task characteristics and by related objects, such as location, compliance scenario, incident, deviation incident and compliance requirement.	EHS Locations - Query
EHS Locations - Cube	`I_EHSLocationForLocIDC`	New	This CDS view retrieves and counts the number of task instances. It allows filtering by task characteristics and by related objects, such as location, compliance scenario, incident, deviation incident and compliance requirement.	EHS Locations - Cube
Deviation Incident Case Query	`C_DvtnIncdntForLocIDQ`	New	This CDS view retrieves the number of the open deviation incidents over a specific period of time.	Deviation Incident Case Query
Deviation Incident - Cube	`I_EHSDeviationIncidentCube`	New	This CDS view retrieves the number of the open deviation incidents over a specific period of time.	Deviation Incident - Cube
EHS Task Instance - Query	`C_EHSTaskInstanceForLocIDQ`	New	This CDS view retrieves and counts the number of task instances. It allows filtering by task characteristics and by related objects, such as location, compliance scenario, incident, deviation incident and compliance requirement.	EHS Task Instance - Query

Name	Technical Name	Status	What's Changed	Details
EHS Task Instance - Cube	`I_EHSTaskInstanceCube`	New	This CDS view retrieves and counts the number of task instances. It allows filtering by task characteristics and by related objects, such as location, compliance scenario, incident, deviation incident and compliance requirement.	EHS Task Instance - Cube
EHS Overdue Task Instance Trend - Query	`C_EHSOvrdTskTrndForLocIDQ`	New	This CDS view retrieves the number of overdue compliance tasks over a specific period based on their location and task type.	EHS Overdue Task Instance Trend - Query
EHS Overdue Task Instance Trend - Cube	`I_EHSOvrdTskTrndCube`	New	This CDS view retrieves the number of overdue compliance tasks over a specific period based on their location and task type.	EHS Overdue Task Instance Trend - Cube

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	See the table above
Application Component	`EHS-SUS-EM` (*Environment Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

6.1.3.8 Predefined Launchpad Space: *Environment Management*

The predefined launchpad space *Environment Management* (SAP_BR_EHS_ENV_MGMT) has been changed. If your business users are reusing this space and have the relevant authorizations, the layout and apps shown on the launchpad will change.

These changes become effective automatically if all of the following conditions are met:

- The relevant business users have the authorizations for using the relevant apps.
- The SAP-delivered space template (not a customer-created space) is assigned to these business users through the assigned business roles.

> **Note**
>
> If personalization for launchpad spaces and pages is enabled, end users can make manual changes that may conflict with the changes described below.

The following table summarizes the changes relating to the individual page templates within the space template.

Changes relating to individual launchpad pages within the launchpad space

Name and ID of Affected Launchpad Page	Change	Details
Environment Management (SAP_EHS_PGT_ENV_MGM_PC	A new app has been added to the *Analysis* section.	The following new app has been added: Environment Management Overview [page 548] (F7543).
Waste Management (SAP_EHS_PGT_WST_MGM_PC)	A page has been added to the space *Environment Management*.	The new *Waste Management* page is dedicated for *Environmental Managers* whose operational focus is the processing and disposal of waste.

You can access detailed information about each launchpad space and page in the *Manage Launchpad Spaces* and *Manage Launchpad Pages* apps. For more information, see Managing Launchpad Spaces and Pages.

Implementation Details

If this SAP-delivered space template is already assigned to business users, the changes described here become effective for them automatically after the upgrade. If a customer-created space is assigned to business users, you as the system administrator need to decide if you're going to make these changes in your customer-created space manually.

For more information about assigning customer-created spaces or SAP-delivered space templates, see How to Create and Assign Spaces and Pages.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Space ID: `SAP_BR_EHS_ENV_MGMT`
Application Component	`EHS-SUS-EM` (*Environment Management*)
Availability	EHS-SUS-EM (Environment Management)
Valid as Of	2025

Related Information

Managing Launchpad Spaces and Pages

6.1.4 Waste Management

6.1.4.1 Creation of Waste Transfer Requests by Copying

Business Details

With this feature, you can create new waste transfer requests quickly and easily by copying existing requests and reusing their data.

The ability to copy waste transfer requests has been added to the *Manage Waste Transfer Requests* (`F6084`) and the *My Waste Transfer Requests* (`F6083`) apps.

When you create a waste transfer request by copying an existing one, the system takes over the point of generation, the waste product, and the unit of measurement, so you only need to enter the quantity for the new request. The disposal channel is also copied, if available, and can be changed. The date is prefilled with the current date and is also editable. The waste transfer requests you create by copying are in *New* status regardless of the statuses of the copied requests.

You can copy the data of multiple waste transfer requests at the same time.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F6084`, *Manage Waste Transfer Requests* App ID: `F6083`, *My Waste Transfer Requests*
Application Component	`EHS-SUS-WA` (*Waste Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Waste Transfer Requests
Manage Waste Transfer Requests - Waste Management
My Waste Transfer Requests - Waste Management

6.1.4.2 Enhancements to Waste Transportation Documents

Business Details

With this feature, enhancements have been made to the *My Waste Transportation Documents* app, including new and renamed fields.

The enhancements include the following:

- A new *Confirmed Management Method Code* column was added in the *Waste Products* section.
- In the *Waste Products* section, you can select the new *Recyclable* checkbox to indicate that a waste shipment contains at least one waste product that can be recycled. The system uses this information when generating report files for the European Pollutant Release and Transfer Register (E-PRTR).
- In the *Basic Information* section, you can select the new *Transported Abroad* checkbox to indicate that a waste shipment is temporarily transported abroad on its way from the point of generation to a storage, treatment, or disposal facility. The system uses this information when generating report files for the European Pollutant Release and Transfer Register (E-PRTR).
- The *Date* fields in the *Waste Partners* section have been renamed to *Acceptance Date* to indicate the date when the waste partner accepts the waste for transportation or disposal.

Additional Details

The new *Confirmed Management Method Code* field appears next to waste products that do not require a permit for disposal. It allows the environmental manager to track the confirmed management method code that comes from the disposal company, which may differ from the initial code on the waste transportation document. The field is read-only until the document reaches *Submitted* status, after which the field becomes editable.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F5290`
Application Component	`EHS-SUS-WA` (*Waste Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

My Waste Transportation Documents
Waste Transportation Documents

6.1.4.3 Printing of Waste Transfer Requests

Business Details

With this feature, as an *Environmental Manager* or a *Production Operator*, you can generate a PDF file of a waste transfer request and print it out. Printing a waste transfer request makes it easier to formally hand over the request, along with the responsibility for the waste, to the person responsible for moving the waste from the point of generation to a storage location or collection point.

Related Information

You can find more information in the product assistance for *Waste Management*.

For more information about the apps that you can use to process waste transfer requests, see:

- My Waste Transfer Requests - Waste Management
- Manage Waste Transfer Requests - Waste Management

For more information on waste transfer requests, see Waste Transfer Requests.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App IDs: `F6083` (*My Waste Transfer Requests*) `F6084` (*Manage Waste Transfer Requests*)
Application Component	`EHS-SUS-WA` (*Waste Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

6.1.4.4 Integration of Purchase Orders into Waste Transportation Documents

Business Details

With this feature, as an *Environmental Manager*, you can search for and add purchase orders to waste transportation documents in the *My Waste Transportation Documents* (`F5290`) app.

In the *My Waste Transportation Documents* app, the overview of a waste transportation document includes a new section displaying the purchase orders that are added to that document. When you edit a waste transportation document, you can search and add purchase orders to that document.

A single purchase order can be added to multiple waste transportation documents, and multiple purchase orders can be added to a single waste transportation document. You can add purchase orders to the waste transportation document, but not remove them, if that document is in *Submitted* status. You can't add or remove purchase orders from the waste transportation document if the document is in status *Disposal*

Confirmed or *Historical*. You can add purchase orders to a waste transportation document only if the purchase orders are assigned to the same waste disposal channel to which the waste transportation document belongs.

Adding purchase orders is not required to create a waste transportation document and to continue with the process of waste disposal.

> **Note**
>
> *Environmental Managers* can only search and add purchase orders to waste transportation documents. Creating, editing, and deleting purchase orders is available in the *Manage Purchase Orders* app (`F0842A`) for business users with the following business catalog assigned: *Materials Management - Purchase Orders* (`SAP_MM_BC_PO_MANAGE_PC`). This business catalog is assigned to the *Central Purchaser* (`SAP_BR_CENTRAL_PURCHASER`) business role.

Implementation Details

Authorizations

To enable users to navigate from the already added purchase orders in the *My Waste Transportation Documents* app to the overviews of the purchase orders in the *Manage Purchase Orders* app, they need to have a business user with the following business catalog assigned: *Materials Management - Purchase Orders* (`SAP_MM_BC_PO_MANAGE_PC`). This business catalog is assigned to the *Central Purchaser* (`SAP_BR_CENTRAL_PURCHASER`) business role.

Related Information

For more information about the app, see My Waste Transportation Documents.

For more information on waste transportation documents, see Waste Transportation Documents.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F5290` (*My Waste Transportation Documents*)
Application Component	`EHS-SUS-WA` (*Waste Management*)

Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

6.1.4.5 Integration of Purchase Orders into Disposal Channels

Business Details

With this feature, as an *Environmental Manager*, you can search for and assign existing purchase orders directly to waste disposal channels in the *Manage Waste Disposal Channels* (F6543) app. This feature helps you better track approved budgets and contracts with business partners for transporting and disposing of waste.

In the *Manage Waste Disposal Channels* app, the overview of a waste disposal channel includes a new section displaying the purchase orders that are assigned to that disposal channel. When you edit a disposal channel, you can search for and assign purchase orders to the disposal channel.

A single purchase order can be assigned to multiple disposal channels, and multiple purchase orders can be assigned to a single disposal channel. All purchase orders, except those with *Draft*, *Rejected*, or *Deleted* statuses, can be assigned to disposal channels. Purchase orders need to have the same company code as the disposal channel, so that they can be assigned to that disposal channel.

Assigning purchase orders to a disposal channel is not required to activate a disposal channel and to continue with the process of waste disposal.

> **Note**
>
> *Environmental Managers* can only search and assign purchase orders to waste disposal channels. Creating, editing, and deleting purchase orders is available in the *Manage Purchase Orders* (F0842A) app for business users with the following business catalog assigned: *Materials Management - Purchase Orders* (SAP_MM_BC_PO_MANAGE_PC). This business catalog is assigned to the *Central Purchaser* (SAP_BR_CENTRAL_PURCHASER) business role.

Implementation Details

Authorizations

To enable users to navigate from the already assigned purchase orders in the *Manage Waste Disposal Channels* app to the overviews of the purchase orders in the *Manage Purchase Orders* app, they need to have a business user with the following business catalog assigned: *Materials Management - Purchase Orders* (SAP_MM_BC_PO_MANAGE_PC). This business catalog is assigned to the *Central Purchaser* (SAP_BR_CENTRAL_PURCHASER) business role.

Related Information

For more information about the app, see Manage Waste Disposal Channels - Waste Management.

For more information on waste disposal channels, see Waste Disposal Channels.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F6543 (*Manage Waste Disposal Channels*)
Application Component	EHS-SUS-WA (*Waste Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

6.1.4.6 New Type of Waste Transportation Document

Business Details

With this feature, you can create a new type of waste transportation document. The new *Waste Disposal Document* (*WDD*) is a globally applicable solution for generating waste transportation records. It's suitable for cases where there are no specific legal requirements regarding the type of waste being transported or in regions without established regulations for waste transportation.

When you create a new disposal channel in the *Manage Waste Disposal Channels* (F6543) app, after selecting the relevant disposal facility, you are able to see and select the new available waste transportation document type. In the *My Waste Transportation Documents* (F5290) app, after setting the waste transportation document of type *WDD* to status *Scheduled Transportation*, you will be able to generate a PDF file of the document, as expected.

Implementation Details

Customizing

You can find the new *Waste Disposal Document* under the `S_WDD` *Type ID* in the following customizing activity: *Specify Waste Transportation Document Types*. You can customize the document to meet your specific business requirements.

Related Information

You can find more information in the product assistance for *Waste Management*.

- For more information about the apps, see:
  - Manage Waste Disposal Channels - Waste Management
  - My Waste Transportation Documents
- For more information on waste transportation documents, see Waste Transportation Documents.
- For more information on how to generate forms, see:
  - Generating Forms
  - Output Management for Waste Transportation Documents

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App IDs: `F6543` (*Manage Waste Disposal Channels - Waste Management*) `F5290` (*My Waste Transportation Documents*)
Application Component	`EHS-SUS-WA` (*Waste Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

6.1.4.7 Configuration for Waste Management

With this release, the *Specify Waste Transportation Document Types* customizing activity has been enhanced with the new *Specify Document Types Country Restrictions* subnode.

You can use this subnode to define in which countries and regions specific types of waste transportation documents must **not** be available. You can apply these restrictions only to document types that do **not** have a country or region specified in the customizing activity.

You can find the activity in Customizing under *Environment, Health, and Safety* > *Waste Management* > *Transportation Documents* > *Specify Waste Transportation Document Types*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Application Component	`EHS-SUS-WA` (*Waste Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

6.1.5 Management of Change

6.1.5.1 Location Assignment in Management of Change

Business Details

This feature enables you to assign locations to change requests to indicate the physical or functional area affected by the proposed change. Each change request must have at least one location assigned (leading location). Locations facilitate effective planning and communication by allowing you to identify all personnel, equipment, and processes involved in the change. Additionally, the *Manage Locations* app (`EHFND_UI_LOC_ENTRY`) has been added to the launchpad and enables you to create and edit locations that you can then assign to change requests.

Locations are added to change requests as related objects of the *Location* type. While multiple locations may be associated with a change request, only one is set as the *Leading Location*.

Assigning a location is also required for child change requests. When you create a child change request, the leading location is proposed as the location of the child change request, but you can assign a different location.

The following changes are introduced in the apps of *Management of Change*:

- *Create Change Request* (`/MOC/WDA_CHANGE_REQUEST`)
  The *Leading Location* field is added to the *Object Information and Dates* section. The *Related Locations* section is added to the *References* section.
- *Manage Change Requests* (`F3406`)
  The *Leading Location* and *Related Locations* fields are added as filters and as columns in the *Change Requests* table.
- *Manage Change Activities* (`F3405`)
  The *Change Request Location* field is added as a filter and column in the *Activities* table.
- *Change Requests Dashboard* (`F5760`)
  The *Leading Location* field is added as a filter and column in the *Change Requests* table.
- *Change Activities Dashboard* (`F5761`)
  The *Change Request Location* field is added as a filter and column in the *Change Activities* table.
- *Change Requests and Activities - Detailed Analysis* (`F5469`)
  The *Location* related object type is added.

Implementation Details

To be able to use this feature, you need to create locations in your system. For more information, see Locations.

Effects on Existing Data

The *Leading Location* field is only available for newly created change requests. Entering a location is not required for existing change requests.

Related Information

For more information on using locations in *Management of Change*, see Location.

For information on key features of the *Manage Locations* app, see Manage Locations.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App IDs: `/MOC/WDA_CHANGE_REQUEST` (*Create Change Request*) `F3406` (*Manage Change Requests*) `F3405` (*Manage Change Activities*) `F5760` (*Change Requests Dashboard*) `F5761` (*Change Activities Dashboard*) `F5469` (*Change Requests and Activities - Detailed Analysis*)
Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

6.1.5.2 Visualizing and Exporting Change Logs for Change Requests and Activities

Business Details

This feature enables you to track and visualize historical changes made to change requests and activities, providing a comprehensive audit trail of all modifications.

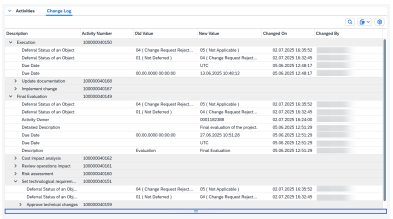
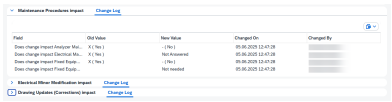
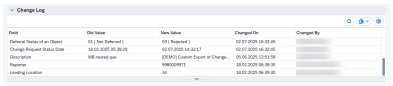
The new *Show Change Log* button displays a *Change Log* section for the entire change request as well as *Change Log* tabs for the *Activities* section and each questionnaire section. The change log includes: the updated field, the old and new values, the user, and the date and time of the change.

Additionally, you can export the information from each change log to a spreadsheet.

Examples of the User Interface

The following screenshots show how changes are displayed in a change request.

> → Tip
>
> To view the screenshots in a larger format, select the *(zoom-in)* button on each image.

Activities Change Log	Questionnaire Change Log	Change Request Change Log
		

> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

Implementation Details

Effects on Existing Data

This feature is also available for existing change requests. In addition to new changes, changes made before the update will also be included in the new *Change Log* sections.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App IDs: `/MOC/WDA_CHANGE_REQUEST` (*Edit Change Request*) `/MOC/WDA_ACTIVITY` (*Edit Change Activity*)
Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Displaying Changes in Objects in Management of Change

6.1.5.3 Configurable Dialog Prompts for Status Changes Requiring Justification

Business Details

With this feature, you can configure which user status actions or business object actions require users to document the reason for changing the status of a change request or activity. When an action requires justification, a dialog with a text field prompts users to specify the reason for the action. Entering a reason ensures that all changes are properly documented and can be reviewed later if needed, promoting transparency, accountability, and regulatory compliance.

In the *Edit Change Request* app (`/MOC/WDA_CHANGE_REQUEST`) and the *Edit Change Activity* app (`/MOC/WDA_ACTIVITY`), users can perform different actions depending on the specific workflow and configuration. In addition to the standard business object actions, such as *Reject*, *Approve*, *Hold*, and *Set to Not Relevant*, user status actions may be defined for change requests and activities. In the new configuration activity *Specify Status Change Actions Requiring Justification*, you can specify the user status actions and business object actions that require users to enter a reason for changing the status of a change request or activity. When a user selects such an action, the *Status Change* dialog is displayed, prompting the user to enter the reason for the status change.

Implementation Details

The following prerequisites must be fulfilled:

- You have created the relevant status actions in the *Define User Status Actions* activity.
- You have assigned the user status actions to a status profile in the *Define User Status Profiles* activity.
- You have assigned user status profiles to the relevant change request types and activity types in the *Define Change Request Types* and *Define Activity Type* activities.

Customizing

To configure which actions require justification, carry out the following activity: *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Management of Change* > *Specify Status Change Actions Requiring Justification*.

For more information, see Setting Up Dialog Prompts for Status Changes Requiring Justification.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App IDs: `/MOC/WDA_CHANGE_REQUEST` (*Edit Change Request*) `/MOC/WDA_ACTIVITY` (*Edit Change Activity*) Configuration activity: `/IAM/VC_REASONING` (*Specify Status Change Actions Requiring Justification*)
Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

6.1.5.4 Activity Dependencies in Change Requests

Business Details

With this feature, you can manage the sequence of change activities to ensure they're completed in a logical order, considering dependencies and priorities. You determine the initial order of activities within a change request by specifying the relevant predecessors of activity templates for each hierarchy level in the Customizing activities *Define Activity Templates* and *Define Change Request Types*. You can also adjust and optimize the sequence of activities for individual change requests anytime using the *Set Predecessor* button in the *Edit Change Request* and *Edit Change Activity* apps.

Implementation Details

Customizing

The *Predecessor* column has been added under *Assign Activity Templates* in the following activities under *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Management of Change*:

- *Define Activity Templates*
- *Define Change Request Types*

You can use the *Predecessor* column to enter the predecessor of an activity template where needed.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App IDs: `/MOC/WDA_CHANGE_REQUEST` (*Edit Change Request*) `/MOC/WDA_ACTIVITY` (*Edit Change Activity*)
Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

6.1.5.5 Definition of Administrator Roles for Activities

Business Details

With this feature, you can enable users who aren't directly involved in a change activity to edit it and perform actions, such as approving, completing, or holding the activity. These actions can otherwise only be performed by the people involved in the activity, such as the activity owner. You can grant administrative rights to any roles previously specified in the *Define Partner Role* configuration activity. People who are assigned these roles in a change request can then take over all actions related to the activities of the change request, if needed.

To allow specific partner roles to perform actions that are typically reserved for people involved in an activity, add these roles in the `/IAM/V_ADMINROLE` (*Administrator Roles for Management of Change*) view. First, ensure the roles are available in the *Define Partner Role* configuration activity. When you assign the corresponding partner roles in a change request, individuals with these roles can perform the activities associated with the change request.

Implementation Details

Customizing

If necessary, you can specify additional partner roles in the *Define Partner Role* activity in Customizing under *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Management of Change* > *Define Partner Role*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`/IAM/V_ADMINROLE`
Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Perform Activities

6.1.5.6 Enhancements for Management of Change

Business Details

This feature includes enhancements that improve the overall user experience in *Management of Change*.

Here are the enhancements introduced:

- The *Completion Date* field is now available as a read-only field the *Activity Information* section in the *Edit Activity* app and in the *Activities* hierarchy in the *Edit Change Request* app. When you complete an activity, the completion date is automatically set to the current date. When you reopen a completed activity, the value in the *Completion Date* field is cleared.
  The *Completion Date* field is also added to the *Activities* overview in the *Manage Change Activities* app, and you can now filter activities by their completion date.
- In the *Edit Change Request* app, the *Notes* column is added to the *Activities* hierarchy. You no longer need to open each activity separately to review notes. Simply hover over the icon to display all notes within the change request. The notes are displayed in a QuickView popover starting with the newest entries.
- The *Edit Change Request* app, now features a *Long Description* field, allowing you to enter a description of up to 1024 characters. The existing *Description* field is limited to 40 characters.
  In addition, the *Long Description* field is available as a filter in the *Manage Change Requests* app. You can also search for the complete text or parts of it using the search field.
- The *Sort Field* field is now available in the search help for equipment and functional locations and you can use it to easily find objects of these types when adding them in a change request.
- The *Last Changed By* and *Last Changed On* fields are added to the *Manage Change Requests* and the *Manage Change Activities* app.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F3406` (*Manage Change Requests*) App ID: `F3405` (*Manage Change Activities*)
Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

6.1.5.7 Customizing Activity: Define BRFplus Applications and Functions

Business Details

With this feature, you can assign a BRFplus application and function to a specific type of change request. The BRFplus application and function are used for data determination based on the specified purpose, for example, determining the activities that are created automatically in a change request of a specific type.

Implementation Details

Customizing

You can find the new activity under *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Management of Change* > *Define BRFplus Applications and Functions*.

Effects on Existing Data

Your settings from the *Define Change Request Types* activity still apply. The configuration in the new *Define BRFplus Applications and Functions* activity is considered only if no BRFplus application and function are defined in the *Function for Determination* and *Application for Determination* fields of the *Define Change Request Types* activity.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`/IAM/V_BRF_MOC`
Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

6.2 Production Engineering

6.2.1 CDS Views for Basic Work Center Data

Business Details

New CDS views were released for *Production Engineering* under the *Basic Work Center Data* area.

Some of these CDS views have been enabled for data extraction and can provide data extraction for SAP Business Data Cloud data products.

For more details on delivered data products, see Data Products for SAP S/4HANA Manufacturing.

For more information, see SAP Note 3593337.

The following table summarizes the CDS views that were released or changed for *Production Engineering* under the *Basic Work Center Data* area.

New CDS Views Released for Basic Work Center Data

Name	Technical Name	Details
Work Center Capacity Intervals	`I_WorkCenterCapIntvl_4`	Work Center Capacity Intervals
Workcenter Capacity Shift Details	`I_WorkCenterCapacityShift_4`	Workcenter Capacity Shift Details
Work Center Capacity	`I_WorkCenterCapacity_3`	Work Center Capacity
Work Center Hiererchy Header	`I_WorkCenterHierHeader`	Work Center Hiererchy Header
Work Center Hiererchy Header Text	`I_WorkCenterHierarchyHeaderTxt`	
Work Center Hierarchy Structure	`I_WorkCenterHierStructure`	Work Center Hierarchy Structure
Work Center Pooled Capacity Allocation	`I_WorkCenterPooledCapAlloc`	Work Center Pooled Capacity Allocation

Name	Technical Name	Details
Work Center Quantity Calculation Formula	`I_WorkCenterQtyCalcFormula`	Work Center Quantity Calculation Formula
Work Center Quantity Calculation Formula - Text	`I_WorkCenterQtyCalcFormulaText`	
Operation Setup Group Category	`I_OperationSetupGroupCategory`	Operation Setup Group Category
Operation Setup Group Category - Text	`I_OperationSetupGroupCatText`	

The following table summarizes the CDS views that were updated with field additions for *Production Engineering* under the *Basic Work Center Data* area.

CDS Views Changed for Basic Work Center Data

Name	Technical Name	Details
Work Center	`I_WorkCenter`	Work Center
Work Center Cost Center	`I_WorkCenterCostCenter`	Work Center Cost Center
Work Center Text	`I_WorkCenterText`	Work Center Text

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	CDS View:
	`I_WorkCenter`
	`I_WorkCenterCapIntvl_4`
	`I_WorkCenterCapacityShift_4`
	`I_WorkCenterCapacity_3`
	`I_WorkCenterCostCenter`
	`I_WorkCenterCostCenter`
	`I_WorkCenterHierarchyHeaderTxt`
	`I_WorkCenterHierarchyHeaderTxt`
	`I_WorkCenterPooledCapAlloc`
	`I_WorkCenterText`
	`I_WorkCenterQtyCalcFormula`
	`I_WorkCenterQtyCalcFormulaText`
	`I_OperationSetupGroupCategory`
	`I_OperationSetupGroupCatText`

Application Component	`PP-VDM` (*Virtual Data Model in PP*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

6.2.2 CDS Views for Basic Routing Data

Business Details

New CDS views were released for *Production Engineering* under the *Basic Routing Data* area.

Some of these CDS views have been enabled for data extraction and can provide data extraction for SAP Business Data Cloud data products.

For more details on delivered data products, see Data Products for SAP S/4HANA Manufacturing.

For more information, see SAP Note 3593337.

The following table summarizes the new CDS views that were released for *Production Engineering* under the *Basic Routing Data* area.

New CDS Views Released for Basic Routing Data

Name	Technical Name	Details
Production Routing Component Allocation	I_ProdnRoutingCompAllocDEX	Production Routing Component Allocation
Production Routing Material Assignment	I_ProdnRoutingMatlAssgmtDEX	Production Routing Material Assignment
Production Routing Operation Subordinate Operation	I_ProdnRoutingOpSubordOpDEX	Production Routing Operation Subordinate Operation
Production Routing Sequence	I_ProdnRoutingSequenceDEX	Production Routing Sequence
Production Routing Document PRT Assignment	I_ProdnRtgDocPRTAssgmtDEX	Production Routing Document PRT Assignment
Production Routing Equipment PRT Assignment	I_ProdnRtgEquipPRTAssgmtDEX	Production Routing Equipment PRT Assignment
Production Routing Inspection Characteristic Assignment	I_ProdnRtgInspCharcAssgmtDEX	Production Routing Inspection Characteristic Assignment
Production Routing Material PRT Assignment	I_ProdnRtgMatlPRTAssgmtDEX	Production Routing Material PRT Assignment
Production Routing Inspection Characteristic Assignment	I_ProdnRtgInspCharcAssgmtDEX	Production Routing Inspection Characteristic Assignment
Production Routing Miscellaneous PRT Assignment	I_ProdnRtgMiscPRTAssgmtDEX	Production Routing Miscellaneous PRT Assignment
Bill of Operations Sequence Operation Assignment	I_ProdnRtgSqncOpAssgmtDEX	Bill of Operations Sequence Operation Assignment
Production Routing Main Header	I_ProductionRoutingDEX	Production Routing Main Header
Production Routing Header	I_ProductionRoutingHeaderDEX	Production Routing Header

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	CDS View:
	`I_ProdnRoutingCompAllocDEX`
	`I_ProdnRoutingMatlAssgmtDEX`
	`I_ProdnRoutingOpSubordOpDEX`
	`I_ProdnRoutingSequenceDEX`
	`I_ProdnRtgDocPRTAssgmtDEX`
	`I_ProdnRtgEquipPRTAssgmtDEX`
	`I_ProdnRtgInspCharcAssgmtDEX`
	`I_ProdnRtgMatlPRTAssgmtDEX`
	`I_ProdnRtgInspCharcAssgmtDEX`
	`I_ProdnRtgMiscPRTAssgmtDEX`
	`I_ProdnRtgSqncOpAssgmtDEX`
	`I_ProductionRoutingHeaderDEX`
	`I_ProductionRoutingDEX`

Application Component	`PP-VDM` (*Virtual Data Model in PP*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

6.2.3 OData API: Production Routing (Version 3)

Business Details

With the OData API *Production Routing (Version 3)* (`API_PRODUCTION_ROUTING`), you can view all the details of production routing. Version 3.0.0 of the OData API has been made available as of this release.

The OData API supports the following entities.

Entity	Description	Link to Details
Header	Contains header information of routings.	Header (Version 3)
Material Assignment	Contains details of the assigned material of a routing.	Material Assignment (Version 3)
Sequence	Contains sequence number of a routing.	Sequence (Version 3)

Entity	Description	Link to Details
Operation	Contains details of operations of a routing.	Operation (Version 3)
Operation Component Allocation	Contains details of the components allocated to an operation.	Operation Component Allocation (Version 3)
Sub-Operation	Contains details of sub-operations of an operation.	Sub-Operation (Version 3)
Equipment PRT Assignment	Contains details of Equipment PRT assignment to Operation.	Equipment PRT Assignment (Version 3)
Material PRT Assignment	Contains details of Material PRT assignment to Operation	Material PRT Assignment (Version 3)
Miscellaneous PRT Assignment	Contains details of Miscellaneous PRT assignment to Operation	Miscellaneous PRT Assignment (Version 3)
Document PRT Assignment	Contains details of Document PRT assignment to Operation	Document PRT Assignment (Version 3)
Inspection Characteristics Assignment	Contains details of Inspection Characteristics PRT assignment to Operation	Inspection Characteristics (Version 3)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_PRODUCTION_ROUTING`
Application Component	`PP-BD-RTG` (*Production Routing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Production Routing (Version 3)

6.2.4 Objects Released for Developer Extensibility in Production Engineering

With the objects released in Production Engineering, you have a stable interface to access data from SAP S/4HANA when building custom applications or extensions with developer extensibility. You can integrate the released objects in your custom code or extend them at predefined extension points. Depending on your use case, different object types are provided (such as BAdIs, CDS views, business object interfaces). You find all the released objects in the ABAP Development Tools (ADT), when you're connected to SAP S/4HANA.

Additional Details

The following table summarizes the objects that have been added, changed, or deprecated for developer extensibility with the current release.

Objects Added, Changed, or Deprecated for Developer Extensibility

Object Type	End-User Name	Technical Name	Type	Details
Business object interface	Production Routing BO	`I_PRODUCTIONROUTINGTP_2`	New	With this business object you can view all the details, create, update, delete production routing details.

Developer extensibility allows you to create development projects in SAP S/4HANA by using ABAP Development Tools for Eclipse. This gives you the opportunity to build extensions, services, and SAP Fiori apps using the complete set of ABAP Cloud features released for SAP S/4HANA, for example, with the ABAP RESTful Application Programming model, http services, and ABAP objects. For more information about the released objects and how to find them, see Released Development Objects.

Effects on System Administration

For more information about the authorizations required for working with the development objects released for developer extensibility, see Configure Authorizations.

6.3 Production Planning

6.3.1 CDS Views for Production Planning

Business Details

New CDS views were released for *Production Planning*.

The following table summarizes the new CDS views that were released for *Production Planning* under the *Material Requirements Planning* area.

New CDS Views Released for Production Planning

Name	Technical Name	Details
MRP Exception Message	`I_MRPExceptionMessage`	MRP Exception Message
MRP Exception Message - Text	`I_MRPExceptionMessageText`	
MRP Element Category	`I_MRPElementCategory`	MRP Element Category
MRP Element Category - Text	`I_MRPElementCategoryText`	
MRP Selection Group for Exception Messages	`I_MRPExcptnMessageSelGroup`	MRP Selection Group for Exception Messages
MRP Selection Group for Exception Messages - Text	`I_MRPExcptnMessageSelGroupText`	
Planning Strategy Group	`I_PlanningStrategyGroup`	Planning Strategy Group
Action Control for Planned Order - Value Help	`I_PlannedOrderActionControlVH`	Action Control for Planned Order - Value Help
Scheduling Float Profile - Value Help	`I_SchedulingFloatProfileVH`	Scheduling Float Profile - Value Help
Processing Action for Planned Order	`I_PlannedOrderProcgAction`	Processing Action for Planned Order
Processing Action for Planned Order - Text	`I_PlannedOrderProcgActionText`	

The following table summarizes the CDS views that were updated with field additions for *Production Planning* under the *Material Requirements Planning* area.

CDS Views Changed for Production Planning

Name	Technical Name	Details
Material Procurement Profile	`I_MatlProcurementProfile`	Material Procurement Profile
MRP Area Planning File Entry	`I_MRPAreaPlanningFileEntry`	MRP Area Planning File Entry

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	CDS View:
	`I_MRPExceptionMessage`
	`I_MRPExceptionMessageText`
	`I_MRPElementCategory`
	`I_MRPElementCategoryText`
	`I_MRPExcptnMessageSelGroup`
	`I_MRPExcptnMessageSelGroupText`
	`I_PlannedOrderActionControlVH`
	`I_PlanningStrategyGroup`
	`I_SchedulingFloatProfileVH`
	`I_PlannedOrderProcgAction`
	`I_PlannedOrderProcgActionText`
	`I_MRPAreaPlanningFileEntry`
	`I_MatlProcurementProfile`

Application Component	`PP-VDM` (*Virtual Data Model in PP*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

6.3.2 Material Requirements Planning

6.3.2.1 Planning Time Fence and Last MRP Run

Business Details

The *Manage Material Coverage (F0251 and F0251A)* apps have been enhanced to include information about the last MRP run, and information about the planning time fence or manual firming date of a material.

Last MRP Run

The *Manage Material Coverage* apps now contain an additional column called *Last MRP Run* which specifies the date and time at which the last MRP run was performed for a material. You can also view this information from the *Material Information* tab.

You can also use the *Last MRP Run* filter to only display materials for which an MRP run was performed on a specific date or during a certain time range.

Planning Time Fence and Manual Firming Date

You can use a planning time fence to protect procurement proposals from automatic changes during the MRP planning run. If a planning time fence is defined in the material master data or for the MRP group a material is assigned to, the system can automatically firm the following types of receipt elements, depending on the firming type of the material:

- Purchase Requisitions
- Planned Orders
- Delivery Schedule Lines

The same applies to materials with a manual firming date. If the manual firming date is after the end of the planning time fence, the system uses this date to determine which elements are firmed.

For materials with a planning time fence or manual firming date, the stock / requirements list in the *Manage Material Coverage* apps now displays a separate row to indicate that a planning time fence or manual firming date is assigned, and to provide information about the corresponding dates. This way, you can easily check which elements have been firmed automatically, because their availability date is before the end of the planning time fence or manual firming date. If you want to adapt the manual firming date for a material, you can also edit it directly from the new row. The changes are immediately reflected in the stock / requirements list.

> **Note**
>
> You can also implement this feature in the 2023 release. Learn more in SAP Note 3586336.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: • `F0251A` • `F0251`
Application Component	`PP-FIO-MRP` (*Fiori UI for Material Requirements Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Related Information

Planning Time Fence
Manual Firming Date

6.3.2.2 Accept Planning Result of MRP Run

Business Details

With this feature, you can accept the planning result of the MRP run, in cases where the production planner chooses to ignore material issues.

This feature provides the following enhancements:.

- In the *Manage Material Coverage (F0251A and F0251)* apps, you can accept the planning result of the MRP run for the selected material at the plant and MRP area level using the *Accept MRP Result* button. Subsequently, you can revoke the acceptance of the planning result of the MRP run using the *Revoke Acceptance* button.
- The *Monitor Material Coverage - Net Segments (F0247A)* and *Monitor Material Coverage - Net and Individual Segments (F2101A)* apps now contain an additional filter and column named *MRP Result Accepted* to identify materials based on the status of their MRP run result acceptance.
- You can accept and subsequently, revoke the acceptance of the planning result of the MRP run from the *Display Stock/Requirements Situation* (`MD04`) and *Current Material Overview* (`MD07`) transactions.

> ⓘ Note
>
> When the next MRP planning run is performed, the system may reset the acceptance, depending on the type of planning run:
>
> - If you perform a net change run, the status is only reset for materials that have MRP-relevant changes and are therefore, included in the planning.
> - If you perform a regenerative planning run, the status is reset for all materials.

> ⓘ Note
>
> You can also implement this feature in the 2023 release. Learn more in SAP Note 3576000.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: • `F0247A` • `F02101A` • `F0251A` • `F0251`
Application Component	`PP-MRP` (*Material Requirements Planning*) `PP-FIO-MRP` (*Fiori UI for Material Requirements Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Monitor Material Coverage - Net and Individual Segments
Manage Material Coverage (F0251)
Manage Material Coverage (F0251A)

6.3.2.3 Rescheduling Proposals for MRP Elements

Business Details

With this feature, the *Monitor Material Coverage - Net Segments (F0247A)* and *Monitor Material Coverage - Net and Individual Segments (F2101A)* apps were enhanced to display information about the number of rescheduling proposals that are available for a material in the *Manage Material Coverage (F0251A and F0251)* apps.

When you perform a rescheduling check for a material, the system can determine and propose actions for MRP elements to make sure requirements can be covered as planned. The *Monitor Material Coverage* apps now include additional columns that display the number of rescheduling proposals that are available for the MRP elements of a material in the *Manage Material Coverage* apps:

- Reschedule In
  This column displays the number of proposals to reschedule MRP elements to an earlier date.

- Reschedule Out
  This column displays the number of proposals to reschedule MRP elements to a later date.
- Cancel Process
  This column displays the number of proposals to cancel MRP elements that are no longer required.
- Rescheduling Proposals
  This column displays the sum of all rescheduling proposals that are available for a material.

You can use the *Manage Material Coverage* apps to display details about the rescheduling proposals and perform the proposed actions as required.

> **Note**
>
> You can also implement this feature in the 2023 release. Learn more in SAP Note 3586336.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: • `F0247A` • `F02101A` • `F0251` • `F0251A`
Application Component	`PP-FIO-MRP` (*Fiori UI for Material Requirements Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Monitor Material Coverage - Net and Individual Segments
Actions for Material Coverage Issues

6.3.2.4 Obsoletion of Monitor Material Coverage - Net and Individual Segments (F2101)

Business Details

The deprecated app *Monitor Material Coverage (F2101)* has been obsoleted as of this release.

All customers who have not yet moved to the new *Monitor Material Coverage (F2101A)* app need to act immediately and provide their users access to this app. For more information, refer to the **Implementation Details – Authorizations** section below.

Implementation Details

Authorizations

To enable users to access the new app, their business users need to have the following business catalog assigned: *Production Planning - MRP Cockpit* (`SAP_SCM_BC_MRPCOCKPIT_MC`).

Technical Details

Type	Deleted
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID (predecessor): `F2101` App ID (successor): `F2101A`
Application Component	`PP-FIO-MRP` (*Fiori UI for Material Requirements Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

6.3.2.5 Business Transaction Events in MRP Live

Business Details

This feature enables materials relevant for SAP Integrated Business Planning (SAP IBP) or Production Planning and Detailed Scheduling (PP/DS) integration to be planned using MRP live, followed by triggering the Business Transaction Events (BTEs) for documents created during post-processing.

Previously, since BTEs were not supported in MRP live, for materials relevant for IBP/PPDS integration, even in cases where the MRP Live transaction was used for planning, an internal switch would happen, and the materials would only be planned in classic ABAP. With this feature, BTE events are now also generated during the MRP Live run. MRP live improves performance by avoiding unnecessary data transfer between the database server and the application server.

In the transaction `PPHMRPSET`, a new field named *Planning for IBP/PPDS Material* has been introduced. The dropdown associated with the field allows you to select an option so that materials relevant for IBP/PPDS integration can be planned using MRP Live.

The dropdown options are as follows:

- *In HANA Live*: Material planning happens using SQL-script procedures and BTEs are triggered from ABAP.
- *In MRP Classic*: Material planning and triggering of BTEs happens using ABAP Logic.

The default value of the dropdown is in *In MRP Classic*. You will have to choose In HANA Live from the dropdown to enable this feature.

Materials with *MRP Type* `X0` (*MRP Procedure* `X`) will still be planned using classic MRP and the above configuration will have no impact.

For more information about the enhancements, see SAP note 3616412.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PP-MRP` (*Material Requirements Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

6.3.2.6 BAdI for Adjustment of Planned Order Component Data during BOM Explosion

Business Details

With this new Business Add-In (BAdI), *Adjustment of Planned Order Component Data during BOM Explosion* (`PPH_PLDORD_COMP_ADJ`), you can modify the storage location and production supply area of components in planned orders during BOM explosion in the following processes:

- Planning run of material requirements planning and master production scheduling
- Manual planned order creation
- Backflush for repetitive manufacturing without planned order

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`PPH_PLDORD_COMP_ADJ`
Application Component	`PP-MRP` (*Material Requirements Planning*) `PP-PLO` (*Planned Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

6.3.2.7 BAdI for Allowing Additional Parameters for Navigation Profile

Business Details

With this new Business Add-In (BAdI), *Additional Parameters for Navigation Profile* (`MD-NAVIGATION_ADJUST`), you can change the parameter IDs for transactions which are maintained in Customizing activity *Define Navigation Profiles*.

Navigation profiles enable you to navigate faster and more flexibly between transactions. This BAdI offers the possibility to use more than only three parameter IDs.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`MD_NAVIGATION_ADJUST`
Application Component	`PP-MRP` (*Material Requirements Planning*) `PP-MRP-PE` (*Planning Evaluation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

6.4 Extended Production Planning and Scheduling

6.4.1 New App: Adjust Fill Levels

Business Details

You can now use the *Adjust Fill Levels* SAP Fiori app. With this app, you as a Production Planner can adjust current fill levels of storage resources used for tank planning in Production Planning and Detailed Scheduling (PP/DS), for example, if the actual fill level differs from the posted fill level or if you want to modify the fill level of a storage resource in an inactive planning version.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`SCM-APO-PPS` (*Production Planning and Detailed Scheduling*)

Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Adjust Fill Levels
Adjusting Fill Levels
Tank Planning with Container Resources

6.4.2 Enhancements for Tank Planning with Container Resources

Business Details

You can now use the following new features for Tank Planning with Container Resources:

- You can now adjust fill levels of storage resources used for tank planning, for example, if the actual fill level differs from the posted fill level or if you want to modify the fill level of a storage resource in an inactive planning version. You can use the new *Adjust Fill Levels* SAP Fiori app or report *Adjust Fill Levels (Mass-Enabled)* (`/SAPAPO/FLA_MASS_ACTIONS`, transaction `/SAPAPO/FLA_MASS`) .
- The strategy setting *Allow Switching Locations* is now also supported. With this option, you can control whether the system can switch the location of a component during scheduling in case the storage resource for a component is defined for a different location (MRP area).
- The *Where-Used List* (transaction `WUF`) that is required, for example, if you want to deactivate a location product for *Advanced Planning*, now also finds usages of the location product in an MRP area in orders with inactive product flows. To correct these usages, you can now use report *Replace MRP Area in Inactive Product Flows with Plant* (`/SAPAPO/PRODFLOW_PEGID_CORR`). The report replaces the MRP area with the plant.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable

Application Component	SCM-APO-PPS (*Production Planning and Detailed Scheduling*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Tank Planning with Container Resources
Adjusting Fill Levels
MRP Areas in Tank Planning

6.4.3 Advanced Scheduling Board

Business Details

The Advanced Scheduling Board (ASB) app has been enhanced to improve the usability and interaction with planning objects. In this release, a *Configuration Profile* has been introduced, allowing you to set the colors for the objects in Gantt charts, making it easier to visualize complex planning information. You can now manage graphical objects and elements, customize operational data in scheduling charts, and visually differentiate them.

See the Additional Details section for more information.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: F5460
Application Component	SCM-APO-PPS-DS (*Detailed Scheduling*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Additional Details

Alerts	• "*Auto-R* • "*Consid* • New vis • Alert Pa
Operation Information panel	• Auto-ex • Auto-Re
Fill Level Curve	Visual displa *Show Fill Lev*
Maximize Chart	Gantt toolba
Export to PDF	"*Save*" butto
Minor enhancements	• New Do • Auto Fo • Fill and • GR/GI s • Additior • Shortcu

Related Information

Advanced Scheduling Board
ASB Configuration Profile
Fill Level Curve

6.4.4 Integration of Flexible Constraints into Production Planning Optimizer

Business Details

Production Planning Optimizer (PPO) now offers enhanced planning capabilities through the integration of Flexible Constraints at the location-product level, allowing supply plans to be generated within defined limits. These constraints apply to specific time periods, enforcing both a minimum required quantity of receipts and a maximum threshold on total receipts within each period, allowing for more precise and controlled planning.

Key Benefits:

- **Minimum Supply Assurance**: During periods of low demand or excess capacity, the system maintains a baseline supply level for each product. This prevents complete production halts, ensures readiness when demand returns, and allows a **steady flow of orders to vendors**, helping to:

    - Prevent disruption of upstream supply chains
    - Maintain active relationships with suppliers
    - Provide operational stability for vendors, encouraging long-term collaboration and reliability
- **Controlled Maximum Supply**: During high-demand periods, upper limits ensure that no single product monopolizes available capacity, preserving bandwidth for other products and preventing overcommitment of resources. This ensures **fair distribution of resources across products**.
- **Smoothed Supply Patterns**: By enforcing supply boundaries, the system minimizes extreme fluctuations in planned supply volumes—avoiding large spikes or sudden drops—which leads to **greater predictability and planning accuracy**.

This approach allows planners to achieve a more balanced, resilient, and supplier-conscious production strategy.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`SCM-APO-PPS-PPO` (*Production Planning Optimizer*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Flexible Constraints in Production Planning Optimizer
Production Planning Optimization

6.4.5 Analytics and Data Extraction in Production Planning and Detailed Scheduling (PP/DS)

Business Details

We have developed new InA UI services and data extractors for the MLTB and Fill Level (Tank Planning) areas. The InA UI services enable you to monitor and analyze key performance indicators in PP/DS, helping you efficiently optimize storage resource planning, procurement, and production. The data extractors facilitate

the extraction of data from the SAP S/4HANA system into a data warehouse, enhancing reporting, auditing, analytics, and record-keeping.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`SCM-APO-PPS-ANA`
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS0

Related Information

Analytics in PP/DS

6.4.6 Enhancements for Manage Flexible Constraints for PP/DS

Business Details

New alert types for Monitoring of PP/DS Alerts: You can now monitor alerts specific to flexible constraints by creating a PP/DS alert profile with a targeted selection of alert types related to flexible constraints.

The following table contains descriptions of PP/DS alerts for flexible constraints:

Alert type	Description
Minimum supply constraint violated	The system generates this alert when the total supply quantity produced or procured for a product, location, source of supply, and time interval is less than the minimum supply constraint defined for that interval.
Target supply constraint violated	The system generates this alert when the total supply quantity produced or procured for a product, location, source of supply, and time interval is less than the target supply constraint defined for that interval.

Alert type	Description
Maximum supply constraint violated	The system generates this alert when the total supply quantity produced or procured for a product, location, source of supply, and time interval is greater than the maximum supply constraint defined for that interval.
Target supply constraint fulfilled	The system generates this alert when the total supply quantity produced or procured for a product, location, source of supply, and time interval is equal to the target supply constraint defined for that interval.

You can now also use new features for the *Manage Flexible Constraints for PP/DS* Fiori app:

- Download the selected active/current flexible constraints in an XLSX file
- Upload and update flexible constraints using an XLSX file

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`SCM-APO-PPS`
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS0

Related Information

Manage Flexible Constraints for PP/DS
Managing Flexible Constraints

6.4.7 Planning Version Dependent Time-Dependent Stock Levels

Business Details

Time-dependent safety and target stock levels are essential for managing variability caused by production disruptions, seasonal fluctuations, or other demand uncertainties. Previously limited to the active planning

version, this functionality has now been extended to inactive planning versions with PRC2025 FPS0, enabling more robust scenario planning in PP/DS without impacting operational plans.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	SCM-APO-PPS
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS0

Additional Details

The report /SAPAPO/TDS has been enhanced to support the definition of time-dependent stock levels across both active and inactive planning versions. Additionally, a new OData service API *Planning Version Dependent Time-Dependent Stock Levels for PP/DS* (PPDSPRODTDSTLV), available in the SAP API Hub, allows external integration.

Planning Version-dependent stock levels can also be visualized in several PP/DS applications and can be leveraged during production planning using various heuristics.

Related Information

Planning Version Dependent Time-Dependent Stock Levels for PP/DS
Stock Level Planning
Time-Dependent Stock Levels and Penalties

6.4.8 Enhancements in Monitor Receipts app

Business Details

The *Monitor Receipts* app introduces several new features for Production planners, designed to enhance the management and execution of planning elements.

- Users can now **create** (single option), **edit** (single or mass processing), and **delete** (single or mass processing) receipt elements.
- **Additional actions** like order firming and order conversion are also provided, depending on the order life cycle and state.

See the *Additional Details* section for more information.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F8273`
Application Component	`SCM-APO-PPS-PVW` (*Monitor Receipts*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Additional Details

- You can now delete selected planned orders and purchase requisitions for specific Product Location combinations directly within the app. This helps in managing and cleaning up outdated or unnecessary planning elements.
- Planned orders can be converted into production/process orders and externally procured purchase requisitions or can be converted to purchase orders from the Fiori app. This enables the triggering of execution activities once planning is finalized.
- You can set and remove firming indicators for selected receipt elements (for example, planned orders, purchase requisitions, stock transfer requisitions). This provides control over whether these elements are overwritten by subsequent planning runs.
- You can modify the order quantity, availability date, and priority for selected receipt elements (if order type and status allow these changes).
- You can create new receipt elements (for example, planned orders, purchase requisitions, stock transfer requisitions) for Product Location combinations directly from the Fiori app. This allows for proactive coverage of supply shortages or plan adjustments.

Related Information

Monitor Receipts

6.4.9 Enhancements in Monitor Product Status app

Business Details

The *Monitor Product Status* Fiori app introduces two new features aimed at enhancing product monitoring and app extensibility for Production Planners, Key Users, and Developers. The app also provides an aggregated view of receipt and requirement elements, including warnings and exceptional situations for planning.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F7452`
Application Component	`SCM-APO-PPS-POV` (*Product Overview*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Additional Details

- Production Planners can now filter products based on characteristic values by utilizing the SAP *Visualization Profile*. This enables faster checking and processing of the planning situation for products with specific attributes.
- Key Users or Developers can now extend the *Monitor Product Status* Fiori app using standard BAdI. This enables the addition of custom fields, calculations, and logic without modifying the SAP core.

Related Information

Personalizing the App
Monitor Product Status

6.5 Production Operations

6.5.1 CDS Views for Discrete and Process Manufacturing

Business Details

New CDS views were released for *Production Operations* under the *Discrete and Process Manufacturing* area..

Some of these CDS views have been enabled for data extraction and can provide data extraction for SAP Business Data Cloud data products.

For more details on delivered data products, see Data Products for SAP S/4HANA Manufacturing.

For more information, see SAP Note 3593337.

The following table summarizes the new CDS views that were released for *Production Operations* under the *Discrete and Process Manufacturing* area.

New CDS Views Released for Discrete and Process Manufacturing

Name	Technical Name	Details
Production Scheduling Profile - Value Help	`I_ProductionSchedgProfileVH`	Production Scheduling Profile - Value Help
Production Supervisor - Standard Value Help	`I_MfgOrderProdnSupervisorStdVH`	Production Supervisor - Standard Value Help

The following table summarizes the CDS views that were updated with field additions for *Production Operations* under the *Discrete and Process Manufacturing* area.

CDS Views Changed for Discrete and Process Manufacturing

Name	Technical Name	Details
Order Header	`I_Order`	Order Header
Manufacturing Order Status	`I_ManufacturingOrderStatus`	Manufacturing Order Status
Manufacturing Order with Status	`I_MfgOrderWithStatus`	Manufacturing Order with Status

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	CDS View:
	`I_Order`
	`I_ProductionSchedgProfileVH`
	`I_ManufacturingOrderStatus`
	`I_MfgOrderWithStatus`
	`I_MfgOrderProdnSupervisorStdVH`

Application Component	`PP-VDM` (*Virtual Data Model in PP*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

6.5.2 CDS Views for Discrete Manufacturing

Business Details

New CDS views were released for *Production Operations* under the *Discrete Manufacturing* area.

Some of these CDS views have been enabled for data extraction and can provide data extraction for SAP Business Data Cloud data products.

For more details on delivered data products, see Data Products for SAP S/4HANA Manufacturing.

For more information, see SAP Note 3593337.

The following table summarizes the new CDS views that were released for *Production Operations* under the *Discrete Manufacturing* area.

New CDS Views Released for Discrete Manufacturing

Name	Technical Name	Details
Production Order Header	`I_ProductionOrder`	Production Order Header
Production Order - Standard Value Help	`I_ProductionOrderStdVH`	Production Order - Standard Value Help
Production Order Component	`I_ProductionOrderComponent`	Production Order Component
Production Order Confirmation	`I_ProductionOrderConfirmation`	Production Order Confirmation
Production Order Document Link	`I_ProductionOrderDocumentLink`	Production Order Document Link
Production Order by Internal ID	`I_ProductionOrderInternalID`	Production Order by Internal ID
Production Order Item	`I_ProductionOrderItem`	Production Order Item
Production Order Operation	`I_ProductionOrderOperation_2`	Production Order Operation
Production Order Operation - Value Help	`I_ProductionOrderOperationVH`	Production Order Operation - Value Help

Name	Technical Name	Details
Individual Capacity of Production Order Operation	`I_ProdnOrderOperationCapacity`	Individual Capacity of Production Order Operation
PRT of a Production Order	`I_ProductionOrderPRT`	PRT of a Production Order
Production Order Sequence	`I_ProductionOrderSequence`	Production Order Sequence
Production Order Sequence - Value Help	`I_ProductionOrderSequenceVH`	Production Order Sequence - Value Help
Production Order Trigger Point	`I_ProductionOrderTriggerPoint`	Production Order Trigger Point
Production Order Type	`I_ProductionOrderType`	Production Order Type
Production Order Type - Standard Value Help	`I_ProductionOrderTypeStdVH`	Production Order Type - Standard Value Help
Serial Number of Production Order Item	`I_ProdnOrderItemSerialNumber`	Serial Number of Production Order Item

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	CDS View:
	`I_ProductionOrder`
	`I_ProductionOrderStdVH`
	`I_ProductionOrderComponent`
	`I_ProductionOrderConfirmation`
	`I_ProductionOrderDocumentLink`
	`I_ProductionOrderInternalID`
	`I_ProductionOrderItem`
	`I_ProductionOrderOperation_2`
	`I_ProductionOrderOperationVH`
	`I_ProdnOrderOperationCapacity`
	`I_ProductionOrderSequence`
	`I_ProductionOrderSequenceVH`
	`I_ProductionOrderTriggerPoint`
	`I_ProductionOrderType`
	`I_ProductionOrderTypeStdVH`
	`I_ProdnOrderItemSerialNumber`
	`ProductionOrderPRT`

Application Component	`PP-VDM` (*Virtual Data Model in PP*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

6.5.3 OData API: Production Order (Version 2)

6.5.3.1 MES Integration

Business Details

With the OData API *Production Order (Version 2)* (`API_PRODUCTION_ORDER_2_SRV`), you can create, read, and update production orders, as well as set a wide range of statuses. The OData API has been enhanced to support MES integration.

The following enhancements have been made to version 1.5.0 of the OData API:

Entity	Property Category	Property Name
Production Order (A_ProductionOrder_2)	Assignments	ProdnProcgIsFlexible
Production Order Components Extended (A_ProductionOrderComponent_3) and *Production Order Components Using RAP BO* (A_ProductionOrderComponent_4)	Assignments	MaterialComponentSortText
	Assignments Bill of Material (BOM)	BillOfMaterialInternalID
		InheritedBOMItemNode
		InheritedNodeNumberVersionBOM
		BOMItemInternalChangeCount
	Phantom Assembly	MaterialComponentIsPhantomItem
		OrderLevelValue
		OrderPathValue
		AssemblyOrderLevelValue
		AssemblyOrderPathValue
	Material Provision	MaterialProvisionType
	Quantities and Units of Measure	AssemblyQtyInAssemblyUnit
		AssemblyUnit
Production Order Items (A_ProductionOrderItem_2)	Goods Receipt Data	OverdelivTolrtdLmtRatioInPct
		UnderdelivTolrtdLmtRatioInPct
		UnlimitedOverdeliveryIsAllowed
Production Order Operations (A_ProductionOrderOperation_2)	Assignments	BOOOperationInternalID
		CompletionConfirmationCode
	MES Relevant	MESOperation
		MESObjectVersion
		OperationIsNotMESRelevant

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_PRODUCTION_ORDER_2_SRV`
Application Component	`PP-SFC-ES` (*Enterprise Services in Shop Floor Control*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Production Order (Version 2)

6.5.3.2 Serial Numbers

Business Details

With the OData API *Production Order (Version 2)* (`API_PRODUCTION_ORDER_2_SRV`), you can create, read, and update production orders, as well as set a wide range of statuses. The OData API has been enhanced to support serial numbers.

The following enhancements have been added to version 1.5.0 of the OData API.

Serial Number Enhancements to the Production Order (Version 2) OData API

Name	Description	Details
Production Order Serial Numbers	The entity `A_ProdnOrderItemSerialNumber` allows you to add a serial numbers node at the header level for reading purposes.	Production Order Serial Numbers
Create Production Order with Serial Numbers	Create a production order with serial numbers	Create Production Order with Serial Numbers
Update Production Order for a Serialized Material	Update any property, except the total quantity, of production orders for serialized materials	Update Production Order for a Serialized Material
Read Production Order Serial Number	Add serial number node at item level for reading purposes	Read Production Order Serial Number
Create Serial Numbers for Existing Production Order Item	Add serial number node at item level for creating purposes	Create Serial Numbers for Existing Production Order Item

Name	Description	Details
Delete Serial Number	Add serial number node at item level for deleting purposes	Delete Serial Number

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_PRODUCTION_ORDER_2_SRV`
Application Component	`PP-SFC-ES` (*Enterprise Services in Shop Floor Control*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Production Order (Version 2)
Operations for Production Order (Version 2)

6.5.4 OData API: Process Order (Version 2)

Business Details

With the OData API Process Order (Version 2) (API_PROCESS_ORDER_2_SRV), you can create, read, and update process orders, as well as set a wide range of statuses. The OData API has been enhanced to support MES integration.

The following enhancements have been made to version 1.3.0 of the OData API:

Entity	Property Category	Property Name
Process Order (`A_ProcessOrder_2`)	Assignments	`ProdnProcgIsFlexible`
Process Order Components (`A_ProcessOrderComponent_2`)	Assignments	`MaterialComponentSortText`

Entity	Property Category	Property Name
	Assignments Bill of Material (BOM)	`BillOfMaterialInternalID`
		`InheritedBOMItemNode`
		`InheritedNodeNumberVersionBOM`
		`BOMItemInternalChangeCount`
	Phantom Assembly	`MaterialComponentIsPhantomItem`
		`OrderLevelValue`
		`OrderPathValue`
		`AssemblyOrderLevelValue`
		`AssemblyOrderPathValue`
	Material Provision	`MaterialProvisionType`
	Quantities and Units of Measure	`AssemblyQtyInAssemblyUnit`
		`AssemblyUnit`
Process Order Items (`A_ProcessOrderItem_2`)	Goods Receipt Data	`OverdelivTolrtdLmtRatioInPct`
		`UnderdelivTolrtdLmtRatioInPct`
		`UnlimitedOverdeliveryIsAllowed`
Process Order Operations (`A_ProcessOrderOperation_2`)	Assignments	`BOOOperationInternalID`
		`CompletionConfirmationCode`
	MES Relevant	`MESOperation`
		`MESObjectVersion`
		`OperationIsNotMESRelevant`

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_PROCESS_ORDER_2_SRV`
Application Component	`PP-SFC-ES` (*Enterprise Services in Shop Floor Control*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025

Related Information

Process Order (Version 2)

6.5.5 Partial Goods Issue for Component Consumption in Manufacturing

Business Details

With this feature, if you use synchronous goods movements for the consumption of components by manufacturing, you can split the goods issue for components consumed from EWM-managed storage locations if less than the full quantity needed is available there. The system post the goods issue for the available quantities and posts the remaining quantity to the *Reprocess Goods Movements* app.

You can't use this feature to split goods issue for components that require serial numbers or batch-managed components.

Implementation Details

Customizing

To split goods issue quantities, you must activate it in one of the following Customizing activities:

- For Repetitive Manufacturing, in Customizing for Production under *Repetitive Manufacturing* > *Control* > *Define Repetitive Manufacturing Profiles*
- For Discrete Manufacturing, in Customizing for Production under *Shop Floor Control* > *Master Data* > *Define Production Scheduling Profile for Discrete Manufacturing*
- For Process Manufacturing, in Customizing for Production Planning for Process Industries under *Process Order* > *Master Data* > *Define Production Scheduling Profile for Process Manufacturing*

Technical Details

Type	Changed

Functional Localization	Not localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	PP-SFC (*Shop Floor Control*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

6.5.6 Objects Released for Developer Extensibility in Production Operations

With the objects released in Production Operations, you have a stable interface to access data from SAP S/4HANA when building custom applications or extensions with developer extensibility. You can integrate the released objects in your custom code or extend them at predefined extension points. Depending on your use case, different object types are provided (such as BAdIs, CDS views, business object interfaces). You find all the released objects in the ABAP Development Tools (ADT), when you're connected to SAP S/4HANA.

Additional Details

The following table summarizes the objects that have been added, changed, or deprecated for developer extensibility with the current release.

Objects Added, Changed, or Deprecated for Developer Extensibility

Object Type	End-User Name	Technical Name	Type	Details
Business object interface	Process Order	`I_PROCESSORDERTP`	New	With this business object, you can create, read, and update process orders.
Business object interface	Production Order	`I_PRODUCTIONORDERTP`	New	With this business object, you can create, read, and update production orders.

Developer extensibility allows you to create development projects in SAP S/4HANA by using ABAP Development Tools for Eclipse. This gives you the opportunity to build extensions, services, and SAP Fiori apps using the complete set of ABAP Cloud features released for SAP S/4HANA, for example, with the ABAP RESTful Application Programming model, http services, and ABAP objects. For more information about the released objects and how to find them, see Released Development Objects.

Effects on System Administration

For more information about the authorizations required for working with the development objects released for developer extensibility, see Configure Authorizations.

6.5.7 BAdI for Initialization of Order Component on Creation

Business Details

With this new Business Add-In (BAdI), *Order Component - Initialization on Creation (Standard Fields)* (`PPH_PRODORD_COMP_ADJ`), you can fill the material planning relevance and the bulk indicator at the order component (reservation) level when creating an order.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`PPH_PRODORD_COMP_ADJ`
Application Component	`PP-SFC` (*Shop Floor Control*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

6.5.8 Next Generation Just-In-Time Supply to Production

Business Details

The application titled *Manage Communication Groups* is deprecated.

- New application titled *Manage JIT Communication Groups*(F4828A) available. With this application, you can create communication groups, which is a combination of supplier and subsequent message partners with whom the supplier is working with for supplying the materials to production line requirements. This application is relevant for external replenishments.
- Consideration of master data changes to production assembly line in takt-based planning for vehicle assemblies (iPPE factory layout) as well as complex component assemblies (REM Routing).

- Display of inbound delivery in the list page personalization in the following applications, *Manage JIT Calls*, *Manage Forwarded JIS Calls by Component Groups*, and *Manage JIS Calls and Reorder* application and enablement of hyperlink.
- Creation of vehicle production JIS calls (OEM side) based on classical production planning (PP) production orders.

Implementation Details

- For master data changes in takt-based planning, the switch *LE_JIT_TAKT_MASTERDATA_CHANGE* must be active.
- For creation of vehicle production JIS calls, the following is required:
  - switch *LE_JIT_TAKT_MASTERDATA_CHANGE* must be active
  - BAdI *WORKORDER_UPDATE* must be implemented

Effects on Existing Data

In the event of master data changes for takt based planning, the existing sequencing data is adjusted to reflect the correct takt ID.

Technical Details

Type	Changed
Functional Localization	Not Applicable
Scope Item	Not Available
Technical Object Name	F4828A
Application Component	LE-JIT-S2P
Valid as Of	2025

6.5.9 Next Generation Just-In-Time (JIT) Supply to Customer

With this release, the following new features have been included:

- **Maintain Verification Profile**
  When setting up the verification profile for processing of packing groups using the component group team category, you can now maintain the level of the packing group from which you must start scanning.
- **Maintain Verification Profile**
  Packing group-relevant attributes can also be maintained as part of the Component Group team category for better usability.

- **Maintain Dynamic Date without Dynamic Date Functions**
  You can now directly maintain dynamic dates in job scheduling apps, without having to create customized date functions independently.
- **Packing Confirmation at Component Group Level in JIS Processing**
  It is now possible to pack multiple component group materials belonging to the same slot individually and not necessarily together. This is relevant in cases where the component group materials are produced at different times or in different work centers.
- **Alternative Actions**
  While executing production or packing using a scanning application, you can opt for an alternative action when facing delays or stoppages. This can happen, for example, when component materials are not yet available for packing due to any production issues.
- **Deprecated Applications for Scheduling**
  The following scheduling apps are deprecated and will be deleted from the SAP Fiori launchpad in an upcoming release. The deprecated apps may no longer be available by default on the SAP Fiori launchpad. In this case, you can find these in the app finder until they are deleted. We recommend that you switch to the successor app as soon as possible.
  The deprecated apps are:
  - *Create Outbound Deliveries (In Background) - From Summarized JIT Calls*
  - *Schedule Handling Units Creation - For Sequenced JIT Calls*
  - *Schedule Packing Group Creation/Update - For Sequenced JIT Calls*
  - *Create Outbound Deliveries (In Background) - From Sequenced JIT Calls*
  - *Schedule Goods Movement from Production for Customer JIT Calls*

  The successor of all these deprecated apps is *Schedule Custom Actions - for JIT/JIS Calls*.
- **Deprecated Applications for Confirmation and Release**
  The following apps are deprecated and will be deleted from the SAP Fiori launchpad in an upcoming release. The deprecated apps may no longer be available by default on the SAP Fiori launchpad. In this case, you can find these in the app finder until they are deleted. We recommend that you switch to the successor app as soon as possible.
  The deprecated apps are:
  - *Confirm Production - For Customer JIT Calls*
  - *Release Summarized JIT Calls to Production*
  - *Release Sequenced JIT Calls to Production*

  The successor of all these deprecated apps is *Manage Customer JIT Calls - By Component Groups*.
- **Deprecated Application - Process Customer JIT Call Packing Groups**
  The *Process Customer JIT Call Packing Groups* app is deprecated and will be deleted from the SAP Fiori launchpad in an upcoming release. The deprecated app may no longer be available by default on the SAP Fiori launchpad. In this case, you can find it in the app finder until it is deleted. We recommend that you switch to the successor app *Process JIT Calls - By Component Group* as soon as possible.

Technical Details

Type	Changed
Functional Localization	Not applicable

Scope Item	2EM (Just-In-Time Supply to Customer)
Application Component	`LE-JIT-S2C`
Available As Of	SAP S/4HANA 2025

Related Links

For more information, refer to the product documentation at https://help.sap.com under *SAP S/4HANA* > *Manufacturing* > *Production Operations* > *Just-In-Time (JIT) Supply to Customer*.

6.6 Quality Management

6.6.1 Quality Management: Small Enhancements as Part of SAP Continuous Influence Program

Business Details

Improvements in the *Quality Management* component are available to you in the context of the SAP Customer Connection program for Product Lifecycle Management. These improvements are based on proposals submitted by customers through the Customer Influence program.

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
QM-PT-BD (*Basic Data*)	Addition of *Position*, *Find*, *Find Next* buttons in Material Assignment Screen of Transaction `QP02`	S4CORE 109	New	301009	3504049
QM-QN (*Quality Notifications*)	Protection of Fields in Qulaity Notifications Using Status	S4CORE 109 SAP_APPL 619	New	309031	3435722
QM-PT (*Quality Planning*)	Print List for Tasklists With *My Default* Using Transaction `QP05N`	S4CORE 109	New	329631	3580094

These improvements are valid for all countries.

For more information about SAP Continous Influence Program, see https://influence.sap.com.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`QM` (*Quality Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

6.6.2 New App: Manage Certificate Receipts

Business Details

With this app, you can manage and monitor the receipt of quality certificates from suppliers, ensuring that each required certificate is received for the respective materials. You can define the necessity of these certificates in the material master and track their receipt independently of the goods receipt through various methods, including manual recording and automatic system updates.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F3233`
Application Component	`QM-CA` (*Quality Certificates*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025

Related Information

Manage Certificate Receipts

6.6.3 Additional Features in App: Record Inspection Results

Business Details

New features have been added to the *Record Inspections Results* app.

- You can use the inspection of conditional characteristics after the acceptance or rejection of the previous required characteristics within the same operation.
- You can leverage calculated characteristics to calculate inspection results according to a predefined formula using the other inspection characteristics.
- You can use the *Additional Information* field to input detailed information about test equipment or PRT directly with the inspection characteristics to improve the precision and transparency of quality management processes. This feature supports consistent quality control practices by providing a clear record of the equipment used in inspections.
- You can use long text descriptions for inspection characteristics and inspection methods directly in the resutls recording interface.
- Optimized data handling significantly reduces waiting times to ensure faster data access.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F1685A`
Application Component	`QM-IM-RR` (*Results Recording*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Record Inspection Results

6.6.4 Harmonized Document Management

Business Details

With this feature, you can use Harmonized Document Management (HDM) to add attachments, like documents and links, in the following Quality Management apps.

- Record Inspection Results (App ID: F168A)
- Manage Inspection Lots (App ID: F1243)
- Manage Quality Info Records (App ID: F2256A)
- Record Defects (App ID: F2929)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	N/A
Application Component	`QM` (*Quality Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Harmonized Document Management

6.6.5 Integration with Quality Management

Business Details

Two features, **Quality Notifications as a Follow-Up Document** and **Serial Numbers in Inspection Lot of Origin 17** are integrated with quality management.

Quality Notifications as a Follow-Up Document

When saving a returns order, you can create a quality notification in quality management to trigger a parallel quality management process.

Serial Numbers in Inspection Lot of Origin 17

This feature enables you to record a quality inspection result for a specific serialized product in the Quality Management (QM) component of SAP S/4HANA by recording a usage decision for the serialized product with reference to its serial number. The system copies the serial number to the inspection lot in the QM component during the goods receipt posting of the stock item.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`QM-QN` (*Quality Notifications*) `QM-IM` (*Inspection Lots*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Serial Numbers in Inspection Lot of Origin 17 [page 1044]
Quality Notification as a Follow-Up Document [page 855]

6.7 Country/Region Specifics

For country/region-specific changes, please see What's New for Functional Localizations in SAP S/4HANA.

7 Manufacturing for Production Engineering and Operations

7.1 Cross-Area Features

7.1.1 Customizing Activities and Business Add-Ins for PEO

Business Details

This document provides an overview of new and changed Customizing activities and Business Add-Ins (BAdIs) in Customizing for *Production* under *Manufacturing for Production Engineering and Operations*.

Customizing Path	Description
Production > *Manufacturing for Production Engineering and Operations* > *Production Engineering* > *Bill of Materials (BOM)* > *Product Rework* > *Define Additional Parameters for BOM Usage Control Data*	This new Customizing activity has been added as part of the product rework feature. In this activity, you enable product rework for the BOM usage that is to be used specifically for product rework.
Production > *Manufacturing for Production Engineering and Operations* > *Production Engineering* > *Bill of Materials (BOM)* > *Product Rework* > *Define Additional Parameters for BOM Item Categories*	This new Customizing activity has been added as part of the product rework feature. In this activity, you select the *To Be Reworked* indicator for a new BOM item category created specifically for the header material of a product rework BOM.
Production > *Manufacturing for Production Engineering and Operations* > *Production Operations* > *Define Additional Parameters for Processing Shop Floor Orders*	This Customizing activity now contains new parameters for processing shop floor orders for product rework.
Production > *Manufacturing for Production Engineering and Operations* > *Cross-Applications* > *Define Extended Quality Check (EQC) Groups*	In this new Customizing activity, you maintain EQC groups, which you can assign to operation activities and inspection characteristics in order to split a full EQC into a subset of requirements that only check specific aspects of the production process.
Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Production Engineering* > *Production Integration Portal (PiP) Data* > *BAdI: Direct Assignment for Operation Document*	You implement this BAdI if you want to create a new operation document using data from a PiP source file. You can use this BAdI to modify the PiP handover by setting default values of the attributes programmatically or adjusting attribute values based on your own rules, for example.

Customizing Path	Description
Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Production Engineering* > *Production Integration Portal (PiP) Data* > *BAdI: Direct Assignment for Buyoff Qualification*	You implement this BAdI if you want to create a new buyoff qualification using data from a PiP source file. You can use this BAdI to modify the PiP handover by setting default values of the attributes programmatically or adjusting attribute values based on your own rules, for example. You can also use this BAdI if you want to create two or more buyoff qualifications based on one source item (1:n case) or if no buyoff qualification is to be created for the source item (1:0 case).
Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Production Engineering* > *Production Integration Portal (PiP) Data* > *BAdI: Direct Assignment for Sequence*	You implement this BAdI if you want to create a new sequence using data from a PiP source file. You can use this BAdI to modify the PiP handover by setting default values of the attributes programmatically or adjusting attribute values based on your own rules, for example.
Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Production Engineering* > *Shop Floor Routings* > *Work Instructions Authoring* > *BAdI: Extending Embedded Work Instruction of Component Node in SFR*	In work instructions authoring, you can use this BAdI to fill the custom fields for components referenced in both interactive and non-interactive work instructions.
Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Production Engineering* > *Shop Floor Routings* > *Work Instructions Authoring* > *BAdI: Extending Embedded Work Instruction of IC Node in Shop Floor Routings*	In work instructions authoring, you can use this BAdI to fill the custom fields for inspection characteristics referenced in both interactive and non-interactive work instructions.
Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Production Engineering* > *Shop Floor Routings* > *Work Instructions Authoring* > *BAdI: Extending Embedded Work Instruction of PRT Node in Shop Floor Routing*	In work instructions authoring, you can use this BAdI to fill the custom fields for PRTs referenced in both interactive and non-interactive work instructions.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Not applicable
Application Component	PP-PEO (*Manufacturing Engineering Cockpit*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Settings for Product Rework
Product Rework [page 633]
Extended Quality Check Groups [page 643]

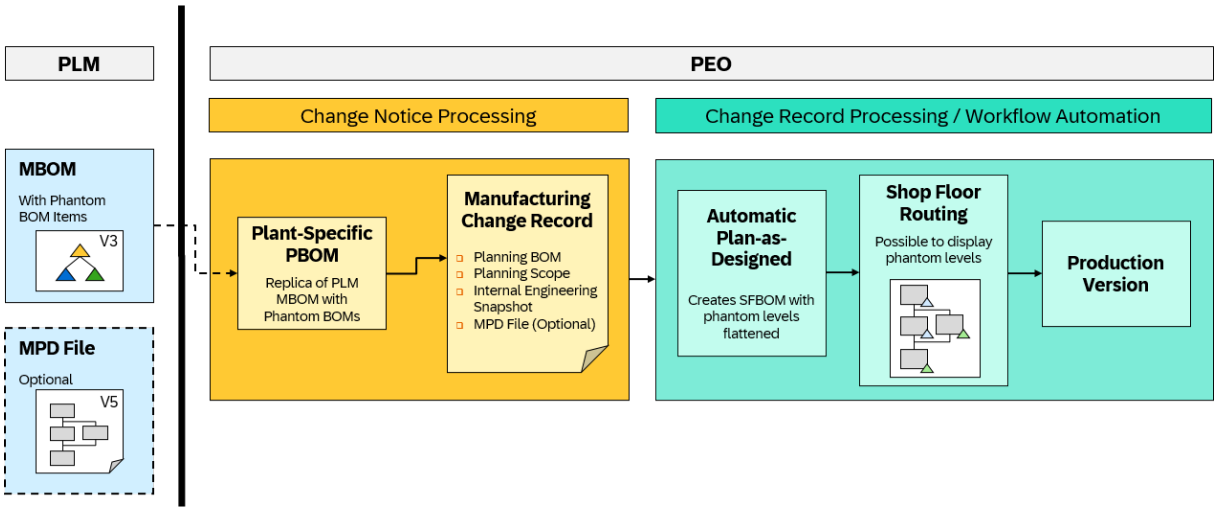
7.1.2 Enhancements to Change-Notice-Driven Process

Business Details

Handling MBOMs with phantom hierarchies sent in a change notice from your PLM system is enhanced as follows:

- PEO automatically prepares shop floor BOM creation. It generates a manufacturing change record and a replica of the PLM source MBOM, keeping the phantom hierarchy information intact and available to downstream processes.
- You can create a shop floor BOM with flattened phantom levels from this change record.
- You can also send an MPD file to automate shop floor routing creation.

Additional Details



PLM Integration	You send the source header BOM from the external PLM system using an integration solution, such as PLM system integration for SAP S/4HANA (PLMSI). The header BOM includes a hierarchy of phantom BOMs. You can send a 3D visual if you use dynamic visualization. You can send a process plan as an MPD file. **Note** As long as you link the MPD file to the relevant MBOM alternative in your PLM system, you can send MPD file versions and MBOM versions independently of each other. You can even send the MBOM on its own if it's ready before the MPD file, and send the MPD file later. You can also send a new version of a phantom BOM that is part of the header BOM independently of the header BOM. APIs map the data packages into a change record of the type `Engineering Change Notice (PEO)` and send the BOM to PEO.
Change Notice Processing	PEO receives the header BOM as a released, plant-specific planning BOM and automatically prepares for creation of the shop floor BOM. In other words, it performs the steps that you previously had to perform manually in the *Prepare MBOM Creation* app. That is, the system creates a manufacturing change record, which contains: • A planning BOM, which is a replica of the MBOM from your PLM system, with all the phantom hierarchy information intact. You can find it in the *Manufacturing BOMs* section of the change record. • The planning scope for the PBOM-to-SFBOM handover. • An internal engineering snapshot. • (If applicable) The MPD file containing your process plan. You can find it in the *Documents* section.

Change Record Processing	In this change record, you can select the planning BOM in the *Manufacturing BOMs* section and choose *Update Shop Floor BOM*.
	
	The system triggers the **Automatic Plan-as-Designed** function which performs the following steps:
	
	• Creates a shop floor BOM with flattened phantom levels for use in manufacturing execution.
	• Regenerates any 3D visuals so that the target shop floor BOM still has the correct visuals associated to it.
	• Adds the newly created shop floor BOM to the change record.
	• If you sent an MPD file, this step also:
	  • Creates a manufacturing snapshot.
	  • Performs PiP data preparation.
	  • Adds the manufacturing snapshot to the change record.
	From the **Manufacturing Snapshot** section of the change record, you can create the shop floor routing on the basis of the newly created manufacturing snapshot. The PiP workspace is available in the **Manage Shop Floor Routings** app to support you in the creation of the shop floor routing. You perform a handover to create both the routing structure and objects, such as inspection characteristics and PRTs, based on the contents of the MPD file. For more information, see PiP Workspace.
	Alternatively, you can set up a workflow to create the shop floor routing and production version automatically on the basis of the MPD file. For more information, see Automated MPD File Handover: From Manufacturing Snapshot to Production Version.

	Regardless of whether you use an MPD file to create the routing, or create it from scratch, the component assignment workspace of the **Manage Shop Floor Routings** app displays information on the phantom hierarchy levels. This information is also available in the **Perform Work** apps.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2097`
Application Component	`PP-PEO-CR` (*Manufacturing Change Record*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

7.1.3 Product Rework

Business Details

PEO now supports product rework, which is the process of reworking a product at any time after completion of its production order. For example, product rework can be used to implement engineering changes that affect completed production orders, replace defective or degraded components identified for completed orders, or perform repairs or maintenance on products that have been in storage or returned from the field.

Additional Details

Product rework requires configuration of the necessary Customizing settings to support creation of BOMs, shop floor routings, and shop floor orders specifically for product rework. A product rework order can be created for a non-serialized material or one or more serial numbers of a serialized material. The original shop floor order for the same serialized material is then closed for execution. Product rework orders are processed in the same way as shop floor orders and can undergo order changes. Full traceability of the product rework process is also supported.

The following enhancements have been made to support the end-to-end process of product rework in PEO:

Create Product Rework Order

Two new apps for creating product rework orders have been introduced:

- *Create Product Rework Order* (transaction `MPE_SFO_RWRK_01`)
- *Create Product Rework Order with Project* (transaction `MPE_SFO_RWRK_10`)

These apps are similar to the existing standard transactions `CO01` and `CO10`. However, the introduction of separate apps to create product rework orders enables authorization and assignment of these apps to be managed separately.

The two new apps are assigned to a new business catalog `SAP_SCM_BC_MPE_PR_RWK_MGMT` (*Product Rework Operation - Order Management*), which has been added to the following business roles:

- `SAP_BR_PRODN_SUPRVSR_DISC_CAM`
- `SAP_BR_PRODN_SUPRVSR_DISC_EPO`

Manage Shop Floor Routings

This app has been enhanced as follows:

- A *Product Rework* indicator for creating product rework routings has been added to the *Create Shop Floor Routing* screen.
- To ensure that only product rework BOMs can be assigned to a product rework routing, the *Assign MBOMs* dialog now has a *Product Rework* indicator, which is preselected so that only product rework MBOMs are displayed.
- In the *Component Assignment Workspace*, a new column called *Not Assembly Relevant* has been added to the *Assigned Components* table. The checkbox in this column is automatically selected for the header material of the product rework MBOM to indicate that it's not relevant for assembly.
- A new dropdown list called *Routing Type* has been added to the *Search and Filter* group box. This dropdown list contains the values *Shop Floor Routing*, *Rework Routing*, and *Product Rework Routing*. The previous indicator to search for rework routings has been removed.

Production Action Log

The following new actions have been added:

- `SAP_SFI_CLOSE_IN_ORDER` (*Close Execution of Serialized Product*)
- `SAP_SFI_UNDO_CLOSE_IN_ORDER` (*Reopen Execution of Serialized Product*)

The system records a message when the execution of a shop floor order for a serialized product is closed or reopened due to a product rework order being created or changed for the same serialized product.

Product Genealogy

The *Where-Used List* section shows any product rework orders created for the serialized material. A new where-used type called *Product Rework* has been added.

As-Reworked Report

A new app called *As-Reworked Report* (transaction `MPE_AS_REWORK`) has been introduced. For a selected product rework order or serialized material, this report provides a multilevel overview of what materials have been assembled or disassembled up to the current date or a specific date.

This app is assigned to a new business catalog `SAP_SCM_BC_MPE_PR_RWK_MNTR` (*Product Rework Operation - Execution Monitoring*), which has been added to the following business roles:

- `SAP_BR_PRODN_SUPRVSR_DISC_CAM`
- `SAP_BR_PRODN_SUPRVSR_DISC_EPO`

As-Built Report

A button to display any existing product rework orders for a selected serialized material has been added to the toolbar. Details of the product rework orders for the given serial number appear on the right-hand side. A navigation link to the *As-Reworked Report* is also provided.

Implementation Details

If the material to be reworked is the header material and at the same time a component in the BOM, the *Recursion Allowed* indicator has to be selected for the respective BOM item in the product rework BOM.

Customizing

To perform product rework using PEO, you need to configure the necessary Customizing settings. The following steps are essential for the end-to-end process of product rework:

- Create a new BOM usage for product rework.
- Configure the control data and additional parameters for the new BOM usage for product rework.
- Define the material types allowed for BOM header and BOM items in combination with the new BOM usage for product rework.
- Create a new BOM item category for the header material of a product rework BOM.
- Create a new shop floor order type for product rework orders.
- Define the additional parameters for processing shop floor orders for product rework in a specific production plant.

For detailed steps, refer to Settings for Product Rework.

Effects on Existing Data

When a production version is created with a product rework routing and BOM, the system assigns the status *Locked for automatic sourcing*, which means it can't be used for MRP. The status can be manually changed to *Locked for any usage* but can't be changed to *Not locked*.

Authorizations

Two new actions have been added to authorization object `C_SFO_ACTN`:

- `SAP_SFI_CLOSE_IN_ORDER`: This action closes execution for the shop floor order of a serialized product.
- `SAP_SFI_UNDO_CLOSE_IN_ORDER`: This action reopens execution for the shop floor order of a serialized product.

To create product rework orders using the new apps *Create Product Rework Order* and *Create Product Rework Order with Project*, users require the following authorizations:

Authorization Object	Authorization Field	Field Value
C_SFO_ACTION	ACTVT	16 (Execute)
	MPE_EX_ACT	SAP_SFI_CLOSE_IN_ORDER
		SAP_SFI_UNDO_CLOSE_IN_ORDER
	MPE_OBJ_TY	005 (Serialized Product)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`MPE_SFO_RWRK_01`
	`MPE_SFO_RWRK_10`
	`MSFR4`
	`F2869`
	`F2892`
	`MPE_AS_BUILT`
	`MPE_AS_REWORK`

Application Component	`PP-PEO` (*Manufacturing Engineering Cockpit*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Settings for Product Rework
Product Rework Routings
How to Create Product Rework Routings
Performing Product Rework

7.1.4 Global Alternatives

Business Details

PEO now supports the use of global alternatives defined using simple discontinuation in the material master record. Components often need to be exchanged, for example, due to defects, stock shortages, or changes in safety requirements. This enhancement gives you more flexibility to replace components in a production order without having to update the BOM. You can exchange a component for a follow-up material that has been defined using simple discontinuation. In such cases, PEO tracks the use of global alternatives in the end-to-end process. PEO also supports the use of global alternatives if you're running PEO side-by-side your ERP system.

To support this feature, the following enhancements have been made:

Manage Production Orders and Manage Production Operations

In these apps, a new column called *Available Alt. Type* (available alternative type) has been added to the *Components* section to support the use of global alternatives in addition to BOM item alternatives. If an alternative component is available, this column contains the *Exchange* button and one of the following values:

- *Alternative Item Group*: You can exchange the component for a member of an alternative item group.
- *Simple Discontinuation*: You can exchange the component for the follow-up material defined using simple discontinuation.

Manage Shop Floor Routings

In the *Component Assignment Workspace*, a column called *Simple Discontinuation* has been added. This column indicates whether a global alternative defined using simple discontinuation exists for the component. In this case, the BOM item details screen shows the *Simple Discontinuation* tab, where the follow-up material and effective-out date are displayed.

Manage Order-Specific Shop Floor Routings

In this app, the following new columns have been added:

- A column called *Follow-Up Material Used in Order* has been added to the *Component List Workspace*. If a component was exchanged for a global alternative defined using simple discontinuation, the follow-up material used in the order is shown in this column.
- In the *Component Assignment Workspace*, a column called *Simple Discontinuation* has been added. This column indicates whether a global alternative defined using simple discontinuation exists for the component. In this case, the BOM item details screen shows the *Simple Discontinuation* tab, where the follow-up material and effective-out date are displayed.

Production Action Log

When a component is exchanged for a global alternative, a corresponding message is written to the production action log under the *Component Exchange* action.

As-Built Report, Compare As-Built with As-Planned, Product Genealogy, and Order Genealogy

A new column called *Component Alt. Type* (*Order Component Alternative Type*) has been added to these apps to support the tracking of global alternatives in addition to BOM item alternatives. In cases when an alternative component exists, this column indicates whether the primary component (original BOM item) was assembled

or whether an alternative component was assembled. An alternative component can be either a BOM item alternative or a global alternative. Currently, the following values are possible:

- *Primary*: original component
- *Alternative*: member of an alternative item group
- *Follow-Up*: follow-up material defined for simple discontinuation in the material master record

> **Note**
>
> This column contains a value only if an alternative component exists. Otherwise, it's blank.

Following the introduction of the new column, the previous *AIG Member* column has been removed.

If a global alternative was assembled, the *Compare As-Built with As-Planned* app indicates that a difference exists between the as-built and as-planned. The *Planned Material* column contains the planned component (material to be discontinued) and the *Consumed Material* column contains the follow-up material that was assembled. This difference is not flagged as a deviation.

Integration with an ERP System

Material master records that contain global alternatives defined using simple discontinuation are replicated from your ERP system to your PEO system. If materials to be discontinued are replaced during ATP checks in your ERP system, the list of components including the follow-up materials is sent from ERP to PEO. PEO checks the component list and validates the components based on the master data in PEO. If the validation is successful, the ERP production order is then replicated to PEO.

> **Note**
>
> If the quantity is split between the material to be discontinued and follow-up material in the ERP production order, the full quantity is allocated to the follow-up material when the order is replicated to PEO.

If a component is exchanged for a global alternative in the *Manage Production Orders* app, these changes are included in the `LOIPRO` IDoc sent to your ERP system.

Implementation Details

Effects on Existing Data

The Business Add-In `BADI_MATERIAL_CHECK` has been enhanced with PEO-specific checks to validate the material master data. The discontinued material and the follow-up material must have the following identical attributes:

- Batch management indicator
- Serial number profile

Effects on MRP Logic

If the remaining inventory of the discontinued component is less than the dependent demand quantity, the system forwards the complete component demand quantity to the follow-up material. Therefore, the *all or nothing principle* applies with respect to the component quantity when you use global alternatives.

Effects on MRS

If the original component is exchanged for the global alternative, MRS information that exists for the original BOM item is passed on to the global alternative.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F2336`
	`F2335`
	`MSFR4`
	`MSFR7`
	`F2869`
	`MPE_AS_BUILT`
	`MPE_AS_BUILT_COMPARE`
	`F2892`
	`F5865`

Application Component	`PP-PEO` (*Manufacturing Engineering Cockpit*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

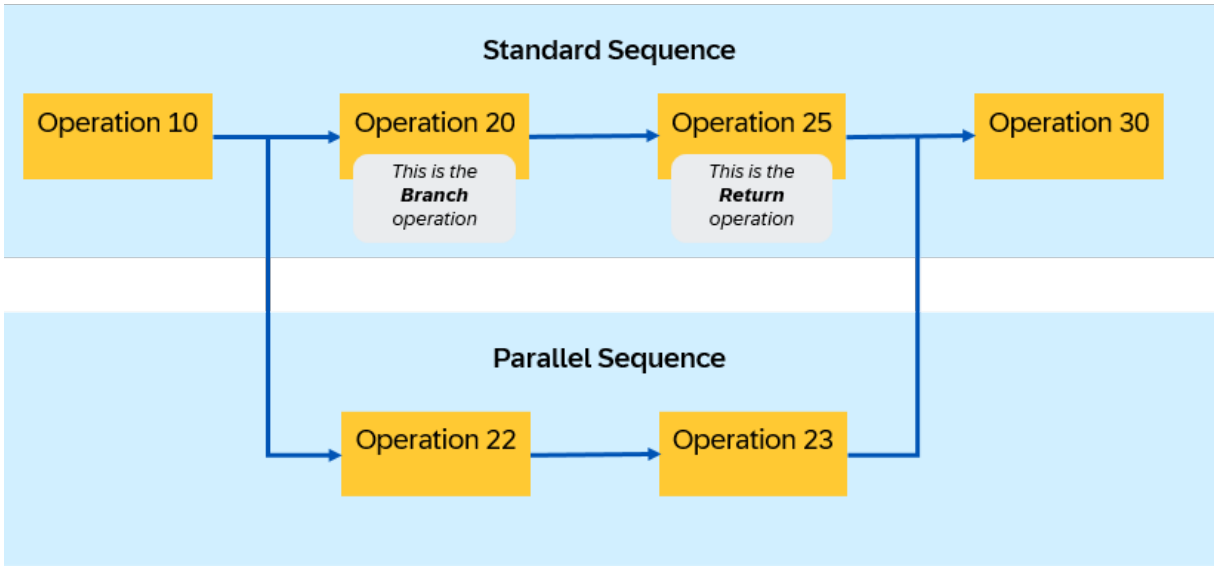
Manage Production Orders [page 664]
Manage Production Operations [page 666]
Manage Shop Floor Routings [page 652]
Manage Order-Specific Shop Floor Routings [page 655]
Production Action Log [page 676]
As-Built Report [page 677]
Compare As-Built with As-Planned [page 678]
Product Genealogy [page 673]
Order Genealogy [page 674]

7.1.5 Parallel Sequences

Business Details

With this feature, the use of parallel sequences has been enabled for SAP S/4HANA Manufacturing for production engineering and operations (PEO). A **parallel sequence** is a sequence of several operations that you can perform at the same time as a number of consecutive operations from a different sequence, which is usually the standard sequence.

Additional Details



In the simplest case, a routing only has one sequence, which is the standard sequence, with the technical name `000000`. A parallel sequence is a set of operations that can be performed at the same time as a set of operations in the standard sequence.

When you create a parallel sequence, you define the following:

- The **branch operation**, which is the operation in the standard sequence before which the system forks to the parallel sequence.
- The **return operation**, which is the operation in the standard sequence after which the system returns to the standard sequence.

In this example, you can perform operations 22 and 23 in parallel with operations 20 and 25.

For more information, see Parallel Sequences.

To support this feature, the following apps have been enhanced:

- **Production Integration Portal (PiP)**
  It's now possible to hand over parallel sequences from your PLM system in the PiP source file.
  A new BAdI is available, which you can use to modify the PiP handover of sequences by setting default values of the attributes programmatically or adjusting attribute values based on your own rules, for example.
  For more information, see Production Integration Portal (PiP) [page 649].

- **Manage Planning Routings**
  You can create parallel sequences in both date-effective and parameter-effective planning routings.
  For more information, see How to Create Parallel Sequences.
- **Manage Shop Floor Routings**
  You can create parallel sequences in shop floor routings for standard materials and for materials with unitized parameter effectivity.

  > **Note**
  >
  > The creation of sequences in routings for configurable materials isn't supported yet.

  For more information, see How to Create Parallel Sequences.
- **Change Impact Analysis**
  The change impact analysis now examines sequences and identifies shop floor routings impacted by changes made to parallel sequences.
  For more information, see Actions and Object Types in the Change Impact Analysis.
- **Manage Order-Specific Shop Floor Routings**
  In order-specific shop floor routings, you can add operations to an existing parallel sequence and delete operations from an existing parallel sequence, as long as the operations are `Editable`.

  > **Restriction**
  >
  > You can't do the following in order-specific shop floor routings:
  > - Add new parallel sequences.
  > - Change the alignment key, branch operation, or return operation of an existing parallel sequence.
  > - Delete an existing parallel sequence.
- **Manage Production Orders**
  In the *Order Schedule* section of the production order, you can check the scheduling of the operations in a parallel sequence. You can choose the *Graphical View* icon to display a flow diagram of the operations in their respective sequences.

> **Restriction**
>
> Sequences aren't currently supported in the *Manage Production Models* apps. This means:
> - You can't migrate shop floor routings that contain parallel sequences to create a material production model.
> - You can't create ETO production models and ETO shop floor routings that are based on 150% shop floor routings that contain parallel sequences.

Implementation Details

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	MSFR4
Application Component	PP-PEO (*Manufacturing Engineering Cockpit*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Parallel Sequences

7.1.6 Documents for Routing Operations

Business Details

With this feature, you can assign documents at operation level for a wide variety of routing types. This means that you can now assign important information that is applicable to all the operation activities of a specific operation. In the *Perform Operation Activity* app, the system displays this document in a dedicated tab for all operation activities of the operation, ensuring that this important information is always available for the production operator.

You can assign documents to an operation in the details workspace, in the *Operation Documents* tab, for the following types of routing:

- Shop floor routing
- ETO shop floor routing
- Order-specific shop floor routing
- Routing template (reference operation and reference operation set)
- Rework routing
- Product rework routing

> **Note**
>
> The status of the document you assign to the operation does not have to be released. However, the system issues a warning when you assign a non-released document to an operation, as well as when you release the completed routing. You can still proceed with the release of the routing.

For more information, see How to Assign Documents to Operations.

Implementation Details

Customizing

Cross-Application Components > *Document Management* > *Control Data* > *Define DMS Document Types*

In this Customizing activity, you define the document types that you want to use as operation documents in routings.

For more information, see Settings for Shop Floor Routing Documents.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	MSFR4
Application Component	PP-PEO-SFR (*Shop Floor Routing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

How to Assign Documents to Operations

7.1.7 Extended Quality Check Groups

Business Details

PEO now supports partial extended quality checks through the assignment of extended quality check (EQC) groups to operation activities and inspection characteristics in the shop floor routing. For example, a partial EQC might be required in the following issues:

- Only certain processes need to be re-validated after an initial full EQC was completed.
- If a full EQC was only recently performed, a delta check might be sufficient.

EQC groups can be defined and activated in Customizing. They can then be assigned in the shop floor routing to operation activities and inspection characteristics that are marked as relevant for extended quality checks.

Furthermore, EQC groups can be selected during creation of a shop floor order. As a result, only those operation activities and inspection characteristics assigned to the selected EQC groups are included in the shop floor order, along with non-EQC-relevant operation activities. The EQC groups valid for a shop floor order and for operation activities can be displayed in the downstream apps.

The following apps have been enhanced:

Manage Shop Floor Routings

To provide the option to select EQC groups, the following enhancements have been made:

- On the *General* tab of the details workspace, a new button *OA EQC Group* is enabled if the *Relevant for Extended Quality Checks* indicator has been selected.

  > ⓘ Note
  >
  > The change history in the shop floor routing now records any changes made to EQC groups for operation activities and inspection characteristics.

- In the *Add Inspection Characteristic* dialog, a new button called *EQC Group* has been added next to the *Insp. Relevance* field.

Note that inspection characteristics assigned to EQC groups can be added to interactive work instructions only if the respective operation activity has been assigned to the same EQC groups.

Create Production Order

A new dialog box called *Select EQC Groups* has been integrated into the function for reading PP master data. This new dialog box is displayed if the shop floor routing associated with the selected production version contains EQC groups.

Manage Production Orders

A new section called *EQC Groups* has been added to the details page. If a shop floor order is relevant for extended quality checks, this section lists any EQC groups that are associated with the order.

Assign Work and My Work Queue

An *EQC Groups* column is available on the list page. This column shows the EQC groups of the shop floor order that are valid for an operation activity.

Order Genealogy and Product Genealogy

EQC groups that are valid for a shop floor order are displayed in these apps:

- An *EQC Groups* column is available on the list page.

  > ⓘ Note
  >
  > If more than one EQC group is valid for an order, a popup displaying all the valid EQC groups is displayed.

- An *EQC Groups* section has been added to the details page.

Implementation Details

Customizing

EQC groups can be defined and activated in Customizing for *Production* under *Manufacturing for Production Engineering and Operations* > *Cross-Applications* > *Define Extended Quality Check (EQC) Groups.*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	PP-PEO (*Manufacturing Engineering Cockpit*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

7.1.8 Buyoff Qualifications

Business Details

You can now assign an HR qualification to each buyoff step in an operation activity. This allows you to control who can approve the buyoff steps at production completion. Only a team member with the selected HR qualification can approve a buyoff step.

Additional Details

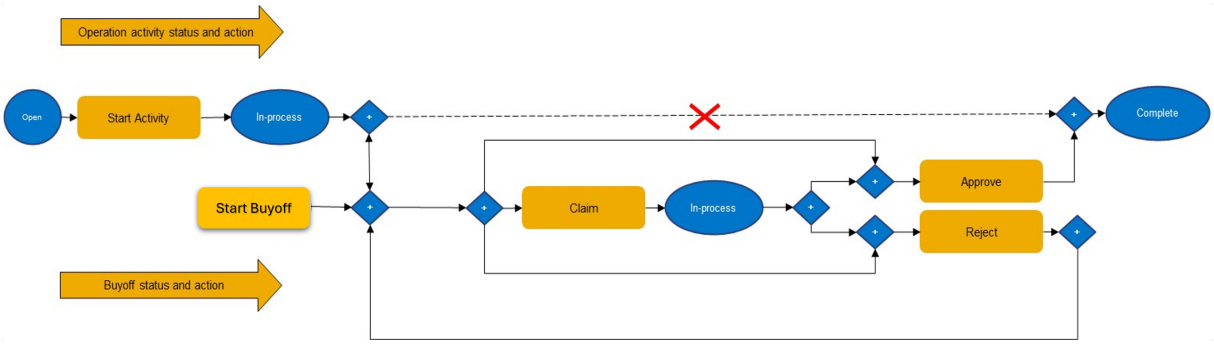
Buyoff qualifications might be required in the following scenarios:

- In the production process, an operator with a specific qualification needs to approve a welding operation activity.
- After production, a supervisor with a relevant qualification needs to review and approve the work.
- Finally, a quality administrator can approve the quality of the work.

To set up a buyoff with qualifications, you first maintain the HR qualifications required for the buyoff in Customizing. When you maintain the shop floor routing, you can then assign these qualifications to each buyoff step in the operation activities. The team member with the required qualifications can then approve the buyoff steps to complete the production process.

> **Note**
>
> On approval of the buyoff step, the system performs a validation check to confirm that the team member performing the buyoff approval has the appropriate qualifications.

This graphic illustrates the process flow for buyoff qualifications:



To support this feature, the following apps have been enhanced:

Manage Shop Floor Routing

On the *Buyoff* tab of the details workspace, a new *Buyoff Qualification* section is available. This section displays the *Qualification*, *Qualification Description*, and *Proficiency*. Here, you can assign the qualifications and the required proficiency to each buyoff step.

Manage Buyoff Cycle Templates

A new > icon appears on each buyoff step row. When you choose this icon, the system navigates to a new screen that shows the general information of the buyoff step created in the template in the *General Information* section. You can assign qualifications and skill levels to the buyoff step using the *Qualification* and *Skill Level* fields.

Perform Operation Activity

You can choose a new *Start Buyoff* button to start the buyoff step after the start of the operation activity.

My Work Queue

You can choose a new *Start Buyoff* button to start the buyoff step at the point of collective processing.

Implementation Details

Customizing

SAP Portfolio and Project Management > *Project Management* > *Resource Management* > *Qualification Management* > *Edit Qualifications Catalog*

In this Customizing activity, you can maintain the HR qualifications for buyoff. You can create new HR qualifications in the HCM module (00QA) in the SAP system.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PP-PEO` (*Manufacturing Engineering Cockpit*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

7.2 Extended Production Engineering

7.2.1 Migration of Classic Routings

Business Details

The existing reports for migrating classic routings to version-controlled routings have been enhanced. These reports can now find the correct components of phantom BOMs and assign the corresponding components to the first operation activity in the operation of the migrated routing. A prerequisite is that the associated BOMs containing phantom components have been migrated using the BOM migration report, which creates the BOM links.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`MPE_MIGRATE_CLSRTNG_TO_SFRTGS`
	`RMPE_MIGRATE_UNITIZED_ROUTING`

Application Component	`PP-PEO-MIG` (*PEO Migration-Related Topics*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Migrating Classic Routings

7.2.2 Migration of Legacy Routings to Version-Controlled Templates and Rework Routings

Business Details

A new report `MPE_STA_RTG_LGC_TO_TMPL_SFR` (*Migration of Legacy Routings to Version Templates and Rework Routings*) is now available to migrate routings from your legacy MES system to PEO using the features available in the production integration portal (PiP). The report is to be used for a one-time migration process to create version-controlled templates and rework routings from your legacy routing data.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `MPE_STA_RTG_LGC_TO_TMPL_SFR`
Application Component	`PP-PEO-MIG` (*PEO Migration-Related Topics*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

How to Migrate External Routing Data to Shop Floor Routings

7.2.3 Production Integration Portal (PiP)

Business Details

The main new enhancements to this feature are:

- It is now possible to hand over the following from your PLM system in the PiP source file:
  - Parallel sequences
  - Buyoff qualifications
  - Operation documents
- A new BAdI is available for each of the above, which you can use to modify the PiP handover by setting default values of the attributes programmatically or adjusting attribute values based on your own rules, for example.

Handover of Sequences

You can now include parallel sequences in the source PiP file and hand these objects over to the shop floor routing or rework routing in the PiP workspace, as long as you have also maintained the necessary mapping information in Customizing.

Handover of Buyoff Qualifications

You can now include buyoff qualifications in the source PiP file and hand these objects over to the shop floor routing, rework routing, or reference template in the PiP workspace as long as you have also maintained the necessary mapping information in Customizing.

Handover of Operation Documents

You can now include documents at operation level in the source PiP file and hand these objects over to the shop floor routing, rework routing, or reference template in the PiP workspace as long as you have also maintained the necessary mapping information in Customizing.

Handover of Product Rework Indicator

You can now include the product rework indicator in the source PiP file and use the manufacturing snapshot to create a product rework routing as long as you have also maintained the necessary mapping information in Customizing.

Implementation Details

Customizing

Production > *Manufacturing for Production Engineering and Operations* > *Production Engineering* > *Production Integration Portal (PiP) Data* > *Define PiP Data Settings*

In this Customizing activity, you maintain the settings required to map the PiP source file content with the PEO target object of the shop floor routing. You can now define mapping settings for sequences, buyoff qualifications and operation documents.

Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Production Engineering* > *Production Integration Portal (PiP)*

This section now contains new BAdIs:

- *BAdI: Direct Assignment for Sequence* (`EX_MPE_STA_DRCT_ASSGN_SEQ`) which you can implement if you want to create a new parallel or alternative sequence using data from the PiP source file or if you want to directly assign preselected source data to an already existing sequence.
- *BAdI: Direct Assignment for Buyoff Qualification* (`EX_MPE_STA_DRCT_ASSGN_BUY_QUAL`) which you can implement if you want to create buyoff qualifications using data from the PiP source file or if you want to directly assign preselected source data to an already existing buyoff qualification.
- *BAdI: Direct Assignment for Operation Document* (`EX_MPE_STA_DRCT_ASSGN_BUY_QUAL`) which you can implement if you want to create operation documents using data from the PiP source file or if you want to directly assign preselected source data to an already existing operation document.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PP-PEO-PIP` (*Production Integration Portal*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Settings for the Production Integration Portal (PiP)

7.2.4 Manage Planning Routings

Business Details

The main new features in this app include:

- Maintenance of parallel sequences
- Maintenance of operations for external processing
- Maintenance of long texts for operations

New Filter for Planning Routing Effectivity

On the entry screen, you can find existing planning routings more easily by choosing to display either date-effective or parameter-effective routings only. Select either *Date* or *Parameter* from the dropdown list for the new *Effectivity* field, then choose *Go*.

Dialog Box for Multiple Material Assignments

When multiple materials are assigned to the planning routing, the system displays the number of materials in the *Material* column of the entry screen workspace and in the header area of the planning routing in the details workspace. You can use this link to open a dialog box that lists the assigned materials.

Parallel Sequences

You can create sequences in the details workspace of the planning routing to model parallel processes. This enables you to perform more precise capacity evaluations for bottleneck work centers.

For more information, see How to Create Parallel Sequences

Operations for External Processing

In the details workspace, you can now create operations that need to be performed by an external service provider and enter the required external processing data.

For more information, see How to Create Operations for External Processing.

Long Texts for Operations

In the details workspace, you can maintain a long text for operations in both date-effective and parameter-effective planning routings. This long text can consist of multiple lines and you can edit it in either a graphical PC editor or a SAPscript editor. Long texts for eternally processed operations are transferred to purchase requisitions and are a useful way of passing on information to an external service provider.

For more information, see How to Create Operation Long Texts.

Assignment of Material PRTs

In the details workspace, you can assign material PRTs to an operation on the *Material PRTs* tab.

Navigation to Snapshot

In the details workspace for the planning routing header, the *Snapshot ID* field on the *General Data* tab displays the manufacturing snapshot used to create the planning routing. You can use this link to navigate to the snapshot.

Implementation Details

Customizing

PiP for operation long texts

Production > *Basic Data* > *Routing* > *Operation Data* > *Define Control Key*

In this Customizing activity, you define a control key for external processing. The control key must contain the attributes *External Processing* = **+** and *Confirmations* = **2**.

Effects on Existing Data

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`MSFR14`
Application Component	`PP-PEO-SFR` (*Shop Floor Routing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

7.2.5 Manage Shop Floor Routings

Business Details

This app now supports parallel sequences and product rework routings. Furthermore, you can now use logical components for component data collection and cross-referencing. The app also has two new routing objects: *EQC Group* and *Buyoff Qualification*. Other enhancements include:

- Document assignment at operation level.
- Option to add multiple document links to work instructions.
- Filtering by production plant in the template library to display only those templates relevant to the production plant.

Parallel Sequences

You can create sequences in the shop floor routing to model parallel processes.

For more information, see Parallel Sequences [page 640].

Product Rework Routings

On the *Create Shop Floor Routing* screen, there's now a *Product Rework* indicator for creating product rework routings. To ensure that only product rework BOMs can be assigned to a product rework routing, the *Assign MBOMs* dialog now contains a *Product Rework* indicator, which is preselected so that only product rework MBOMs are displayed. In the *Component Assignment Workspace*, a new column called *Not Assembly Relevant* has been added to the *Assigned Components* table. The checkbox in this column is automatically selected for the header material of the product rework MBOM to indicate that it's not relevant for assembly.

To help you find existing product rework routings, a new dropdown list called *Routing Type* has been added to the *Search and Filter* group box. This dropdown list contains the values *Shop Floor Routing*, *Rework Routing*, and *Product Rework Routing*. The previous indicator to search for rework routings has been removed.

EQC Groups

You can now assign EQC groups to operation activities and inspection characteristics in the shop floor routing.

For more information, see Extended Quality Check Groups [page 643].

Buyoff Qualifications

PEO now enables you to assign HR qualifications to each buyoff step in the operation activity.

For more information, see Buyoff Qualifications [page 645].

Operation Documents

You can assign documents to operations in the details workspace, in the *Operation Documents* tab. This means that you can now assign important information that is applicable to all the operation activities of a specific operation.

For more information, see How to Assign Documents to Operations.

Work Instructions

- You can now add multiple document links to work instructions as reference links if the documents are assigned to the operation activity in the shop floor routing. For more information, see How to Add Multiple Document Links in Work Instructions.
- You can also add the inspection method assigned to inspection characteristics in the interactive (as inline) and non-interactive (as a link) work instructions when adding them as a reference. You can't, however, add the inspection method when the IC is referenced as a table in the interactive work instructions.
- PEO now supports cross-referencing of logical components in the interactive and non-interactive work instructions.
- You can also add multiple inspection characteristics and PRTs to work instructions.

Inspection Characteristics

- You can add an inspection method to inspection characteristics when you create them. You can see this inspection method at the time of production in the *Perform Operation Activity* app in the *More Details* dialog. When you choose the inspection method, the system navigates to the *Inspection Method* application.
- You can now enter the details of the test equipment assigned to inspection characteristics in the *Additional Info* field when you start the operation activity and perform data collection.

Filter by Production Plant in Template Library

When you display the template library in the structure workspace, the system automatically filters the list of templates by the production plant of the routing. To see the templates for all plants, you can clear the filter by choosing the *Filter by Production Plant* button ( ) in the toolbar.

MBOM Assignment

When you assign MBOMs to your routing, either during creation or in the details workspace of an existing routing, the *Assign MBOMs* dialog includes a new *Show All* option. This option extends the display of assignable MBOMs to include all released MBOM versions.

- If you select the *Show All* checkbox and choose *Go*, the system displays all MBOM versions. You can then assign a lower version of an MBOM to your routing if needed.
- If you do not select this checkbox, the system displays only the latest released version of the MBOM.

Implementation Details

Customizing

Production > *Manufacturing for Production Engineering and Operations* > *Cross-Applications* > *Define Extended Quality Check Groups*

Before you assign requirements, such as operation activities and inspection characteristics, to an EQC group, you first need to create the required EQC groups in this Customizing activity.

Cross-Application Components > *Document Management* > *Control Data* > *Define DMS Document Types*

In this Customizing activity, you define the document types that you want to enable to be used as operation documents in the shop floor routing.

For more information, see Settings for Shop Floor Routing Documents.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	MSFR4
Application Component	PP-PEO-SFR (*Shop Floor Routing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Parallel Sequences [page 640]
Documents for Routing Operations [page 642]
Product Rework [page 633]

7.2.6 Manage Order-Specific Shop Floor Routings

Business Details

This app now enables you to compare and transfer changes made to alternative item groups. In addition, sorting in the component list workspace has been improved and changes relating to alternative item groups and global alternatives have been made. Other enhancements include:

- Assignment of documents at operation level.
- Maintenance of parallel sequences.
- Filtering by production plant in the template library to display only those templates relevant to the production plant.

Handling of Changes to Alternative Item Groups (AIGs)

It is now possible to display changes made to the definition of primary and alternative components in alternative item groups when you compare MBOM versions in the component list workspace. The system now displays information in the following AIG-specific columns:

- Alternative Item Group
- Usage Probability
- Priority

After displaying these changes, you can transfer these changes to the order-specific routing. When you release the order-specific routing, the production order is updated accordingly.

Sorting Enabled in the Component List Workspace

If your MBOM consists of a long list of components, you can now change the attribute according to which the list of components is sorted. By default, the components are sorted in ascending order according to the item number. If you want to change this and sort the list in ascending order according to the components, for example, click the sort icon ( ) in the table toolbar and select *Component* from the dropdown list. You can also use your own customer-specific fields as a sorting criterion. You can always see the attribute that is currently selected for sorting the components in the table by hovering your mouse on the sort icon. The tooltip shows which attribute is currently selected.

To sort in descending order, click on the sort icon again and choose the attribute according to which you want to sort in descending order. The icon now changes to and the tooltip for the sort icon indicates the attribute according to which the list of components is currently sorted in descending order.

Operation Documents

You can assign documents to operations in the details workspace, in the *Operation Documents* tab. This means that you can now assign important information that is applicable to all the operation activities of a specific operation. For more information, see How to Assign Documents to Operations.

Filter by Production Plant in Template Library

When you display the template library in the structure workspace, the system automatically filters the list of templates by the production plant of the order-specific routing. To see the templates for all plants, you can clear the filter by choosing the *Filter by Production Plant* button ( ) in the toolbar.

Parallel Sequences

In the *Structure Workspace*, you can add operations to an existing parallel sequence and delete operations from an existing parallel sequence, as long as the operations have the editing state `Editable`.

Global Alternatives

To support the use of global alternatives in PEO, the following enhancements have been made:

- A column called *Follow-Up Material Used in Order* has been added to the *Component List Workspace*. If a component was exchanged for a global alternative defined using simple discontinuation, the follow-up material used in the order is shown in this column.
- In the *Component Assignment Workspace*, a column called *Simple Discontinuation* has been added. This column indicates whether a global alternative defined using simple discontinuation exists for the component. In this case, the BOM item details screen shows the *Simple Discontinuation* tab, where the follow-up material and effective-out date are displayed.

Linking of Alternative Components to the 3D Visual

The linking of alternative components to the 3D visual has been enhanced in the *Component List Workspace* and *Component Assignment Workspace*. When you click a component in the 3D visual and this component belongs to an alternative item group or has a global alternative, the system highlights the listed component that is currently selected in the production order.

For more information, see also Component List Workspace under *Show 3D Visual*.

Implementation Details

Customizing

Cross-Application Components > *Document Management* > *Control Data* > *Define DMS Document Types*

In this Customizing activity, you define the document types that you want to enable to be used as operation documents in the shop floor routing.

For more information, see Settings for Shop Floor Routing Documents.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`MSFR7`
Application Component	`PP-PEO-SFR` (*Shop Floor Routing*)

Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Global Alternatives [page 637]
Parallel Sequences [page 640]

7.2.7 Manage Templates - For Shop Floor Routings

Business Details

This app has been enhanced so that you can now assign documents at operation level and add buyoff qualifications. Furthermore, to help you work with templates more efficiently, you can now cut and paste templates in the folder view and filter by production plant in the template library.

Operation Documents

When maintaining reference operations and reference operation sets, you can now assign documents to operations on the *Operation Documents* tab in the details workspace. This means that you can now assign important information that is applicable to all the operation activities of a specific operation. The operation documents are also recorded in the change history of the template.

Cut and Paste

In the folder view, you can now cut a template and paste it at a different position in the structure. You can cut a template either by choosing the toolbar icon or the context menu option.

Filter by Production Plant in Template Library

When you display the template library, the system automatically filters the list of templates by the production plant of the template that you're editing. To see the templates for all plants, you can clear the filter by choosing the *Filter by Production Plant* button ( ) in the toolbar.

Buyoff Qualifications

When creating templates with buyoffs for operation activities, you can now add buyoff qualifications. A new section called *Buyoff Qualifications* is available on the *Buyoffs* tab, where you can add one or more buyoff qualifications.

Implementation Details

Customizing

To use specific document types when assigning documents to operations, define the relevant document types in Customizing for *Cross-Application Components* under *Document Management* > *Control Data* > *Define DMS Document Types*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `MSFR24`
Application Component	`PP-PEO-SFR` (*Shop Floor Routing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

How to Assign Documents to Operations
Settings for Shop Floor Routing Documents
Buyoff Qualifications [page 645]

7.2.8 Manage Production Models - Materials

Business Details

The main new features in this app are:

- Maintenance of production models for materials with unitized parameter effectivity is now supported.
- Mass maintenance of operations and operation activities is now enabled.
- Further enhancements include:
  - Maintenance of reference designators
  - Direct assignment of a change record during creation of a new production model version

Production Models for Materials with Parameter Effectivity

It is now possible to maintain production models for materials with unitized parameter effectivity.

For more information, see Production Models for Unitized Materials [page 661].

Mass Creation of Operations and Operation Activities

You might want to maintain multiple operations and/or operation activities in one step to speed up production steps handling. The mass maintenance option lets you create, change and delete multiple operations or operation activities in a single dialog box.

For information, see How to Maintain Multiple Operations and How to Maintain Multiple Operation Activities.

Maintenance of Reference Designators

You can now maintain reference designators for BOM items and instances in the *BOM Components* table.

For more information, see How to Maintain Reference Designators in Production Models.

Assignment of a Change Record to a New Version of the Production Model

When you choose the *Create Version* function to create a new version of a production model for the next change cycle, a poup appears, where you can directly assign the new version of the production model to a change record. See the help documentation for the *Create Version* button in the details screen of the app for more information.

Display of Editing Status in the Initial Screen

In the initial screen of this app, you can now see the editing status of each material production model listed in the *Material Production Models* table. This provides you with information on the production model's level of completion and whether it can be accessed. The editing status is displayed in blue in the *Group* column under the routing group ID.

Possible Editing Statuses in the Material Production Models Table

Editing Status	Meaning
Draft	This is your own draft
Unsaved Changes by Chris Smith	Active version with draft created by another user; no longer locked
Locked by Chris Smith	Active version with draft created by another user; locked
If no information is displayed in blue	This is an active version

Deletion of Multiple BOM Components and Instances

It is now possible to select multiple BOM components and/or multiple instances of a non-visual component in the *BOM Components* table and delete them in one step.

For more information, see How to Change or Delete Components and Component Assignments.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8259`
Application Component	`PP-PEO-MDL` (*Production Model*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

7.2.9 Manage Production Models - Engineer-To-Order

Business Details

The main new features in this app include:

- Mass maintenance of operations and operation activities
- Maintenance of reference designators for BOM items and instances
- Direct assignment of a change record during creation of a new production model version

Mass Creation of Operations and Operation Activities

You might want to maintain multiple operations and/or operation activities in one step to speed up production steps handling. The mass maintenance option lets you create, change and delete multiple operations or operation activities in a single dialog box.

For information, see How to Maintain Multiple Operations and How to Maintain Multiple Operation Activities.

Maintenance of Reference Designators

You can now maintain reference designators for BOM items and instances in the *BOM Components* table.

For more information, see How to Maintain Reference Designators in Production Models.

Assignment of a Change Record to a New Version of the Production Model

When you choose the *Create Version* function to create a new version of a production model for the next change cycle, a popup appears, where you can directly assign the new version of the production model to a change record. See the help documentation for the *Create Version* button in the details screen of the app for more information.

Display of Editing Status in Initial Screen

In the initial screen of this app, you can now see the editing status of each ETO production model listed in the *ETO Production Models* table. This provides you with information on the production model's level of completion

and whether you can access it. The editing status is displayed in blue in the *Group* column under the routing group key.

Possible Editing Statuses in the Material Production Models Table

Editing Status	Meaning
Draft	This is your own draft.
Unsaved Changes by Chris Smith	Active version with draft created by another user; no longer locked.
Locked by Chris Smith	Active version with draft created by another user; locked.
If no information is displayed in blue	This is an active version.

Deletion of Multiple BOM Components and Instances

It is now possible to select multiple BOM components and/or multiple instances of a non-visual component in the *BOM Components* table and delete them in one step.

For more information, see How to Change or Delete Components and Component Assignments.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID:`F7561`
Application Component	`PP-PEO-MDL` (*Production Model*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Production Models - Engineer-to-Order

7.2.10 Production Models for Unitized Materials

Business Details

The *Manage Production Models - Materials* app now supports the maintenance of production models for materials with unitized parameter effectivity. You can maintain BOM components, instances, operations and

operation activities and adjust component assignment for specific effectivity ranges of the unitized material. When you assign components to operation activities, the system provides you with visual support by setting an appropriately colored *Assignment Status*.

The production model inherits its header effectivity from the MBOM, which is the union of the effectivity ranges of all BOM items.

- If you create a new BOM component, you need to define a parameter effectivity range for it by choosing the *Details* chevron and entering the component's effectivity range in the *Parameter Effectivity* section. This range must be no greater than the production model header effectivity.
- If you create a new operation, it inherits its MBOM effectivity range from the production model header. You can change the effectivity range of an operation by choosing its *Details* chevron and maintaining the effectivity range in the *Parameter Effectivity* section.
- When you create a new operation activity, it inherits the effectivity range of the operation to which it belongs. You can also change the effectivity range of an operation activity.

When you assign components and instances with unitized parameter effectivity to operation activities, the effectivity range of the component/instance must be greater than or equal to the effectivity range of the operation activity to which you assign it. In addition, the complete effectivity range of the component must be assigned to one or more operation activities that completely cover the component's effectivity range before you can release the production model. For more information, see How to Assign Parameter-Effective Components.

The *Assignment Status* column in the *BOM Components* table indicates whether the BOM component is:

- Not yet assigned
- Fully assigned
- Partially assigned
- Over assigned
- Assigned outside its effectivity range

The assignment status of a BOM component is determined on the basis of both the assigned quantity and the effectivity range of the operation activity to which it is assigned. For more information, see the help documentation for the *Assignment Status* column in the app.

Implementation Details

Customizing

For more information on how to configure parameter effectivity for product unitization, see Settings for Product Unitization.

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F8259
Application Component	PP-PEO-MDL (*Production Model*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

7.2.11 Sales-Order-Specific Production Models for Non-Configurable Products

Business Details

The *Manage Production Models - Engineer-to-Order* app now supports the creation of ETO production models for non-configurable materials. You can use a sales order for a non-configurable material to create an ETO production model and engineer it further by adding components and production steps. This allows you to meet special customer requirements even if the material in the sales order is not configurable.

Additional Details

You can create an ETO production model based on a sales order for a material with a material type other than KMAT (Configurable Material), such as HALB (Semifinished Product) or FERT (Finished Product). This material can appear at any level of the BOM hierarchy and may consist of multiple BOM hierarchy levels.

You create a sales order for this material and follow the guided procedure in the *Manage Production Models - Engineer-to-Order* app to create an ETO production model based on this sales order. You can then add BOM components and production steps to this production model to engineer the material further, based on customer requirements. See the topics under the *Related Links* section for more information.

Implementation Details

Customizing

Production > *Manufacturing for Production Engineering and Operations* > *Production Engineering* > *Production Models* > *Configure the Details Page Layout*

In this Customizing activity, you define the layout options needed for the details screen of the *Manage Production Models - Engineer-to-Order* app. These options specify which tables to display in each screen segment. The system opens the details screen using the layout defined as the default here. For more information, see Settings for Production Models.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F7561`
Application Component	`PP-PEO-MDL` (*Production Model*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

How to Create ETO Production Models
BOM Component Handling
Production Steps Handling

7.3 Extended Production Operations

7.3.1 Production Control

7.3.1.1 Manage Production Orders

Business Details

This app now supports the exchange of components for global alternatives in addition to BOM item alternatives. As part of other enhancements, the app now lists any ECQ groups associated with a shop floor order and displays operations that belong to a parallel sequence.

Global Alternatives

A new column called *Available Alternative Type* has been added to the *Components* section to support the use of global alternatives in addition to BOM item alternatives. If an alternative component is available, this column contains the *Exchange* button and one of the following values:

- *Alternative Item Group*: You can exchange the component for a member of an alternative item group.
- *Simple Discontinuation*: You can exchange the component for the follow-up material defined using simple discontinuation.

EQC Groups

A new section called *EQC Groups* has been added to the details page. If a shop floor order is relevant for extended quality checks, this section lists any EQC groups that are associated with the order.

Parallel Sequences

In the *Order Schedule* section of the production order, you can check the scheduling of the operations in a parallel sequence. You can choose the *Graphical View* icon to display a flow diagram of the operations in their respective sequences.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F0273`
Application Component	`PP-PEO-SFO` (*Shop Floor Order Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Global Alternatives [page 637]

7.3.1.2 Change Production Order

Business Details

A new button called *Order-Specific Routing* has been added to this transaction. It can be used to create a new order-specific routing or change an existing order-specific routing for the specified shop floor order. The button navigates directly to the *Change Order-Specific Routing* transaction (`MSFR2`).

> **Note**
>
> This button is only visible if the *EPO* (*Extended Production Operations*) feature has been enabled for at least one plant.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `C002`
Application Component	`PP-PEO-SFO` (*Shop Floor Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

7.3.1.3 Manage Production Operations

Business Details

A new column called *Available Alt. Type* (available alternative type) has been added to the *Components* section to support the use of global alternatives in addition to BOM item alternatives. If an alternative component is available, this column contains the *Exchange* button and one of the following values:

- *Alternative Item Group*: You can exchange the component for a member of an alternative item group.
- *Simple Discontinuation*: You can exchange the component for the follow-up material defined using simple discontinuation.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2335`
Application Component	`PP-PEO-SFE` (*Shop Floor Execution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Global Alternatives [page 637]

7.3.1.4 Assign Work

Business Details

In this app, you can now display an *EQC Groups* column on the list page. This column shows EQC groups of the shop floor order that are valid for an operation activity.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F3435
Application Component	PP-PE0-SFE (*Shop Floor Execution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Extended Quality Check Groups [page 643]

7.3.2 Production Execution

7.3.2.1 My Work Queue

Business Details

This app has been enhanced with the following new features that enable you to:

- Copy a serial number group that was completed at the previous operation activity.
- Display EQC groups of a shop floor order that are valid for an operation activity.

Copying of Serial Number Groups

Previously, production operators had the option to copy a serial number directly after completing or skipping an operation activity in the *Process Serial Number Groups* app. If the system identified a unique successor operation activity for each member of the serial number group (within the same order or across orders), the system copied the serial number group to a new group at the next operation activity.

Now, before starting an operation activity, production operators have the option to copy an existing serial number group that was completed at the previous operation activity. This feature is designed for situations, for example, in which the operator who wants to perform an operation activity is not the same operator who completed the previous operation activity.

After selecting an operation activity, production operators can choose *Copy Serial Number Group* in the toolbar. A dialog opens in which the system lists any serial number groups that were completed at the previous operation activity and are available for processing at the selected operation activity. The production operator can select a group and choose *Copy*. The system copies the serial number group to a new group of the same name at the selected operation activity. By choosing *Copy and Execute*, the production operator can copy the group and immediately start processing the new group in the *Process Serial Number Groups* app.

EQC Groups

With the introduction of EQC groups in PEO, an *EQC Groups* column is now available in the view settings. This column shows EQC groups of the shop floor order that are valid for an operation activity.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F3499`
Application Component	`PP-PEO-SFE` (*Shop Floor Execution*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

How to Copy Serial Number Groups from Previous Operation Activity
Extended Quality Check Groups [page 643]

7.3.2.2 Perform Operation Activity

Business Details

This app has been enhanced with usability improvements relating to recording defects for serialized batch-managed components not yet assembled and viewing documents and attachments. Other enhancements include:

- Linking of alternative components to the 3D visual
- Selection of test equipment used for inspection characteristics
- App extensibility for key users

Recording Defects for Serialized Batch-Managed Components Not Yet Assembled

When recording a defect for a serialized batch-managed component that hasn't been assembled yet, you previously had to select the serial number and batch independently of each other. The system then cross-checked the entries and issued an error if the serial number didn't belong to the specified batch. To improve this process, the following improvements have been made:

- The input help for the *Batch* field has been removed.
- The input help for the *Serial Number* field has been enhanced. When selecting a defective serial number, you can now filter between assembled and available components.
- When you select the defective serial number, the system now populates the *Batch* field automatically.

Improved Usability When Displaying Documents and Attachments

You can now view documents and attachments in a preview popup. The document service control has been replaced by a responsive table to enable files to be previewed directly within the app. In the popup, you can navigate to the next file or download a file.

Linking of Alternative Components to the 3D Visual

The linking between a selected component and the part in the 3D visual now works correctly for alternative components being assembled (BOM item alternatives or global alternatives). When you select the component, it's highlighted in the 3D visual, and conversely.

Selection of Test Equipment Used for Inspection Characteristics

When collecting data for inspection characteristics, you can now select the actual test equipment used. The *More Details* dialog has been enhanced.

App Extensibility for Key Users

As a key user, you can now extend the app (for non-serialized and serialized products) according to your business needs. You can add custom fields to the app header and at component level.

Technical Details

Type	Changed
Functional Localization	Not localized
Scope Item	Not applicable
Technical Object Name	App ID: F2898 F8549
Application Component	PP-PE0-SFE (*Shop Floor Execution*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

App Extensibility: Perform Operation Activity (Key User)

7.3.2.3 Perform Operation Activity: Extensibility Enabled for Non-Serialized Production

Business Details

Custom fields can now be added to the header section of this app in a non-serialized production scenario. To support this extensibility, the *Perform Operation Activity* app has been split into two apps:

- Existing app: *Perform Operation Activity* (ID F2898)
  The existing app is now used to process operation activities for serialized products only.
- New app: *Perform Operation Activity* (ID F8549)
  The new app is used to process operation activities for non-serialized products.

There's no impact on the process flow from a user perspective. The system automatically navigates to the correct app based on the data entered by the user.

> **Note**
>
> For more information about defining your own custom fields in the header section of the app, see App Extensibility: Perform Operation Activity (Key User).

Implementation Details

To be able to work with both apps in release 2025, you need to adjust all the business catalogs that include these apps:

1. Start the SAP Fiori launchpad content manager.
2. Ensure that the business catalogs include target mappings to both apps – for serialized products and non-serialized products:
    1. For serialized products, target the mapping point to the *Perform Operation Activity* app with the app ID F2898:
        - Semantic Object: `ShopFloorItem`
        - Action: `processOA`
    2. For non-serialized products, target the mapping point to the *Perform Operation Activity* app with the app ID F8549:
        - Semantic Object: `ProductionOrderOperationActy`
        - Action: `process`

> **Note**
>
> For more details on performing the post-upgrade adjustments, see Follow-on Activities after SAP Fiori Upgrade.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F8549 F2898
Application Component	PP-PEO-SFE (*Shop Floor Execution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Perform Operation Activity

7.3.2.4 Action Handler to Update Equipment Hierarchy When As-Built Data Is Corrected

Business Details

This feature lets you use an action handler to update the equipment hierarchy for serialized materials based on corrections made to the as-built information.

Implementation Details

The action handler class `CL_MPE_OAC_TH_EQUIP_ASSY_CRRTN` is provided as sample code, which you can use to configure your own action handler.

> **Note**
>
> This feature is also available in 2023 FPS02 and FPS03. Learn more in SAP Note 3497344.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PP-PEO-SFE` (*Shop Floor Execution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

How to Update Equipment Hierarchy Based on Corrections to As-Built Information

7.3.3 Production Monitoring

7.3.3.1 Product Genealogy

Business Details

This app has been enhanced with the following new features:

- A column called *Component Alt. Type* has been added to support the tracking of global alternatives in addition to BOM item alternatives.
- Two columns (*Where-Used Type* and *Order*) have been added to the *Where-Used List* section.
- EQC groups assigned to an order can now be displayed.

Order Component Alternative Type

A new column called *Component Alt. Type* (*Order Component Alternative Type*) has been added to the *Traceable Components* and *Disassembled Traceable Components* tables to support the tracking of global alternatives in addition to BOM item alternatives. In cases when an alternative component exists, this column indicates whether the primary component (original BOM item) was assembled or whether an alternative component was assembled. An alternative component can be either a BOM item alternative or a global alternative. Currently, the following values are possible:

- *Primary*: original component
- *Alternative*: member of an alternative item group
- *Follow-Up*: follow-up material defined for simple discontinuation in the material master record

> **Note**
>
> This column contains a value only if an alternative component exists. Otherwise, it's blank.

Following the introduction of the new column, the previous *AIG Member* column has been removed.

Changes to Where-Used List

The *Where-Used List* section has been extended with the following two columns:

- *Order*: This column specifies the shop floor order in which current serial number was used.
- *Where-Used Type*: This column can have one of the following values:
  - *Assembly*: indicates that the current serial number was assembled as a component in the specified shop floor order or used in the parent serial number of a major assembly.
  - *Product Rework*: indicates that the current serial number was modified in the specified order for product rework.

EQC Groups

EQC groups that have been assigned to a shop floor order are now displayed in this app:

- An *EQC Groups* column is available on the list page.

  > **Note**
  >
  > If an order has been assigned more than one EQC group, the assigned EQC groups are displayed in a popup.

- An *EQC Groups* section has been added to the details page.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F2892
Application Component	PP-PE0-SFA (*Shop Floor Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Global Alternatives [page 637]
Product Rework [page 633]
Extended Quality Check Groups [page 643]

7.3.3.2 Order Genealogy

Business Details

This app has been enhanced with the following new features:

- A column called *Component Alt. Type* has been added to support the tracking of global alternatives in addition to BOM item alternatives.
- EQC groups assigned to an order can now be displayed.

Order Component Alternative Type

A new column called *Component Alt. Type* (*Order Component Alternative Type*) has been added to support the tracking of global alternatives in addition to BOM item alternatives. In cases when an alternative component exists, this column indicates whether the primary component (original BOM item) was assembled or whether an alternative component was assembled. An alternative component can be either a BOM item alternative or a global alternative. Currently, the following values are possible:

- *Primary*: original component

- *Alternative*: member of an alternative item group
- *Follow-Up*: follow-up material defined for simple discontinuation in the material master record

> **Note**
>
> This column contains a value only if an alternative component exists. Otherwise, it's blank.

Following the introduction of the new column, the previous *AIG Member* column has been removed.

EQC Groups

EQC groups that have been assigned to a shop floor order are now displayed in this app:

- An *EQC Groups* column is available on the list page.

  > **Note**
  >
  > If an order has been assigned more than one EQC group, the assigned EQC groups are displayed in a popup.

- An *EQC Groups* section has been added to the details page.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F5865
Application Component	PP-PE0-SFA (*Shop Floor Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Global Alternatives [page 637]
Extended Quality Check Groups [page 643]

7.3.3.3 Production Action Log

Business Details

This app has been enhanced with the following changes:

- New messages that log the exchange of components for global alternatives.
- New actions and messages related to product rework.

Global Alternatives

When a component is exchanged for a global alternative, a corresponding message is written to the production action log under the *Component Exchange* action.

Product Rework

The following new actions related to product rework have been added:

- `SAP_SFI_CLOSE_IN_ORDER` (*Close Execution of Serialized Product*): A message is written to the action log when execution of a shop floor order for a serialized product is closed due to a product rework order being created for the same serialized product.
- `SAP_SFI_UNDO_CLOSE_IN_ORDER` (*Reopen Execution of Serialized Product*): A message is written to the action log when execution of a shop floor order for a serialized product is reopened again, for example, if that serial number is removed from the product rework order.

Technical Details

Type	Changed
Functional Localization	Not localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2869`
Application Component	`PP-PEO-SFA` (*Shop Floor Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Global Alternatives [page 637]
Product Rework [page 633]

7.3.3.4 As-Built Report

Business Details

This app has been enhanced to support the tracking of global alternatives in addition to BOM item alternatives. Other enhancements include:

- A header field showing the main order status.
- A column showing the production status of serial numbers.
- A button to display product rework orders for a selected serialized material and branch to the *As-Reworked Report*.

Global Alternatives

A new column called *Component Alt. Type* (*Order Component Alternative Type*) has been added to support the tracking of global alternatives in addition to BOM item alternatives. In cases when an alternative component exists, this column indicates whether the primary component (original BOM item) was assembled or whether an alternative component was assembled. An alternative component can be either a BOM item alternative or a global alternative. Currently, the following values are possible:

- *Primary*: original component
- *Alternative*: member of an alternative item group
- *Follow-Up*: follow-up material defined for simple discontinuation in the material master record

> **Note**
>
> This column contains a value only if an alternative component exists. Otherwise, it's blank.

Following the introduction of the new column, the previous *AIG Member* column has been removed.

Order Status in the Header

A field displaying the main order status has been added to the header section.

Production Status of Serial Number

A new table column called *Production Status* has been added. This column displays the current status of each serial number shown in the multilevel hierarchy.

Navigation to As-Reworked Report

A button to display any existing product rework orders for a selected serialized material has been added to the toolbar. Details of the product rework orders for the given serial number appear on the right-hand side. A button to navigate to the *As-Reworked Report* is available in the toolbar.

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `MPE_AS_BUILT`
Application Component	`PP-PEO-SFA` (*Shop Floor Reporting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Global Alternatives [page 637]
As-Reworked Report [page 680]
Product Rework [page 633]

7.3.3.5 Compare As-Built with As-Planned

Business Details

This app has been enhanced with the following features:

- Tracking of global alternatives defined using simple discontinuation
- Linking of assembled alternative components to the 3D visual
- Comparison of MBOM version of subassembly based on different parameter effectivity

Tracking of Global Alternatives

A new column called *Component Alt. Type* (*Order Component Alternative Type*) has been added to support the tracking of global alternatives in addition to BOM item alternatives. In cases when an alternative component exists, this column indicates whether the primary component (original BOM item) was assembled or whether an alternative component was assembled. An alternative component can be either a BOM item alternative or a global alternative. Currently, the following values are possible:

- *Primary*: original component
- *Alternative*: member of an alternative item group
- *Follow-Up*: follow-up material defined for simple discontinuation in the material master record

> **Note**
>
> This column contains a value only if an alternative component exists. Otherwise, it's blank.

Following the introduction of the new column, the previous *AIG Member* column has been removed.

If a global alternative was assembled, the app indicates that a difference exists between the as-built and the as-planned. The *Planned Material* column contains the planned component (discontinued material) and the *Consumed Material* column contains the follow-up material that was assembled. In this case, the app doesn't consider this difference to be a deviation.

Linking of Assembled Alternative Components to the 3D Visual

If a BOM item alternative or global alternative was assembled and is part of the 3D visual, the linking between hierarchy and 3D visual now behaves as expected. When you select the component in the hierarchy, it's highlighted in the 3D visual, and conversely.

Comparison of Subassembly MBOM Version Based on Different Parameter Effectivity

A new button called *Compare Parameter Effectivity* has been added to the toolbar of the deviation list. This feature can help you assess whether to approve a deviation caused by a difference in parameter effectivity between a subassembly and its superordinate assembly.

The button enables you to compare the same MBOM version based on the two different parameter effectivity values. The resulting dialog box displays the details of the MBOM version used for the comparison. *A* is the parameter effectivity of the as-built subassembly. *B* is the planned parameter effectivity derived from the superordinate assembly in which the subassembly was consumed as a component. The *A/B* column indicates the comparison result:

A/B Column	Description
=	The component exists in the MBOM version for both parameter effectivity A and B.
A	The component only exists in the MBOM version for parameter effectivity *A*.
B	The component only exists in the MBOM version for parameter effectivity *B*.

By choosing *Show Differences*, you can filter the list to see all differences, only A, or only B. You can also clear the filter again.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `MPE_AS_BUILT_COMPARE`
Application Component	`PP-PEO-SFA` (*Shop Floor Reporting*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Global Alternatives [page 637]
Compare As-Built with As-Planned
How to Process Deviations Between As-Built and As-Planned

7.3.3.6 As-Reworked Report

Business Details

This new app can be used to check the as-reworked state of serialized products. The app has the same structure as the *As-Built Report*. For a selected product rework order or serialized material, this report provides a multilevel overview of what materials have been assembled or disassembled up to the current date or a specific date. This app can be accessed on SAP Fiori launchpad or using transaction `MPE_AS_REWORK`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `MPE_AS_REWORK`
Application Component	`PP-PEO-SFA` (*Shop Floor Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Product Rework [page 633]
As-Reworked Report

8 R&D/Engineering

8.1 Enterprise Portfolio and Project Management

8.1.1 Project System

8.1.1.1 Enable Copying of Standard Project and Include WBS in Project API

Business Details

The API supports creation of an operative project by copying from a standard template. You can also enhance the structure by including a WBS Element structure.

The copy functionality enables the copy of the project hierarchy, including sub-objects, like the WBS elements, standard networks, network activities, milestones, materials, services, relationships etc. that are present as part of the template.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`API_PROJECT_V3`
Application Component	`PS-ST` (*Structures*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Create Project by Copying from Standard Template
Include Standard WBS Element in a Project

8.1.1.2 Release of Project System Objects

Released BAdIs

The following BAdIs have been released in SAP S/4HANA 2025 FPS00:

- DIP_AD010003_DC
- DIP_AD010003_IC
- DIP_AD010005
- DIP_CHARACT_SEQUENCE
- DIP_CHECK_INPUT_OBJ
- DIP_CREATE_FOLLOW_UP
- DIP_GET_SEL_DATA
- DIP_INFLUENCE_GUI
- DIP_SET_USERSETTINGS
- DPBP_INFLUENCE_PROC
- KAOV_ORD_PLD_REVENUE
- BADI_KAOV_PLANNED_REVENUES
- PROJECTDEF_UPDATE
- BADI_SAPLCJDB
- BADI_SD_UPDATE_PLVAL

Released CDS Views

The following CDS Views have been released in SAP S/4HANA 2025 FPS00:

- I_CAPACITYREQUIREMENTDISTRKEY
- I_CAPREQUIREMENTDISTRKEYTEXT
- I_NETWORKACTIVITYBYINTERNALKEY
- I_NETWORKPROFILE
- I_NETWORKPROFILETEXT
- I_PRIORITYCODE
- I_PRIORITYCODETEXT
- I_PROJECTMATERIALCOMPONENTDATA
- I_PROJECTMATERIALCOMPBASICDATA
- I_PROJMATERIALPROCMTTYPETEXT
- I_PROJMATERIALPROCUREMENTTYPE
- I_PROJNETWORKACTYMILESTONEDATA
- I_PROJECTNETWORKRELATIONSHIP
- I_WBSELEMENTMILESTONEDATA

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	PS-ST (*Structures*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

CDS Views for Project Systems

8.1.1.3 Extension for Project and Project Network API

Business Details

Project and Project Network APIs have been enhanced with new fields.

- For Project and WBS element, the field ObjectNumber (OBJNR) has been added.
- For Project Network, the fields ControllingObject and ProjectNetworkObject have been added.
- For Network Activity and Network Activity Element, the fields ControllingObject and NetworkActivityObject have been added.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable

Technical Object Name	`API_PROJECT_V3` `API_PROJECTNETWORK`
Application Component	`PS-ST` (*Structures*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Project
Project Network

8.1.1.4 Renaming of App: Product Overview to Product Component Overview

Business Details

The Fiori app *Product Overview* (App ID F1971) has been renamed to *Product Component Overview*.

With this app, you can display the master data details of material or service components that are assigned to network activities.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: F1971
Application Component	`PS-FIO` (*Fiori UI for Project Systems*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Product Component Overview

8.1.1.5 Extension of Project Claim API to Read Partner Information

Business Details

The Project Claim API has been extended to read partner information related to project claims.

The service is based on the OData V4 protocol and can be consumed by apps and other user interfaces.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`API_PROJECTCLAIM`
Application Component	`PS-ST` (*Structures*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Project Claim - Read
Operations for Project Claim

8.1.1.6 Project Scheduling via Project API

Business Details

The Project service has been updated. Now it is possible to schedule a project or its sub-hierarchy, including all assigned activities.

The service is based on the OData V4 protocol and can be consumed by apps and other user interfaces.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`API_PROJECT_V3`
Application Component	`PS-ST` (*Structures*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Project
Schedule of Overall Project
Schedule of Overall WBS Element

8.1.1.7 Simplified Object-Based Authorization for Project System

Business Details

A new simplified authorization concept, Object-Based Authorization is now available within the Project System.

The new Object-Based Authorization (OBA) concept allows easy control of user-access to individual project objects for selected use cases and transactions. Authorizations are granted for users or user groups for these project objects. This enables customers to implement a finer granular authorization concept for project changes within their company.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	PS-ST (*Structures*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Object-Based Authorization

8.1.1.8 Project Schedule App Enhancements

Business Details

The Project Schedule App has been enhanced to optimize data retrieval. The app currently reads data from a new database table to obtain the hierarchy for projects, WBS elements, and networks related to operational project data. During the upgrade, the new database table is automatically filled via silent data migration. The utility report *PS_PROJECT_HIERARCHY_REBUILD* is available to trigger a specific update of the new database table for selected objects.

Additional authorization checks for maintenance orders and operations based on the authorization objects`I_AUART`, `I_IWERK`, and `I_KOSTL` have been added. Authorizations for WBS elements specified via user fields (`C_PRPS_USR`) are now also considered in the Project Schedule App.

Technical Details

Type	Changed
Functional Localization	Not applicable

Scope Item	Not applicable
Technical Object Name	App ID: F5611 `UI_PS_PROJECT_SCHEDULE_SRV`
Application Component	`PS-ST` (*Structures*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

App Implementation: Project Schedule

8.1.2 Commercial Project Management

8.1.2.1 Project Workspace

8.1.2.1.1 Multilingual Support for Generating Commercial Project Status and Trend Reports

Business Details

This feature enables a project's status report to be available in various languages and accessible to the stakeholders in their respective login language.

Implementation Details

Effects on Existing Data

None

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-CPD-WS` (*Project Workspace for Commercial Projects (SAP S/4HANA)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025
Web Dynpro Application	`/CPD/PWS_WS_STATUS_TREND`
Application Configuration	`/CPD/PWS_WS_MP_STATUS_TREND`

8.1.2.1.2 Procurement View: Displaying and Navigating to Entry Sheet

Business Details

You have enabled the new Lean Service Procurement (for more details refer to this blog). You are tracking the procurement against purchase orders via lean service entry sheets. With this feature, you can display the list of service entry sheets that were created against certain purchase orders using the *Manage Service Entry Sheets* app. You can also navigate to the *Manage Service Entry Sheets* app from the *Purchase Order and Service Entry Sheet* list view.

Implementation Details

Effects on Existing Data

none

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Web Dynpro Configuration: `/CPD/PWS_WS_PO_LIST`
Application Component	`CA-CPD-WS` (*Project Workspace for Commercial Projects (SAP S/4HANA)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025
Web Dynpro Application	`/CPD/PWS_WS_MP_ANALY_APP`
Application Configuration	`/CPD/PWS_WS_MP_WORKSPACE_APPL`

8.1.2.1.3 Project Cost and Revenue Planning

8.1.2.1.3.1 Improved Usability: Value Help for Resource ID in Quick Financial Planning Page

Business Details

With this new value help feature, you can easily search for the appropriate resources for planning a commercial project using the *Quick Financial Planning* page. This feature is enabled for planning, forecasting, and change request planning with monthly and fiscal period breakdown.

For additional details, refer to 3592656.

Implementation Details

Effects on Existing Data

none

Technical Details

Type	Changed
Functional Localization	No localization

Scope Item	Not Applicable
Technical Object Name	Not Applicable
Application Component	`CA-CPD-FP` (*Project Financials for Commercial Projects (SAP S/4HANA)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025
Web Dynpro Application	`/CPD/WDA_FIN_PLANNING_APPL`
Application Configuration	`/CPD/APP_CFG_QUICK_FIN_PLAN`

8.1.2.1.3.2 Cost and Revenue Planning for Service Material

Business Details

With this feature, you can perform the following actions on service materials for planned or unplanned services:

- Use new resource types for service materials in project financial planning
- Transfer planned service materials to assigned projects in *Project System* using predefined transfer methods
- Import service materials from projects in *Project System* to a commercial project
- Generate forecasts for service materials.

For more details about Lean Service Procurement and service materials, refer to this blog.

Implementation Details

Two new resource types `0PLS` (Planned Lean Services) and `0ULS` (Unplanned Lean Services) are available in Resource Type Customizing at *Commercial Project Management* > *Project Cost and Revenue Planning* > *Define Resource Types*. Service materials are valuated as per the pricing maintained in the material master during forecasting.

To transfer the planned costs and quantities of the service materials to the assigned PS project, use the transfer method `0TRANS_LEAN_SERVICES` (Transfer Lean Services Cost & Quantity).

To import the costs and quantities for service materials, use the import methods `0IMPORT_NWA_LEAN_COST` (Unplanned Lean Service Cost Import) and `0IMPORT_NWA_LEAN_QTY` (Planned Lean Service Quantity Import).

Effects on Existing Data

none

Technical Details

For transferring planned costs and quantities:

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Class: `/CPD/CL_PFP_SC_NWA_MAT`
Application Component	`CA-CPD-FP` (*Project Financials for Commercial Projects (SAP S/4HANA)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

For importing costs and quantities from PS projects:

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Class: `/CPD/CL_PFP_UPWARD_LEAN_SERV`
Application Component	`CA-CPD-FP` (*Project Financials for Commercial Projects (SAP S/4HANA)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Implementing Class for Service Material Resource Type:

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Class: `/CPD/CL_PFP_RESTYPE_MAT`
Application Component	`CA-CPD-FP` (*Project Financials for Commercial Projects (SAP S/4HANA)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025

8.1.3 SAP Portfolio and Project Management

8.1.3.1 Portfolio Management

8.1.3.1.1 Enable Fiscal Year Support for Portfolio Financial and Capacity Planning API

Business Details

To enable retrieval and update of fiscal year based planning values via the OData API for Project Portfolio, the persistency layer has been enhanced. The portfolio financial and capacity planning tables for item and bucket have been enhanced with new fields to persist additional information.

The additional fields are filled automatically during upgrade in a silent data migration.

Implementation Details

Five new fields *FISCALYEARVARIANT*, *FISCALYEAR*, *FISCALPERIOD*, *FISCALYEARPERIOD*, and *PERIODSTARTDATE* have been added to the following tables:

- /RPM/FIN_B_PLAN and /RPM/CAP_B_PLAN tables for portfolio bucket
- /RPM/FIN_PLAN and /RPM/CAP_PLAN tables for portfolio item

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`API_PROJECTPORTFOLIO`
Application Component	`PPM-PFM` (*Portfolio Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025

Related Information

Project Portfolio

8.1.3.1.2 Transfer Financial and Capacity Plan Data from SAP Analytics Cloud to Portfolio Management using SAP Fiori Apps

Business Details

This integration leverages a framework from finance to transfer data from SAP Analytics Cloud to SAP S/4HANA. New target types have been added to support Write-Back for portfolio bucket and item's financial and capacity planning.

After you complete your financial and capacity planning in SAP Analytics Cloud, you can transfer your data back to Portfolio Management Financial and Capacity Planning tables in SAP S/4HANA.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PPM-PFM` (*Portfolio Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Transfer Financial and Capacity Plan Data from SAP Analytics Cloud to Portfolio Management

8.1.3.1.3 Default Project Settings based on Item Type in Decision Flow Management

Business Details

Default project settings based on item type are now available in Decision Flow Management.

While creating a project, if an item template does not have specific mapping to a Project System project template, then the mappings defined in customizing for the template's item type are taken into consideration.

The mappings are defined in the following customizing:

SAP Portfolio and Project Management > *Portfolio Management* > *Global Customizing* > *Portfolio-Independent Settings* > *Map Item Type to Project or PS or Commercial Project*

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PPM-PFM` (*Portfolio Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Item Creation from Item Template

8.1.3.1.4 Release of Portfolio Management Objects

Released CDS Views

The following CDS views for Portfolio Management have been released in SAP S/4HANA 2025 FPS00:

- I_PRJPRTFLOINITVCAPPLANDATA
- I_PRJPRTFLOINITVFINPLANDATA
- I_PROJECTPORTFOLIOINITIATIVE
- I_PROJPORTFOLIOINITVOBJECTLINK
- I_PROJPRTFLOINITVDECISIONPOINT

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`API_PROJECTPORTFOLIO`
Application Component	`PPM-PFM` (*Portfolio Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

CDS Views for Portfolio Management

8.1.3.1.5 Deprecation of Unused Function Modules for Microsoft Project Integration

Business Details

The following function modules related to Microsoft Projects integration in Portfolio Management have been deprecated:

Function group: /RPM/INTEGRATIONMSP

List of function modules:

- /RPM/MSPC_DOWNLOAD
- /RPM/MSPC_UPLOAD
- /RPM/MSPS_DOWNLOAD
- /RPM/MSPS_GET_COOKIE
- /RPM/MSPS_UPLOAD

There is no impact on the existing functionality of the Microsoft Project integration as described in Export or Import Data from or to Microsoft Project.

Technical Details

Type	Deprecated
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PPM-PFM` (*Portfolio Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

8.1.3.1.6 Portfolio Management: Small Enhancements as Part of SAP Continuous Influence Program

Business Details

Improvements in the *Portfolio Management* component are available to you in the context of the SAP Continuous Influence Program for Portfolio and Project Management. These improvements are based on proposals submitted by customers through this program.

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
PPM-PFM (*Portfolio Management*)	Setting up Business Partner Availability Without IDOC Configuration	S4CORE 109	New	299764	3443317
PPM-PFM (*Portfolio Management*)	Default Values Can be Set for *Create Project Version* and *Version Type*	S4CORE 109	New	307032	3470328
PPM-PFM (*Portfolio Management*)	RFC Desitnation Can be Specified in `/RPM/FICO_INT_PLANNING` Report When the Logical System and RFC Destination are Different	S4CORE 109	New	306217	3485148
PPM-PFM (*Portfolio Management*)	Mass Analysis of Change Documents with Report `/RPM/CDOC_ANALYZE`	S4CORE 109	New	314598	3560661

These improvements are valid for all countries.

For more information about SAP Continous Influence Program, see https://influence.sap.com.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Not applicable
Application Component	`PPM-PFM` (*Portfolio Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.1.3.1.7 Enable Create, Update and Delete of Portfolio Items in the Project Portfolio API

Business Details

The Project Portfolio API has been enhanced to enable create, update and delete of Project Portfolio Items. It also enables update of the decision points.

The service is based on the OData V4 protocol and can be consumed by apps and other user interfaces.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`API_PROJECTPORTFOLIO`
Application Component	`PPM-PFM` (*Portfolio Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Project Portfolio
Operations for Project Portfolio

8.1.3.1.8 Enable Reading of Portfolio Initiatives in the Project Portfolio API

Business Details

The Project Portfolio API has been enhanced to enable read of Project Portfolio Initiatives and Project Portfolio Initiatives Decision Points. This includes reading of attributes, statuses, object links and also financial and capacity planning information.

The service is based on the OData V4 protocol and can be consumed by apps and other user interfaces.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`API_PROJECTPORTFOLIO`
Application Component	`PPM-PFM` (*Portfolio Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Project Portfolio
Read

8.1.3.2 Project Management

8.1.3.2.1 Enable Archiving of Simplified Authorizations in Project Management

Business Details

This function enables archiving of simplified authorization management data in a Project Management project. When a project in Project Management is archived, the relevant table entries for simplified authorization management are also archived.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PPM-PRO` (*Project Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Authorizations in Project Management

8.1.3.2.2 Release of Project Management Objects

Released CDS Views

The following CDS views for Project Management have been released in SAP S/4HANA 2025:

- I_DEVPROJRESPONSIBLE_2
- I_DEVPROJROLESTAFFING_2

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`API_DEVELOPMENTPROJECT`
Application Component	`PPM-PRO` (*Project Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

CDS Views for Project Management

8.1.3.2.3 Project Management: Small Enhancements as Part of SAP Continuous Influence Program

Business Details

Improvements in the *Project Management* component are available to you in the context of the SAP Continuous Influence Program for Product Lifecycle Management. These improvements are based on proposals submitted by customers through this program.

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
PPM-PRO (*Project Management*)	Distribute Remaining Work in Role-Task Assignments	S4CORE 109	New	301283	3421220
PPM-PRO (*Project Management*)	Task ID is Editable	S4CORE 109	New	304020	3433872
PPM-PRO (*Project Management*)	Task Type Configuration for Milestones and Replication	S4CORE 109	New	304965	3435161

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
PPM-PRO (*Project Management*)	Superuser Authorization	S4CORE 109	New	309082	3479616
PPM-PRO (*Project Management*)	Set the Search Help for *Staffing of PPM Project*	S4CORE 109	New	311455	3501948
PPM-PRO (*Project Management*)	Individual Phase/Task Transfered to Project System Based on Status	S4CORE 109	New	301505	3544740
PPM-PRO (*Project Management*)	Gantt Chart Legend	S4CORE 109	New	310974	3486391
PPM-PRO (*Project Management*)	Uniqueness Check for Project Element Phase and Tasks	S4CORE 109	New	318743	3591747
PPM-PRO (*Project Management*)	Include Multiple Roles	S4CORE 109	New	313428	3571638
CO-PC-OBJ (*Cost Object Controlling*)	Define Whether WBS Element Tasks and Checklist Items IDs End with *TTO*	S4CORE 109	New	312810	3529569

These improvements are valid for all countries.

For more information about SAP Continuous Influence Program, see https://influence.sap.com.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PPM-PRO` (*Project Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.1.3.2.4 Enable Reading of Distribution Values for Resource Management in the Development Project API

Business Details

The Development Project API has been enhanced to enable read of distributed values of project roles and project role staffing.

The service is based on the OData V4 protocol and can be consumed by apps and other user interfaces.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`API_DEVELOPMENTPROJECT`
Application Component	`PPM-PRO` (*Project Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Development Project - Read
Read

8.1.3.2.5 Deprecation of Project Management Objects

Released CDS Views

The following CDS views for Project Management have been deprecated in SAP S/4HANA 2025 FPS00:

- I_DEVPROJRESPONSIBLE
- I_DEVPROJROLESTAFFING

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`API_DEVELOPMENTPROJECT`
Application Component	`PPM-PRO` (*Project Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

CDS Views for Project Management

8.2 Integrated Product Development for Discrete Industries

8.2.1 New Customizing Option for Defining Visual Enablement

Business Details

The Customizing activity *Define Visual Enablement* has been enhanced. In this Customizing activity, you can select a conversion engine for the generation and retrieval of 3D visualizations for bill of material or document info record data. You can now select how the system should handle the BOM explosion and visualization depending on the status of the existing BOM versions.

Implementation Details

Customizing

You can use the *Version Status in BOM Explosion* field to select how the system should handle the BOM explosion and visualization depending on the status of the existing BOM versions: If you choose *Latest Saved*, the system uses the BOM version that was last saved as a basis for the BOM explosion and visualization.

If you choose *Latest Released*, the version that was released most recently is used. Obsolete versions are disregarded.

You can find the Customizing activity *Define Visual Enablement* in the SAP Customizing Implementation Guide (transaction *SPRO*) under *Cross-Application Components* > *Document Management* > *Visual Enablement*.

Follow the system documentation or field help to perform the necessary customization.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-DMS-CNV` (*DMS Integration for Viewer/CAD integration*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Backend Configuration and Logging for Visual Enablement

8.2.2 Support of Additional File Types and Caching for Visuals Retrieval: Visualize Document Info Record App

Business Details

With this feature, you can enable the caching of 3D files during the retrieval of visuals from the SAP Document Management service on BTP for optimized application performance.

The *Visualize Document Info Record* app enables you to see 3D representations of specific product configurations based on a document info record (DIR). One option for data visualization is the retrieval of 3D models from the SAP Document Management service on BTP. We recommend that you use caching to optimize the application performance for larger file numbers or bigger monolithic 3D models. For information on how to enable caching, see the section *Enabling Caching for Visuals Retrieval* in Frontend Configuration for Visual Enablement.

Moreover, the system can now handle additional file types, for example, `.png` and `.jpeg`.

Implementation Details

Authorizations

You must be assigned to the BOM Engineer role (`SAP_BR_BOM_ENGINEER`) to access this app.

Customizing

You can customize your system for visual enablement in the Implementation Guide (IMG) (transaction `SPRO`) under *Logistics* > *General* > *Product Lifecycle Management* > *Document Management* > *Visual Enablement* > *Define Visual Enablement*. The use of the caching function does not require additional customization.

Follow the system documentation to configure the required enablement strategy.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F7803`
Application Component	`CA-DMS-CNV` (*DMS Integration for Viewer/CAD integration*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Visualize Document Info Record

8.2.3 Show Manipulations in Shattered BOM Visualization

Business Details

In the *Visualize Document Info Record* app, manipulations are now visible in the visualization of shattered bills of material.

A BOM component may have differing characteristics depending on the assembly where it is used, for example, a different color. These differences are now visible in the BOM visualization of the *Visualize Document Info Record* app. The underlying document does not change.

Implementation Details

Authorizations

You must be assigned to the BOM Engineer role (`SAP_BR_BOM_ENGINEER`) to access this app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F7803`
Application Component	`CA-DMS-CNV` (*DMS Integration for Viewer/CAD integration*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Visualize Document Info Record

8.2.4 Caching for Visuals Retrieval: Visualize Bill of Material App

Business Details

With this feature, you can enable the caching of 3D files during the retrieval of visuals from the SAP Document Management service on BTP for optimized application performance.

The *Visualize Bill of Material* app enables you to see what your product model looks like directly from the **Maintain Bill of Material** app. One option for data visualization is the retrieval of 3D models from the SAP Document Management service on BTP. We recommend that you use caching to optimize the application performance for larger file numbers or bigger monolithic 3D models. For information on how to enable caching, see the section *Enabling Caching for Visuals Retrieval* in Frontend Configuration for Visual Enablement.

Implementation Details

Authorizations

You must be assigned to the BOM Engineer role (`SAP_BR_BOM_ENGINEER`) to access this app.

Customizing

You can customize your system for visual enablement in the Implementation Guide (IMG) (transaction `SPRO`) under *Logistics* > *General* > *Product Lifecycle Management* > *Document Management* > *Visual Enablement* > *Define Visual Enablement*. The use of the caching function does not require additional customization.

Follow the system documentation to configure the required enablement strategy.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F7802`
Application Component	`CA-DMS-CNV` (*DMS Integration for Viewer/CAD integration*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Visualize Bill of Material

8.2.5 Enhanced Filtering Options and Usability for BOM Visualizations

Business Details

The *Visualize Bill of Material* app enables you to see what your product model looks like directly from the **Maintain Bill of Material** app. You can update the visualization of a BOM explosion directly in the app, using new filters for *Explosion Date*, *Application*, and *Version Handling*, for example, the *Latest released* version. In *Configuration Handling*, you can visualize a BOM according to one of its existing configuration models (see also *Configuration Handling* in Backend Configuration and Logging for Visual Enablement). You can select a configuration according to certain criteria, for example, *Created By User* or *Configuration Owner*.

Filters enable you to change the visualization without modifications in the source app.

The usability of the *Visualize Bill of Material* app has been enhanced: In the BOM header, you can now see the description of the *Usage* (for example, Engineering/Design) along with its number. The creation date of the BOM is also displayed. In the BOM component list, you can add columns to display additional attributes, for example, to display information about the creation or the relevance of the BOM. You can save a certain attribute selection as additional view.

Implementation Details

Authorizations

You must be assigned to the BOM Engineer role (`SAP_BR_BOM_ENGINEER`) to access this app.

Customizing

You can customize your system for visual enablement in the Implementation Guide (IMG) (transaction SPRO) under *Logistics* > *General* > *Product Lifecycle Management* > *Document Management* > *Visual Enablement* > *Define Visual Enablement*. The *Version Status in BOM Explosion* checkbox defines the BOM explosion and visualization depending on the status of the existing BOM versions. If you choose *Latest Saved*, the system uses the BOM version that was last saved as a basis for the BOM explosion and visualization. Obsolete versions are disregarded.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F7802`
Application Component	`CA-DMS-CNV` (*DMS Integration for Viewer/CAD integration*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Visualize Bill of Material

8.2.6 Improved Sorting of Characteristics and Static Defaults

Business Details

This functional improvement allows you to rely on characteristics being sorted by their names. In the past, the behavior of the AVC configuration model was in part determined by the internal identifiers of the characteristics, and these internal identifiers may differ from system to system for the same model. However, fixing this issue may result in changing model behavior. This *feature* will not automatically be available in your system but requires that you activate the *feature Reliable Characteristics Sorting Order for Static Defaults* (VCH_CSTIC_SORTING_STAT_DEFAULT) in the configuration activity *Activate Features*. You can turn on the new behavior in your test system.

You should check the following things before and after turning on the feature in your test system:

- The order in which static defaults are applied may have changed. This may result in altered model behavior if some pair of static defaults can't be applied simultaneously. This either-or situation could, for example, be enforced by a constraint. Without turning on the feature, the system behavior here is very intransparent. So, it can happen that, after turning on the feature, a different value is applied than before because the new logic determines that the default for the characteristic with the alphabetically minor name is used.
- The order in which procedures attached to characteristics or characteristic values are executed may have changed. Now, the characteristics are processed on each instance in alphabetical order (multiple procedures attached to different values of one characteristic had already been sorted alphabetically regarding the values before introducing the feature).

To address potential issues, we recommend the following:

- The ordering of static defaults is determined by the characteristics' names. Renaming a characteristic is one option to fix issues, but it may not be desirable. An alternative solution is to move away from a static default and use a dynamic default set via procedure instead (where you can determine the setting of defaults via the sorting order).
- For issues with procedures attached to characteristics or characteristic values, we recommend attaching procedures to the profile instead. For a procedure attached to the characteristic, a "SPECIFIED CHARACTERISTIC" must be added to the IF condition, whereas for the value case, it is "CHARACTERISTIC = VALUE."

Once you're satisfied with the model behavior, you can switch on the feature in production.

> **Note**
>
> As of the releases SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2027, the feature is switched on by default and can't be switched off anymore (general release).

Implementation Details

Activate the feature *Reliable Characteristics Sorting Order for Static Defaults* (VCH_CSTIC_SORTING_STAT_DEFAULT) in your test system.

For more information, see Activate Features.

Effects on Existing Data

As described above, the model behavior can differ depending on the activation of the feature. This pertains to the Variant Configuration Modeling Environment (PMEVC) and the valuation screen. Existing configurations are impacted only when opened in change mode and saved again.

Technical Details

Type	Changed
Functional Localization	No localization

Scope Item	1YT (Make-to-Order Production with Variant Configuration) 21D (Make-to-Stock Production with Variant Configuration) 22T (Set Up Configurable Model using Variant Configuration) 2XU (Procurement of Materials with Variant Configuration) 4OC (Make-to-Order Production for Sales Kits with Variant Configuration) 4R6 (Sales Processing using Third-Party with Variant Configuration) 4R8 (Engineer-to-Order Production with Variant Configuration) 55E (Lot Size of One with Advanced Variant Configuration) 6BU (Solution Order – Advanced Product Bundling) 6GC (Intercompany Sales Order Processing - Make-to-Order) 6GS (Service Management with Advanced Variant Configuration) 6GU (Service Contract Management with Advanced Variant Configuration) 6HY (Solution Order Management with Advanced Variant Configuration)
Technical Object Name	App ID: `PMEVC`
Application Component	`LO-VCH-ENG-AFL` (*C++ part of VC on SAP HANA core engine*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

8.2.7 Improved Numerical Value Handling

Business Details

This feature enables you to search for numerical values in the value help for characteristic values more easily. Numbers like 42 aren't treated like strings; a search for a number returns the exact match. Search in intervals (searching for "7" can find "5-9"), and the use of different formatting is also supported.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	4R8 (Engineer-to-Order Production with Variant Configuration) 21D (Make-to-Stock Production with Variant Configuration) 55E (Lot Size of One with Advanced Variant Configuration) 1YT (Make-to-Order Production with Variant Configuration) 2XU (Procurement of Materials with Variant Configuration)
Technical Object Name	App ID: `F2348`
Application Component	`LO-VCH-FIO-VAL` (*Valuation Screen of Advanced Variant Configuration*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

8.2.8 UI Input Control Selection on Characteristic Group Level

Business Details

This feature enables you to conveniently specify the appearance and use of a characteristic on the evaluation screen. In the *Manage Characteristic Groups* app, you can select a pre-defined UI input control type for each characteristic. Apart from the 'default' option, which results in the ordinary look and feel, you can make characteristic values selectable with four other UI input control types: radio buttons, dropdowns, checkboxes, and input fields.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	21D (Make-to-Stock Production with Variant Configuration) 2XU (Procurement of Materials with Variant Configuration) 1YT (Make-to-Order Production with Variant Configuration) 55E (Lot Size of One with Advanced Variant Configuration) 22T (Set Up Configurable Model using Variant Configuration) 6GS (Service Management with Advanced Variant Configuration) 4R8 (Engineer-to-Order Production with Variant Configuration) 4R6 (Sales Processing using Third-Party with Variant Configuration) 6HY (Solution Order Management with Advanced Variant Configuration) 6GU (Service Contract Management with Advanced Variant Configuration) 4OC (Make-to-Order Production for Sales Kits with Variant Configuration)
Technical Object Name	App ID: `F2348`
Application Component	`LO-VCH-FIO-VAL` (*Valuation Screen of Advanced Variant Configuration*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

8.2.9 Transaction Code CU_EXCL_CSTIC (Deprecated)

Business Details

The old ABAP transaction code *CU_EXCL_CSTIC* is deprecated and will soon be marked obsolete. The succeeding Fiori app, *Manage Characteristic Exclusions*, released with SAP S/4HANA 2022, covers all features of *CU_EXCL_CSTIC*. We recommend that you use the Fiori app as of now.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	22T (Set Up Configurable Model using Variant Configuration)
Technical Object Name	`Not applicable`
Application Component	`LO-VCH` (*Variant configuration on HANA*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Characteristic Exclusions

8.2.10 Variant Configuration Characteristic Search with Navigation

Business Details

You can now search for characteristics across characteristic groups and configurable components of the BOM. From the search results, you can navigate directly to a characteristic.

The following are the key features:

- You can search for characteristics using a case-insensitive characteristic name, characteristic description, or both, depending on the user's settings.
- Hidden characteristics are only included in the search if the user's setting is switched on.
- Search is executed across characteristic groups and configurable components of the BOM.
- After running the search, you get a list of characteristics on the search result screen.
- From the search result screen, you can assign or remove values.
- View the related characteristic group and the configurable component of the BOM where the characteristic is located.
- Navigate to a characteristic directly from the search results.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	21D (Make-to-Stock Production with Variant Configuration) 2XU (Procurement of Materials with Variant Configuration) 1YT (Make-to-Order Production with Variant Configuration) 55E (Lot Size of One with Advanced Variant Configuration) 22T (Set Up Configurable Model using Variant Configuration) 6GS (Service Management with Advanced Variant Configuration) 4R8 (Engineer-to-Order Production with Variant Configuration) 4R6 (Sales Processing using Third-Party with Variant Configuration) 6HY (Solution Order Management with Advanced Variant Configuration) 6GU (Service Contract Management with Advanced Variant Configuration) 4OC (Make-to-Order Production for Sales Kits with Variant Configuration)
Technical Object Name	App ID: `F2348`
Application Component	`LO-VCH-FIO-VAL` (*Valuation Screen of VC on HANA*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Variant Configuration Characteristic Search

8.2.11 Improved Indicator for Incomplete Characteristics

Business Details

This feature makes it easier to find unvaluated mandatory characteristics (incomplete characteristics) on the valuation screen. In addition to the general warning that your configuration is incomplete, you can now see orange frames highlighting the incomplete characteristics.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	21D (Make-to-Stock Production with Variant Configuration) 2XU (Procurement of Materials with Variant Configuration) 1YT (Make-to-Order Production with Variant Configuration) 55E (Lot Size of One with Advanced Variant Configuration) 22T (Set Up Configurable Model using Variant Configuration) 6GS (Service Management with Advanced Variant Configuration) 4R8 (Engineer-to-Order Production with Variant Configuration) 4R6 (Sales Processing using Third-Party with Variant Configuration) 6HY (Solution Order Management with Advanced Variant Configuration) 6GU (Service Contract Management with Advanced Variant Configuration) 4OC (Make-to-Order Production for Sales Kits with Variant Configuration)
Technical Object Name	App ID: `F2348`
Application Component	`LO-VCH-FIO-VAL` (*Valuation Screen of VC on HANA*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025

8.2.12 Export BOM Structure

Business Details

This feature lets you download the Bill of Materials (BOM) hierarchy displayed in the structure panel as spreadsheet file.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1YT (Make-to-Order Production with Variant Configuration)
Technical Object Name	Not applicable
Application Component	`LO-VCH` (*Advanced Variant Configuration*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Export BOM Structure

8.2.13 Import Sales Document Configuration

Business Details

With this feature, during a sales document item configuration, you can now import the configuration (user-assigned and external values) of a previous sales document item, so you do not have to enter the values manually.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1YT (Make-to-Order Production with Variant Configuration)
Technical Object Name	Not applicable
Application Component	`LO-VCH` (*Advanced Variant Configuration*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Import Sales Document Configuration

8.3 Integrated Product Development for Process Industries

8.3.1 Routing: Small Enhancements as Part of SAP Continuous Influence Program

Improvements in the *Routing* component are available to you in the context of the SAP Continuous Influence Program for Product Lifecycle Management. These improvements are based on proposals submitted by customers through this program.

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
LO-EWB (*Engineering Workbench*)	Mass Creation of Material-Plan Assignments	`S4CORE 109`	New	306107	3421682

These improvements are valid for all countries.

For more information about SAP Continous Influence Program, see https://influence.sap.com.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`LO-EWB` (*Engineering Workbench*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4 Product Compliance

8.4.1 Foundation for Product Compliance

8.4.1.1 OData API: Ecological Information

Business Details

With this feature, you can enable external systems to read or create and release a new version of ecological information for unpackaged products, raw materials, and substances using the *Ecological Information* OData service.

The ecological information is a property group that is managed as part of the basic compliance data of a compliance object, such as unpackaged product, raw material, or substance. It describes the ecotoxicology and environmental fate and pathway of a substance or mixture.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Chemical Compliance Approval for Purchased Material and Supplier (31G) Assess Marketability of a Product (31H) Assess Dangerous Goods for a Product (3FC) Substance Volume Tracking (4OL) Authoring of Product Compliance Documents (7DO) Manage Safety Data Sheets for Products (3VR) Request Regulatory Documentation from Service Provider (6AV)
Technical Object Name	`EcologicalProperty`
Application Component	`EHS-SUS-FND-PC` (*Sustainability Foundation for Product Compliance*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Ecological Information
https://api.sap.com/api/OP_ECOLOGICALPROPERTY_0001/overview

8.4.1.2 OData API: Toxicological Information

Business Details

With this feature, you can enable external systems to read or create and release a new version of toxicological information for unpackaged products, raw materials, and substances using the *Toxicological Information* OData service.

The toxicological information is a property group that is managed as part of the basic compliance data of a compliance object, such as an unpackaged product, raw material, or substance. It describes the toxicology of a substance or mixture. It's advisable to study this data because the aggregated toxicological information from the substances contained in the unpackaged product can prevent the intended application of the product.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	31G (Chemical Compliance Approval for Purchased Material and Supplier) 31H (Assess Marketability of a Product) 3FC (Assess Dangerous Goods for a Product) 4OL (Substance Volume Tracking) 7DO (Authoring of Product Compliance Documents) 3VR (Manage Safety Data Sheets for Products) 6AV (Request Regulatory Documentation from Service Provider)
Technical Object Name	`ToxicologicalProperty`
Application Component	`EHS-SUS-FND-PC` (*Sustainability Foundation for Product Compliance*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

https://api.sap.com/api/OP_TOXICOLOGICALPROPERTY_0001/overview
Toxicological Information

8.4.1.3 OData API: Safety-Related Properties

Business Details

With this feature, you can enable external systems to read or create and release a new version of safety-related properties for unpackaged products, raw materials, and substances using the *Safety-Related Properties* OData service.

The safety-related properties are a property group that is managed as part of the basic compliance data of a compliance object, such as an unpackaged product, raw material, or substance. It describes the safety-related properties of a substance or mixture. This information is required in section 9 and section 10 of a safety data sheet. You can also use this data for the classification of products according to dangerous goods regulations.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	31G (Chemical Compliance Approval for Purchased Material and Supplier) 31H (Assess Marketability of a Product) 3FC (Assess Dangerous Goods for a Product) 4OL (Substance Volume Tracking) 7DO (Authoring of Product Compliance Documents) 3VR (Manage Safety Data Sheets for Products) 6AV (Request Regulatory Documentation from Service Provider)
Technical Object Name	`SafetyRelatedProperty`
Application Component	`EHS-SUS-FND-PC` (*Sustainability Foundation for Product Compliance*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

https://api.sap.com/api/OP_SAFETYRELATEDPROPERTY_0001/overview
Safety-Related Properties

8.4.1.4 OData API: Product Compliance Logistics Document

Business Details

With this feature, the `Product Compliance Logistics Document` (`ProdCmplncLogisticsDocument`) API service is provided to enable remote compliance checks.

The `Product Compliance Logistics Document` API service enables external systems and other consumers to transfer data from business documents, such as sales orders, outbound deliveries, and freight

orders, to the SAP S/4HANA system, in which the *Product Compliance* solution is installed. The transferred data is used in *Product Compliance* for the following compliance checks:

- The **Supplier Check** verifies the status of the supplier assessment of a compliance-relevant product in purchasing documents.
- The **Product Marketability Check** evaluates the compliance with market assessments for compliance-relevant products.
- The **First Order Check** determines if a customer has placed an order for a high-risk product that requires a customer assessment for customers ordering the product for the first time or for the first time in two years or more.
- The **Safety Data Sheet Check** verifies whether a safety data sheet is required and whether the relevant safety data sheet is available in the specified languages for compliance-relevant products.
- The **Transport Permissibility Check** for dangerous goods determines whether the transport of a product by a particular mode of transport in a particular country/region is allowed.
- The **Mixed Loading Check** determines whether compliance-relevant products can be transported together in the same transport unit or must be segregated according to dangerous goods regulations.

As a result of the checks, compliance statuses are set at the item and header level in the business documents in which the checks have been carried out.

In addition, *Product Compliance* determines compliance information, such as texts to be printed on documents, and the evaluation of the 1000-point rules (1.1.3.6) according to the ADR and RID dangerous goods regulations.

The `Product Compliance Logistics Document` API service allows external applications to read the compliance information and the results of these checks to be used in external business processes.

Related Information

- The API is available on the SAP Business Accelerator Hub. See Product Compliance Logistics Document.
- You can find more information in the product assistance for *Product Compliance*. See:
  - Product Compliance Data in the Value Chain
  - Product Compliance Logistics Document

Technical Details

Type	Changed
Functional Localization	No localization

Scope Items	31J (Chemical Compliance in the Value Chain) 5OJ (Supplier Compliance in the Value Chain) 3G8 (Dangerous Goods in the Value Chain) 3VQ (Safety Data Sheets in the Value Chain)
Technical Object Name	API: `ProdCmplncLogisticsDocument`
Application Component	`EHS-SUS-FND-PC` (*Product Compliance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

8.4.1.5 Archiving of Product Compliance Logistics Document Data Using the EHFND_PCLD Archiving Object

Business Details

With this feature, the `EHFND_PCLD` archiving object is provided. It enables you to delete the data that is stored in the *Product Compliance Logistics Document* business object at the end of its lifecycle.

Related Information

You can find more information in the product assistance for *Product Compliance*. See Archiving RAP BO Product Compliance Logistics Document Using EHFND_PCLD

Technical Details

Type	Changed
Functional Localization	No localization

Scope Items	31J (Chemical Compliance in the Value Chain) 5OJ (Supplier Compliance in the Value Chain) 3G8 (Dangerous Goods in the Value Chain) 3VQ (Safety Data Sheets in the Value Chain)
Technical Object Name	Archiving Object: `EHFND_PCLD`
Application Component	`EHS-SUS-FND-PC` (*Product Compliance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

8.4.1.6 Chemical Compliance Info Events

Business Details

This business event informs a remote system that the data calculation relevant to the generation of documents is requested for the chemical compliance info. Chemical compliance info, also known as a compliance view, is a collection of data for an unpackaged product or a raw material related to compliance regulations. This data is used for various calculations, assessments, and other compliance activities in the Product Compliance solution area and throughout the value chain. The **Calculation Requested** event is available for chemical compliance info.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Chemical Compliance Approval for Purchased Material and Supplier (31G) Assess Marketability of a Product (31H) Assess Dangerous Goods for a Product (3FC) Substance Volume Tracking (4OL) Authoring of Product Compliance Documents (7DO) Manage Safety Data Sheets for Products (3VR) Request Regulatory Documentation from Service Provider (6AV)
Technical Object Name	`ChemicalComplianceInfo`
Application Component	`EHS-SUS-FND-PC` (*Sustainability Foundation for Product Compliance*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Chemical Compliance Info Events
Chemical Compliance Info Events

8.4.1.7 Product Compliance Logistics Document Events

Business Details

With this feature, the *Product Compliance Logistics Document* event is provided. It informs other business processes about changes to the compliance status of an item in a product compliance logistics document (PCLD).

Data gathered in various product compliance processes can be used in other business processes within the value chain, such as purchasing, sales, delivery, and transportation. Product compliance data is used, for example, for checks that are carried out in the business documents within the value chain. These compliance checks verify whether a supplier is approved, a product is marketable in a certain country or region, a required safety data sheet is available, or a product can be transported in a certain country or region by a specific mode of transport. As a result of one of these checks, the determined compliance status is set in the business documents. These statuses, together with other product compliance data and business document data, are stored in a PCLD. The PCLD is created during the value chain processes and is used to capture, verify, and communicate product compliance information for these processes.

Related Information

- You can find more information in the product assistance for *Product Compliance*:
  - For more information about the event, see Product Compliance Logistics Document Events.
  - For more information about the PCLD, see Product Compliance Logistics Document.
- The event is available on the SAP Business Accelerator Hub. See Product Compliance Logistics Document Events.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Items	31J (Chemical Compliance in the Value Chain) 5OJ (Supplier Compliance in the Value Chain) 3G8 (Dangerous Goods in the Value Chain) 3VQ (Safety Data Sheets in the Value Chain)
Technical Object Name	Event: `ComplianceStatusChanged`
Application Component	`EHS-SUS-FND-PC` (*Product Compliance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

8.4.1.8 Product Compliance Request Events

Business Details

With this feature, the *Product Compliance Request* event is provided. It informs other business processes when a product compliance request is closed.

Data gathered in various product compliance processes can be used in other business processes within the value chain, such as purchasing, sales, delivery, and transportation. Product compliance data is used, for example, for checks that are carried out in the business documents within the value chain. These compliance checks verify whether a supplier is approved, a product is marketable in a certain country or region, a required safety data sheet is available, or a product can be transported in a certain country or region by a specific mode of transport. If a compliance issue is identified during a compliance check, a product compliance request is created and sent to the *Product Compliance* solution. The compliance requests are processed by subject matter experts, who resolve the issues and close the requests.

Related Information

- You can find more information in the product assistance for *Product Compliance*:
  - For more information about the event, see Product Compliance Request Events.
  - For more information about the compliance request, see Product Compliance Request.
- The event is available on the SAP Business Accelerator Hub. See Product Compliance Request Events.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Items	31J (Chemical Compliance in the Value Chain) 5OJ (Supplier Compliance in the Value Chain) 3G8 (Dangerous Goods in the Value Chain) 3VQ (Safety Data Sheets in the Value Chain)
Technical Object Name	Event: `Closed`
Application Component	`EHS-SUS-FND-PC` (*Product Compliance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

8.4.1.9 Changing the Log Behavior for Product Compliance Events or Tasks

Business Details

In the list view of the *Process Product Compliance Events* and *Process Product Compliance Tasks* apps , you can use the *Adapt Logging* button to configure the logging behavior. Changing the *Log Level* to *Log Everything* makes the system log everything for 5 minutes before the logging behavior is changed back to default. If you select *Log Everything if at Least Warnings or Errors Occur*, everything is logged for the next 5 days if at least one error or warning occurs. You can add new table rows and choose the relevant information in the value help.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	31G (Chemical Compliance Approval for Purchased Material and Supplier) 31H (Assess Marketability of a Product) 31J (Chemical Compliance in the Value Chain) 35V (Proposal for Substance Groups) 3FC (Assess Dangerous Goods for a Product) 3G8 (Dangerous Goods in the Value Chain) 3VQ (Safety Data Sheets in the Value Chain) 3VR (Manage Safety Data Sheets for Products) 4OL (Substance Volume Tracking) 5OJ (Supplier Compliance in the Value Chain) 6AV (Request Regulatory Documentation from Service Provider) 6MT (Label Management)
Technical Object Name	App ID: `F4005` App ID: `F4097`
Application Component	`EHS-SUS-FND` (*Sustainability Foundation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Product Compliance Events and Tasks
Changing the Log Behavior for Product Compliance Events and Tasks

8.4.1.10 Specifying the Way of Application

Business Details

With this feature, you can specify ways of application for a substance or mixture. This describes how the substance or mixture is used, for example, spraying, casting, or milling. This information is a legal requirement in some countries and is needed as input for rule sets, such as respiratory protection.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	7DO (Product Compliance Document Authoring)
Technical Object Name	App ID: F5467
Application Component	EHS-SUS-FND (*Sustainability Foundation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Unpackaged Product - Uses
Use of Data
Legal Area

8.4.1.11 Categorization of Products as Articles

Business Details

When you create a product, you can specify the product category. Until now, you had the choice between *Mixture* and *Substance*. Now, you also have the option *Article*. The specified product categorization is maintained and displayed in the *Manage Basic Compliance Data - Unpackaged Products* or *Manage Basic Compliance Data - Raw Materials* app.

Previously, the categorization was done in the *Manage Analytical Composition* app.

If a different product categorization is required for a specific legal area, the product categorization can be overwritten as a part of the legal-area-specific analytical composition.

Implementation Details

Effects on Existing Data

The *Product Categorization* menu has been enhanced with the *Article* option. You can make this selection either during creation of an unpackaged product in the *Manage Basic Compliance Data - Unpackaged Products* (F2641) app or raw material in the *Manage Basic Compliance Data - Raw Materials* (F3024) app, or when you edit an existing unpackaged product in the *Unpackaged Product - Basic Compliance Data* (F2647) or raw material in the *Raw Material - Basic Compliance Data* (F3025) app.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	3VR (Manage Safety Data Sheets for Products)
Technical Object Name	App ID: `F2641` App ID: `F2647` App ID: `F3210` App ID: `F1497A` App ID: `F3024` App ID: `F3025`
Application Component	`EHS-SUS-FND` (*Sustainability Foundation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

8.4.1.12 Regulatory Information for Manage Substance Compliance App

Business Details

With this new feature, regulatory information is added within the *Manage Substance Compliance* app. This new section has information on compliance requirement versions and listed substance group assignments

belonging to the active compliance requirement version. Additionally, you are able to filter for listed substances within the *Conditions* section with both the listed substance name and ID.

There are 3 types of group assignments:

- *Delivered*: Group assignment delivered by SAP.
- *Included*: Group assignment added by the user.
- *Excluded*: Group assignment delivered by SAP, but excluded by the user.

If you choose to remove a group assignment one of three things happen:

- A group assignment with status Included by the user will be removed from the table.
- A group assignment that is delivered by SAP will be changed to *Excluded* in the table.
- A group assignment that is already *Excluded*, reverts to status *Delivered*.

Additional Details

Manage Substances Compliance

Compliance Requirement

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	F2578
Application Component	EHS-SUS-FND (*Sustainability Foundation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.1.13 Management of Stability and Reactivity

Business Details

With this feature, you can enter and edit information about stability and reactivity of an unpackaged product or raw material in the new *Manage Stability and Reactivity* (F7930) app. This allows you to enter the information separately from the safety-related properties at a later point in time. The information about stability and

reactivity is required in section 10 of a safety data sheet and can be used for the classification of products according to different hazardous substances or dangerous goods regulations.

Implementation Details

To enter information about stability and reactivity, you first need to have a compliance view of an unpackaged product or raw material in the system. When a compliance view is created in the *Manage Basic Compliance Data – Unpackaged Products* (`F2641`) or *Manage Basic Compliance Data – Raw Materials* (`F3024`), respectively, an initial in-progress version of *Stability and Reactivity* is created for you to fill out. If the *Stability and Reactivity* property group is not available in the *Properties* section, choose *Create* and select it from the dialog box to assign it.

Authorizations

You can access this app using the following front-end roles:

- For unpackaged products: *Product Stewardship Specialist - Product Compliance* (`SAP_BR_PRODSTWRD_SPLST_PCL`)
- For raw materials: *Master Data Specialist - Product Compliance* (`SAP_BR_MD_SPECIALIST_PCL`)

In addition, the `EHFND_CCI` (*Authorization Object for Chemical Compliance Info*) authorization object must be assigned to the user.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7DO (Authoring of Product Compliance Documents)
Technical Object Name	App ID: `F7930`
Application Component	`EHS-SUS-FND-PC` (*Sustainability Foundation for Product Compliance*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

For more information, refer to the following app descriptions:

- For unpackaged products: Manage Stability and Reactivity
- For raw materials: Manage Stability and Reactivity

8.4.1.14 Support for Multi-Component Products

Business Details

This feature enables you to use multi-component products in your Product Compliance processes. A multi-component product is a collection of multiple products that is considered as one product. This means that you can now better represent how products are sold and used together.

You can create multi-component products in the *Manage Basic Compliance Data - Unpackaged Products* (F2641) app. On the *Packaged Products* tab, choose *Create Multi-Component Product* and follow the steps in the dialog. You can also search for existing multi-component products by adding the *Multi-Component Product* filter and choosing *Yes*.

When you create a new or choose an existing multi-component product, you are navigated to its compliance view in the *Manage Compliance Views* (F8407) app. From here, you can edit the composition of multi-component products in the new *Manage Multi-Component Product Composition* (F8392) app or assign compliance purposes.

When you request a safety data sheet for a multi-component product, you do not receive a single safety data sheet for the entire product. Instead, each component of the multi-component product is considered individually. This means that you are provided with the relevant safety data sheets for each of the components that make up the product.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3VR (Manage Safety Data Sheets for Products) 7DO (Product Compliance Document Authoring)
Technical Object Name	App ID: `F2641` App ID: `F8392` App ID: `F8407` App ID: `F3226` App ID: `F4309`
Application Component	`EHS-SUS-FND` (*Sustainability Foundation*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Packaged Product
Manage Basic Compliance Data - Unpackaged Products
Manage Compliance Views
Manage Multi-Component Product Composition

8.4.1.15 Support for Branded Products

Business Details

This feature enables the definition and use of branded products. Branded products are derivatives of unpackaged products that reflect under what name a product is later sold. The products are identical but sold under different names, for example, for trademark or marketing reasons.

You can create branded products for an unpackaged product on the new *Branded Product* tab in the *Manage Basic Compliance Data – Unpackaged Product* app. When you create a new branded product or choose an existing one from the list, you are navigated to its dedicated object page. Here, you can edit the compliance information and create corresponding packaged products (multiple are possible). You can then generate safety data sheets for the packaged products that are based on the branded products and process the shipments. If branded products are defined later in the process, you can issue a subsequent shipment.

You can define branded product names in multiple languages and for different countries/regions. A branded product name can be valid for several countries/regions. If the country/region is not specified, the name has worldwide validity. The specified names are used for safety data sheets.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3VR (Manage Safety Data Sheets for Products) 3VQ (Safety Data Sheets in the Value Chain) 7DO (Product Compliance Document Authoring)

Technical Object Name	App ID: `F2641` App ID: `F8407` App ID: `F2647`
Application Component	`EHS-SUS-FND` (*Sustainability Foundation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Compliance Views
Manage Basic Compliance Data - Unpackaged Products
Branded Product

8.4.1.16 Configuration of Safety Data Sheet Checks in Value Chain

Business Details

This feature enhances the *Adapt Behavior of Compliance Checks in Value Chain* configuration activity by making the safety data sheet check configurable. In this configuration activity, you can decide whether a compliance check should follow its standard behavior or whether it should block the business document when the following issue occurs:

If no released safety data sheet assessment exists, the standard behavior is that the safety data sheet check sets the status of a document item to *Warning – Request Pending* if no safety data sheet document is available for that product in the relevant target country/region. If you choose *Blocked and Request Triggered* as the result in the configuration activity, the safety data sheet check sets the status of a document item to *Blocked – Decision Pending* if no safety data sheet document is available for that product in the relevant target country/region.

Changes to the User Interface

In the configuration activity, you now have the *No Released SDS Available* option in the *Issue* column. To accommodate the different behaviors between the different issues, the *Ignore* option in the *Result* column was renamed to *Standard behavior*. The behavior for each issue is explained in the documentation of the configuration activity. If you leave the fields blank, the system applies the standard behavior.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3VQ (Safety Data Sheets in the Value Chain)
Technical Object Name	Configuration Activity: *Adapt Behavior of Compliance Checks in Value Chain* `EHFND_PC_CHKBEHVR`
Application Component	`EHS-SUS-FND-PC` (*Sustainability Foundation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Compliance Request from Logistics
Product Compliance Relevance in Product Master
Supplier Check in Purchasing Documents
Behavior of Safety Data Sheet Checks

8.4.1.17 Management of Identifiers

Business Details

With this feature, you can use the *Manage Identifiers* app to display, change, add, and delete names and numbers that are used to identify unpackaged products and raw materials. You can use these identifiers, such as the IUPAC name or CAS registry number, to connect products and raw materials with regulatory substance databases. These identifiers also serve as tags to help you search for unpackaged products in the *Manage Basic Compliance Data - Unpackaged Products* (`F2641`) app so that you can analyze and work on them. You can also print these identifiers so that they can be used in safety data sheets and labels.

Implementation Details

To enter identifiers, you first need to have a compliance view of an unpackaged product or raw material in the system. When a compliance view is created in the *Manage Basic Compliance Data - Unpackaged Products* (`F2641`) or *Manage Basic Compliance Data - Raw Materials* (`F3024`) app, respectively, an initial in-progress version of *Identifiers* is created for you to fill out. If the *Identifiers* group is not available in the *Properties* section, choose *Create* and select it from the dialog to assign it.

Customizing

This feature introduces the Customizing activity *Product Compliance* > *Foundation for Product Compliance* > *Specify Product Identifier Types*, in which you can create and delete your company-specific identifier types.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	31H (Assess Marketability of a Product) 31G (Chemical Compliance Approval for Purchased Material and Supplier) 3VR (Manage Safety Data Sheets for Products) 7DO (Product Compliance Document Authoring)
Technical Object Name	App ID: `F7919`
Application Component	`EHS-SUS-FND-PC` (*Product Compliance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Identifiers

8.4.1.18 Notification of Data Readiness for Calculation by Partner Companies

Business Details

This feature enables you to notify your partner companies that the basic set of compliance data for a compliance view is ready for further processing. This information lets your partners know they can start collecting the necessary data via APIs, calculate the dependent data, and write it back to your system. You can access this feature in the *Display Work View* app for a product or raw material.

This feature simplifies the process of introducing new industry products or adapting your existing ones. To market these products, it is often necessary to measure various physical and chemical attributes, such as the

flash point or results of toxicity studies. You provide this data in various apps related to the *Basic Compliance Data* app for a compliance view, from which you navigate to the *Display Work View* app. This data serves as the basis for evaluating how dangerous the product is for people and the environment. Different regulations require various classifications, documents, and other information based on this basic data. For many of these regulations, it is possible to deduce rules regarding when specific classifications or other regulatory data need to be used. For example, a GHS classification can be derived from specific basic data. When you're ready to pass on the calculation step to a partner company, choose the button for requesting calculation in the *Display Work View* app.

Examples of the User Interface

> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.



Implementation Details for Partners

Configuration

Interested parties receive the information after subscribing to the business event initiated by the button for requesting calculation. For more information about the configuration steps on their side, see:

- Business Event Consumption
- SAP Event Mesh

Technical Details

Type	New
Functional Localization	No localization

Scope Item	31G (Chemical Compliance Approval for Purchased Material and Supplier) 31H (Assess Marketability of a Product) 31J (Chemical Compliance in the Value Chain) 3FC (Assess Dangerous Goods for a Product) 3G8 (Dangerous Goods in the Value Chain) 3VQ (Safety Data Sheets in the Value Chain) 3VR (Manage Safety Data Sheets for Products) 5OJ (Supplier Compliance in the Value Chain) 7DO (Product Compliance Document Authoring)
Technical Object Name	App ID: `F5480`
Application Component	`EHS-SUS-FND-PC` (*Product Compliance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

You can find more information in the product assistance for **Product Compliance**. See:

- Unpackaged Product - Work View
- Raw Material - Work View
- Chemical Compliance Info Events

8.4.2 Product Marketability and Chemical Compliance

8.4.2.1 Regulatory Content for Product Marketability

Business Details

In *Product Marketability and Chemical Compliance*, a compliance requirement contains data for a specific regulation, and this data is delivered as regulatory content for product marketability. In total, 273 compliance requirements are delivered for product marketability, with more than 100 new compliance requirement versions.

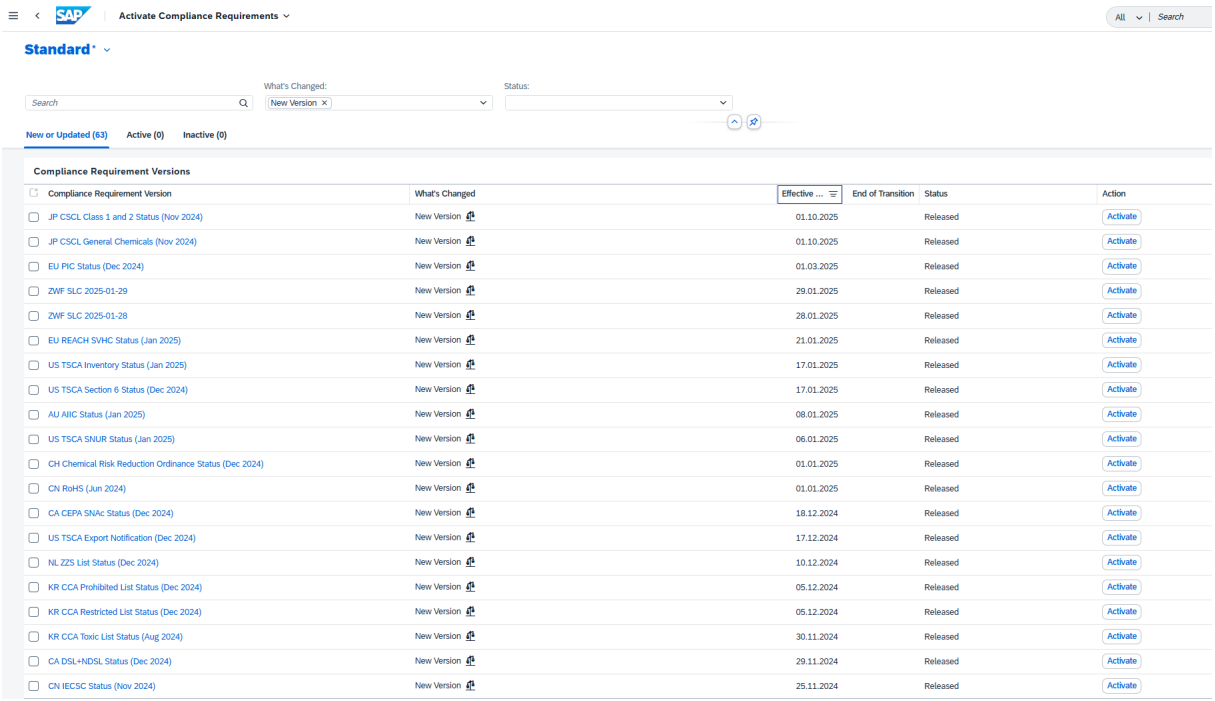
The following compliance requirements for product marketability are delivered:

New Compliance Requirements

Compliance Requirement Version	Description
CH Chemical Risk Reduction Ordinance Status (Sep 2023)	Chemical Risk Reduction Ordinance (ORRChem) Valid in: Switzerland
CN RoHS (May 2019)	Administrative Measures for the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products Valid in: China
EU RoHS (Jul 2023)	DIRECTIVE 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (recast) Valid in: European Union
World IEC 62474 DSL (Jul 2023)	INTERNATIONAL STANDARD - IEC 62474 - Material declaration for products of and for the electrotechnical industry Valid in: Worldwide
World PFAS Screening List Status (Aug 2022)	U.S. EPA PFAS List of Lists Valid in: Worldwide
World UN Minamata Convention (Sep 2022)	UN Minamata convention Valid in: Worldwide

Example of User Interface

> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.



Implementation Details

You can find the new compliance requirement versions in the *Activate Compliance Requirements - Product Marketability* app. In this app, you activate the new compliance requirement versions and confirm the changes to the revised compliance requirement versions. After activating the new compliance requirement versions, you can use the *Marketability Assessment* apps to reassess your products, raw materials, and substances according to the new compliance requirement versions.

Related Information

You can find more information in the product assistance for *Product Compliance*. See:

- Manage Compliance Requirements - Product Marketability
- Activate Compliance Requirements - Product Marketability
- Assess Marketability Requirements - For Products
- Assess Marketability Requirements - For Raw Materials
- Assess Marketability Requirements - For Substances
- For a complete list of compliance requirements and versions, see SAP Content for Product Marketability.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	31G(Chemical Compliance Approval for Purchased Material and Supplier) 31H(Assess Marketability of a Product) 31J(Chemical Compliance in the Value Chain)
Technical Object Name	Not applicable
Application Component	EHS-SUS-PMA (*Product Marketability and Chemical Compliance*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.2.2 OData API: Product Market Assessment

Business Details

With this feature, you can enable external systems to create, read, update, and delete product market assessments using the *Product Market Assessment* OData service.

You can use this inbound OData service to let external systems write product market assessments to your system, read product market assessments from your system, update existing product market assessments in your system, or delete product market assessments from your system . This service enables you to integrate your own product market assessments from, for example, SAP Product and REACH Compliance, into the logistics checks carried out in the *Product Marketability and Chemical Compliance* solution area of SAP S/4HANA, product compliance. You can query the *Product Market Assessment* entity to read the corresponding data.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	31H (Assess Marketability of a Product) 31J (Chemical Compliance in the Value Chain)
Technical Object Name	`ProductMarketAssessment`
Application Component	`EHS-SUS-PMA` (Product Marketability and Chemical Compliance)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Link to the API on the SAP Business Accelerator Hub: Product Market Assessment

Link to the API documentation in the product assistance: Product Market Assessment

8.4.2.3 Tracking of Substance Volumes from Advanced Intercompany Stock Transfer

Business Details

With this feature, you can track substance volumes that result from transferred stock between different legal entities of a corporate group following the *Advanced Intercompany Stock Transfer* process. The tracked substance volumes are aggregated for the relevant business process, compliance requirement, and legal entity, and displayed in the *Monitor Substance Volumes* (F4693) app.

Substance volume tracking uses business process categories to sort the material documents and process them in a certain way according to details in the linked business documents from the value chain. In the *Advanced Intercompany Stock Transfer* process material documents are created for both receiving and delivering plant. Substance volume tracking considers the relevant material documents and preprocesses them for purchasing or sales business process, respectively. To avoid tracking of substance volumes twice for a transfer, the responsible importer should be the same for both sides. The default responsible importer for the *Advanced Intercompany Stock Transfer* business process category in substance volume tracking is the buyer.

Implementation Details

Customizing

To consider the material documents that result from the *Advanced Intercompany Stock Transfer* process, the following movement types must be specified in Customizing under *Product Compliance*

Product Marketability and Chemical Compliance > *Substance Volume Tracking* > *Integration* > *Specify Included Movement Types*:

- For *Purchasing*: **`109`**
- For *Sales*: **`681`**

In addition, the following must **not** be specified in the respective configuration activity:

- Purchasing document type *IC SiT STO* (**`NBIC`**) must **not** be specified in the *Specify Excluded Document Types for Integration* Customizing activity for the *Substance Volume Tracking* business feature.
- Purchasing item category *Standard* (**`0`**) must **not** be specified in the *Specify Excluded Purchasing Item Categories* Customizing activity.
- Delivery document type *Iss. CST - Rec. CST* (**`NCC3`**) must **not** be specified in the *Specify Excluded Document Types for Integration* Customizing activity for the *Substance Volume Tracking* business feature.
- Delivery item category *Iss. CST - Rec. CST* (**`NCC3`**) must **not** be specified in the *Specify Excluded Delivery Item Categories* Customizing activity.

Effects on Existing Data

Once you switch to SAP S/4HANA 2025, the Product Compliance event *SVT: Periodic Tracking Requested* will fail until a reset is performed. To continue running the substance volume tracking process without disruption, the product stewardship specialist for product compliance needs to do the following:

1. Open the *Enable Substance Volume Tracking – For Compliance Requirements* (`F6964`) app.
2. Select each compliance requirement and business process with *SVT Enabled*: *Yes* and choose *Disable*.
3. Choose *Clear All Tracked Data*.
4. For each compliance requirement and business process from step 2, choose *Enable*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4OL (Substance Volume Tracking)
Technical Object Name	Not applicable
Application Component	`EHS-SUS-PMA` (*Product Marketability and Chemical Compliance*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Preliminary Setup
Periodic Tracking

8.4.2.4 Maintenance of Specific Import Responsibility for Sales

Business Details

With this feature, you can edit a chemical customer material and set a specific responsible importer for sales processes in the *Manage Customer Compliance - For Products* (F5994) app. The responsible importer can be specified for a combination of a chemical customer material, selling company, and delivering plant. In addition, you can set a validity period for the responsibility. You set a specific import responsibility only when you want to overwrite the responsible importer identified by the system, for example, due to additional agreements between the buyer and seller. The specified import responsibility is considered during the calculation of substance volumes for sales.

Implementation Details

Effects on Existing Data

A new *Import Responsibility* tab has been added in the *Manage Customer Compliance - For Products* (F5994) app.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4OL (Substance Volume Tracking) 31J (Chemical Compliance in the Value Chain)
Technical Object Name	App ID: F5994
Application Component	EHS-SUS-PMA (*Product Marketability and Chemical Compliance*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Valid as Of	2025

Related Information

Manage Customer Compliance - For Products
Determining Import Responsibilities

8.4.2.5 Activate Compliance Requirements for Product Marketability Extension

Business Details

This feature enables you to view new, updated, and inactive compliance requirement versions in the new *Activate Compliance Requirements - Product Marketability* app, with a change in the app ID from F3439 to F8002. The new app has the same look, feel, and functions as the old one, and no changes are noticeable for the user.

This app enables you to stay current with the latest regulatory changes in *Product Marketability and Chemical Compliance*. You can respond to regulatory content updates by activating new compliance requirement versions or confirming updates of existing versions.

In product marketability if you activate a compliance requirement version based on the substance list check compliance pattern, you must indicate if it's based on the legal area specific composition or the analytical composition.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	31G (Chemical Compliance Approval for Purchased Material and Supplier) 31H (Assess Marketability of a Product) 31J (Chemical Compliance in the Value Chain)
Technical Object Name	`F8802`

Application Component	EHS-SUS-PMA (*Product Marketability and Chemical Compliance*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Activate Compliance Requirements - Product Marketability
Business Background

8.4.2.6 Marketability Assessment of Compliance Disclosures

Business Details

With this feature, you can assess products and raw materials against compliance requirement versions based on the **Compliance Disclosure** compliance pattern in the **Marketability Assessment - Compliance Disclosure** app. In detail, the system determines the compliance status based on due diligence acts at the product level by propagating compliance requirements from the product level to the raw material level and calculating the compliance status along the product structure.

The **Compliance Disclosure** compliance pattern calculates the marketability status of products and raw materials based on the compliance disclosures that have been completed for the assigned suppliers. First, the system propagates compliance requirements from the product level to the raw material. Then the system calculates the compliance status for products along the product structure, starting at the raw material level. Additionally, the system transmits this marketability status to related compliance views, such as unpackaged products containing the assessed raw materials. To enable such assessments, this feature also allows you to assign compliance requirements based on the **Compliance Disclosure** compliance pattern to compliance purposes.

Implementation Details

Effects on Existing Data

To enable users to access the **Marketability Assessment - Compliance Disclosure** app, their business users need to have the following business catalogs assigned: **Product Compliance - Assess Compliance Requirements for Products** (**SAP_PSS_BC_PC_PROD_CRR_MON_PC**).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	31H (Assess Marketability of a Product)
Technical Object Name	`App ID: F7602`
Application Component	`EHS-SUS-PMA` (*Product Marketability and Chemical Compliance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Marketability Assessment - Compliance Disclosure
Compliance Pattern: Compliance Disclosure

8.4.2.7 Analytics of Compliance Disclosures for Suppliers

Business Details

With the new *Analyze Compliance Disclosures - For Suppliers* app, you can analyze compliance data for suppliers based on corporate-wide compliance disclosures. This app supports you in checking the difference between the target status, based on requirements, and the actual status, based on the compliance disclosures you've received from your suppliers. This comparison provides transparency on the actual current status in terms of completeness and compliance.

A key capability is to analyze compliance data by various views, such as:

- Compliance status and processing status
- Compliance requirements regarding due diligence acts
- Suppliers and their countries/regions
- Time periods

Technical Details

Type	New
Functional Localization	No localization
Scope Item	31G (Chemical Compliance Approval for Purchased Material and Supplier) 5OJ (Supplier Compliance in the Value Chain)
Technical Object Name	App ID: `F7460`
Application Component	`EHS-SUS-PMA` (*Product Marketability and Chemical Compliance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Analyze Compliance Disclosures - For Suppliers

8.4.2.8 Phrases in Attributes of Compliance Requirement Versions

Business Details

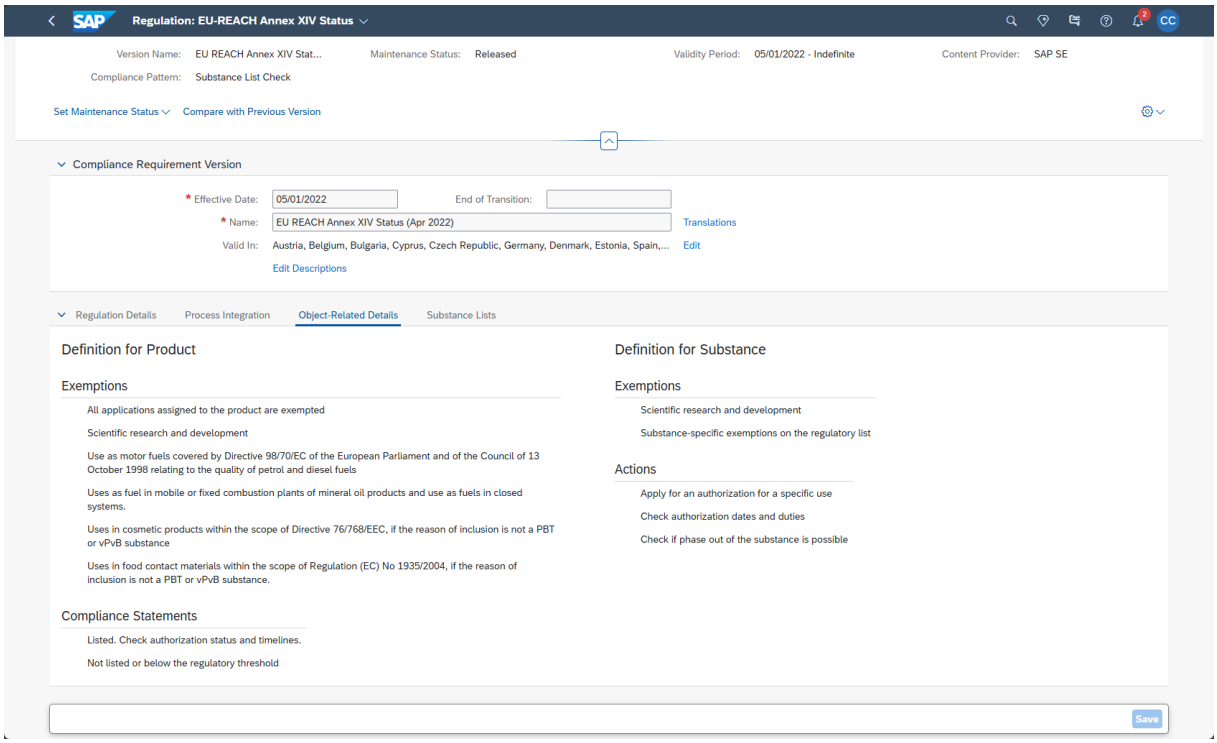
With this feature, the text-based compliance statements, exemptions, and actions that are used in compliance requirement versions have been converted to phrases. As phrases, they're now translatable into all languages relevant to safety data sheets. In addition, the phrase sets are easily extensible for customers so that they can be printed on safety data sheets or other compliance documents.

To edit your company's compliance requirement versions, you can use the *Manage Compliance Requirements* app. From this app, you can navigate to the relevant phrases in the *Manage Phrase-Enabled Fields* app. Alternatively, you can start in the *Manage Phrase-Enabled Fields* app and search for the compliance requirement version. When you edit compliance statements, exemptions, or actions, you're navigated to the *Manage Phrase-Enabled Fields* app, where you can enter these details as phrases. These phrases are used in marketability assessments based on the **Substance List Check**, **Simple Compliance Documentation**, and **Supplier Information** compliance patterns.

Changes to the User Interface

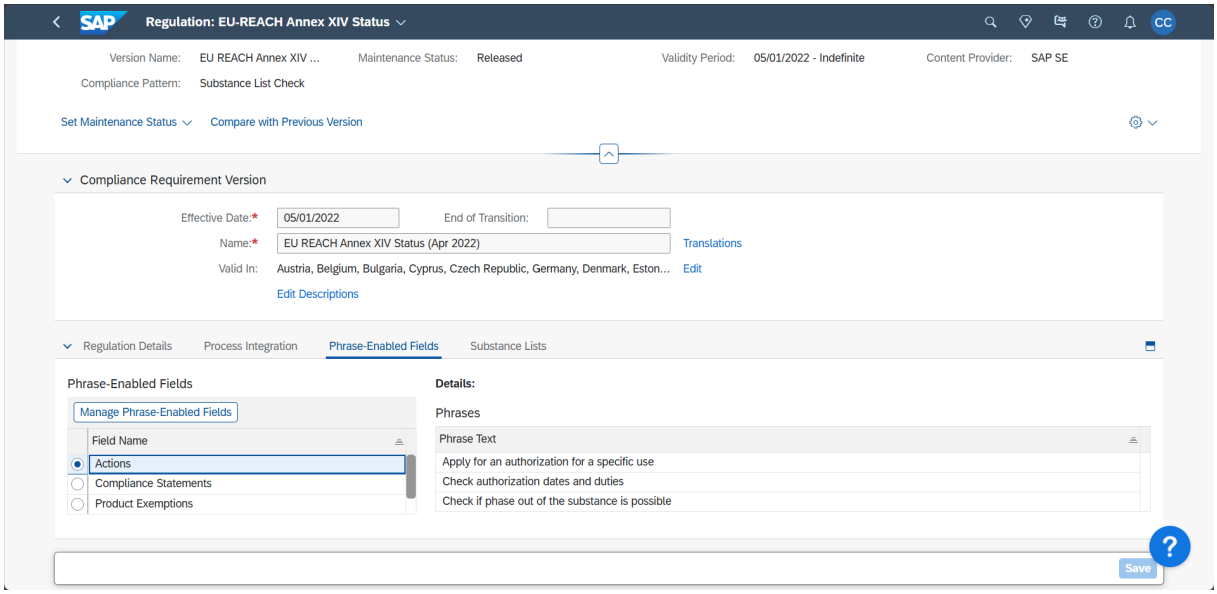
> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

Here's how the object page of the *Manage Compliance Requirements* app for a compliance requirement version based on the **Substance List Check** compliance pattern looked before the change:

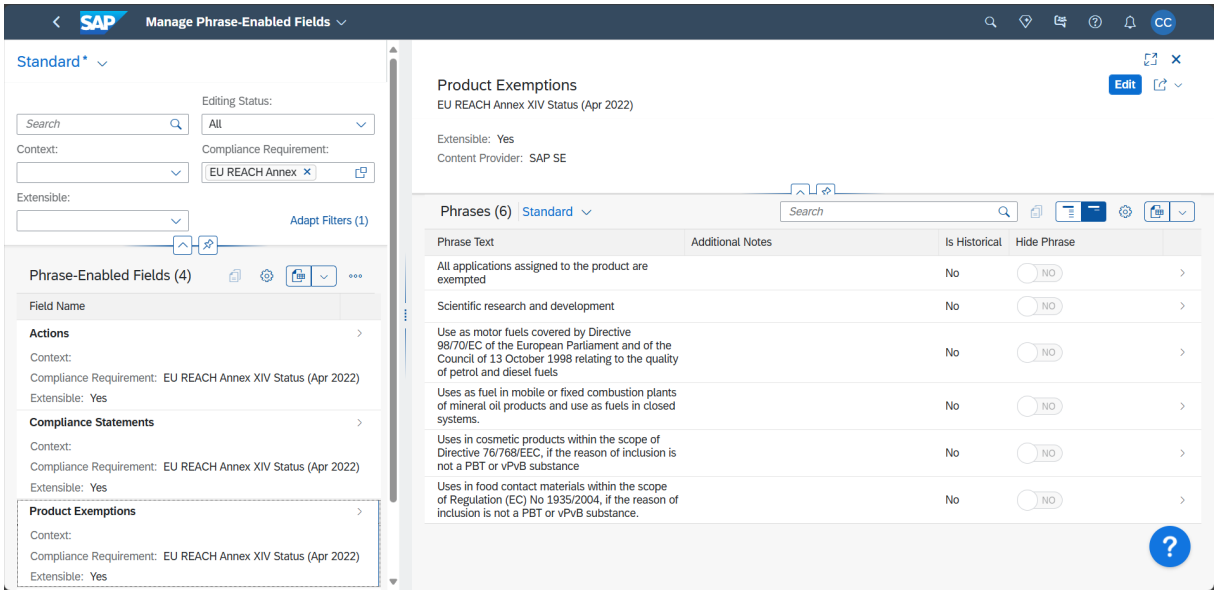


And here's how the object page of the *Manage Compliance Requirements* app for a compliance requirement version based on the **Substance List Check** compliance pattern looks after the change.

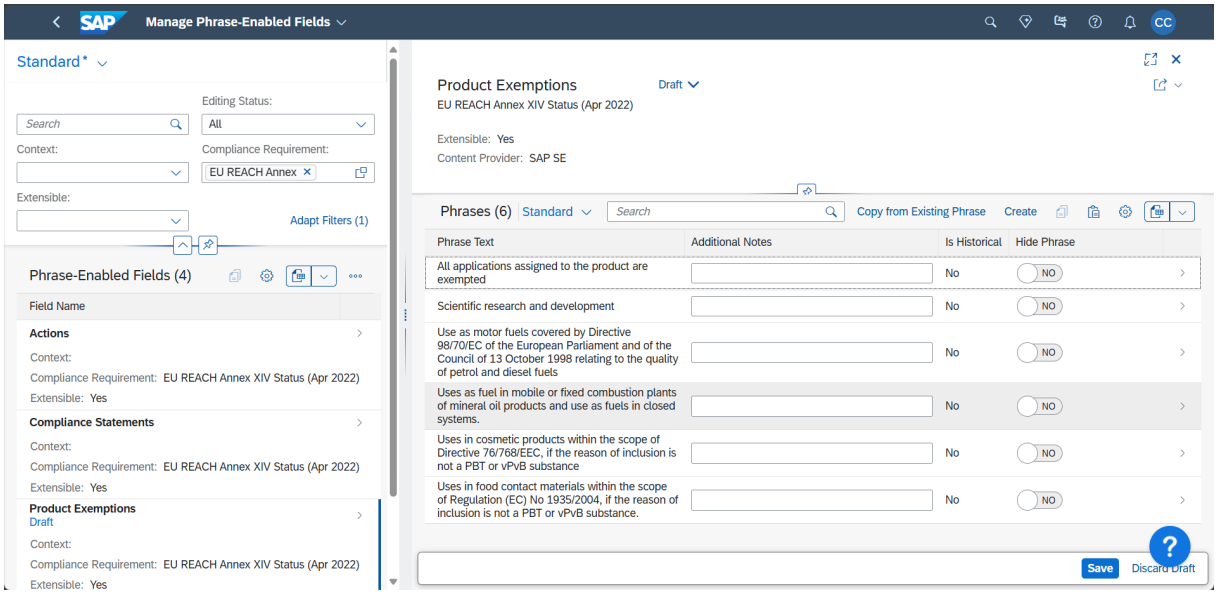
> **Note**
>
> Historical SAP-provided compliance requirement versions aren't affected by this change.



For editing actions, exemptions, and compliance statements, the *Object-Related Details* tab has been replaced by the *Phrase-Enabled Fields* section. This section includes a button that leads to the *Manage Phrase-Enabled Fields* app, where you can select which phrases are to be available for the specific compliance requirement version:

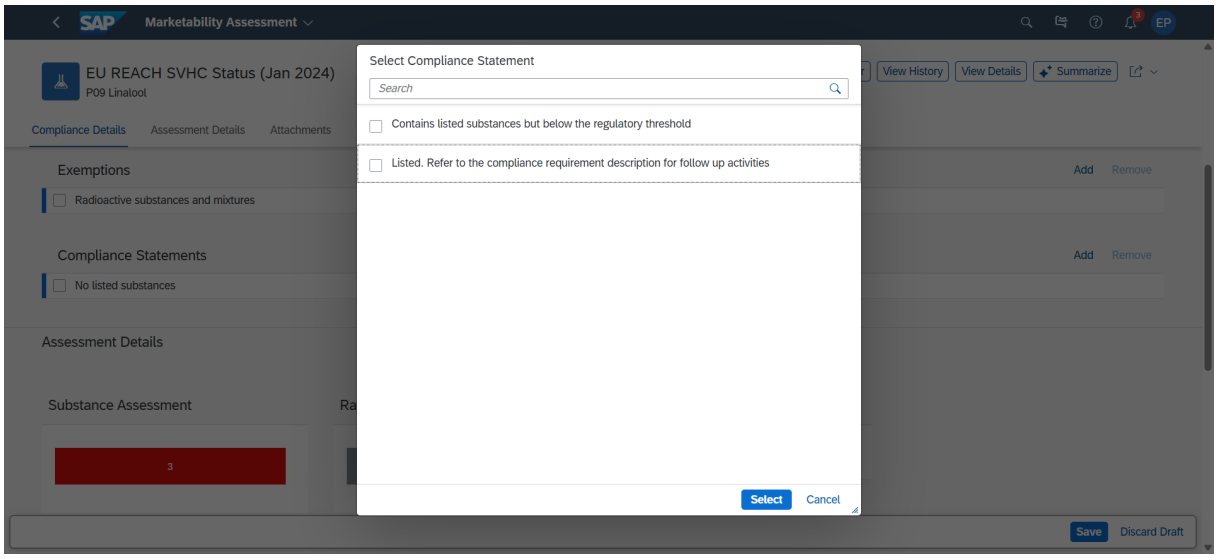


When you switch to edit mode, you can create phrases, copy phrases from existing ones, and hide phrases. In this example, the phrases are used as product exemptions:

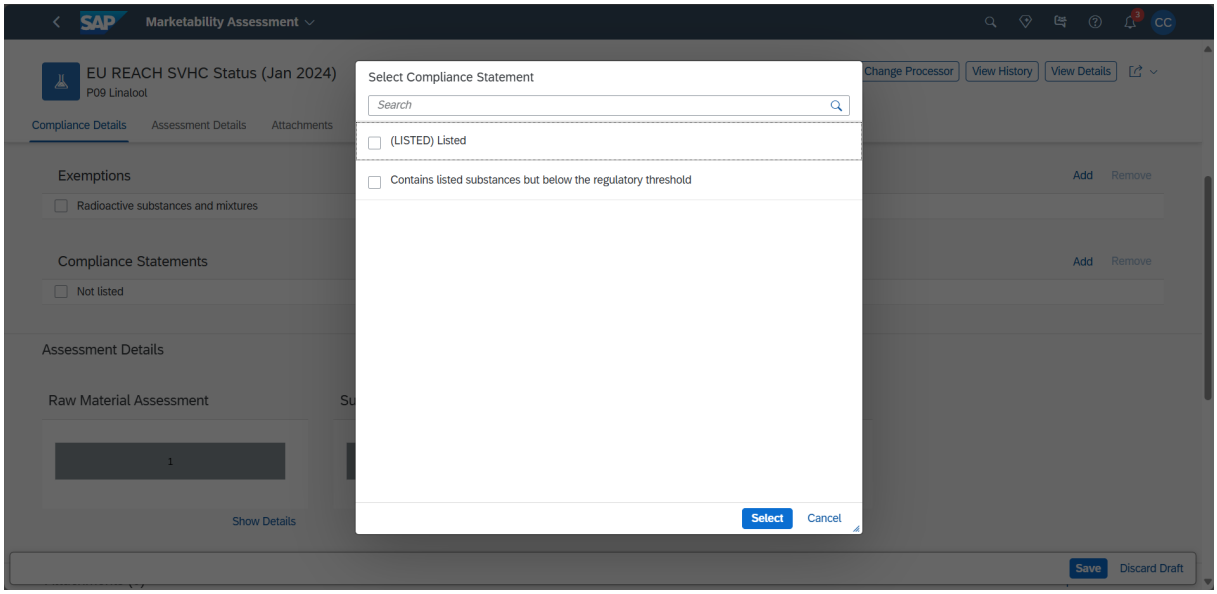


After defining the phrases for exemptions, actions, and compliance statements for the compliance requirement versions, you can select the respective phrases in the relevant *Marketability Assessment* apps. The relevant *Marketability Assessment* apps are the ones used for compliance requirement versions based on the **Substance List Check**, **Simple Compliance Documentation**, and **Supplier Information** compliance patterns. Previously, the available actions and compliance statements were provided generically, with the same texts available for all compliance requirement versions. Now this content is provided specifically for each compliance requirement version. In addition, the wording varies in some cases.

Here's how the dialog previously looked when you wanted to add a compliance statement:



And here's how the same dialog looks now:



Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	31G (Chemical Compliance Approval for Purchased Material and Supplier) 31H (Assess Marketability of a Product) 31J (Chemical Compliance in the Value Chain)

Technical Object Name	App ID:
	`EHPMA_CR_SUBST_LIST_CHECK_OVP`
	`EHPMA_CR_SIMPLE_CHECK_OVP`
	`EHPMA_CR_SUPPLIER_INFO_OVP`
	`F4820`
	`F3235`
	`F3420`
	`F2928`
	`F3346`

Application Component	`EHS-SUS-PMA` (*Product Marketability and Chemical Compliance*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

You can find more information in the product assistance for *Product Compliance*:

Manage Compliance Requirements - Product Marketability

You can use the *Manage Compliance Requirements - Product Marketability* app to define, release, and update compliance requirements related to marketability

8.4.3 Dangerous Goods Management

8.4.3.1 Regulatory Content for Dangerous Goods

Business Details

To support your business processes, SAP delivers compliance requirements as regulatory content. In *Dangerous Goods Management*, each compliance requirement contains data for a specific dangerous goods regulation. SAP continuously provides new and updated versions of these compliance requirements as regulatory content, ensuring you have the latest information to assist in classifying dangerous goods. With this feature, the regulatory content has been updated, changed, and enhanced.

With this feature, the following new compliance requirement versions are delivered: *ADG 2024*, *ADN 2025*, *ADR 2025*, *ANTT 2023*, *CFR 49 as of May 13th 2024*, *IATA-DGR 2025*, *IMDG Code 2024*, *NOM-002-SCT/2023*, *RID 2025*, *SANS 2022*, and *UNRTDG 2023*.

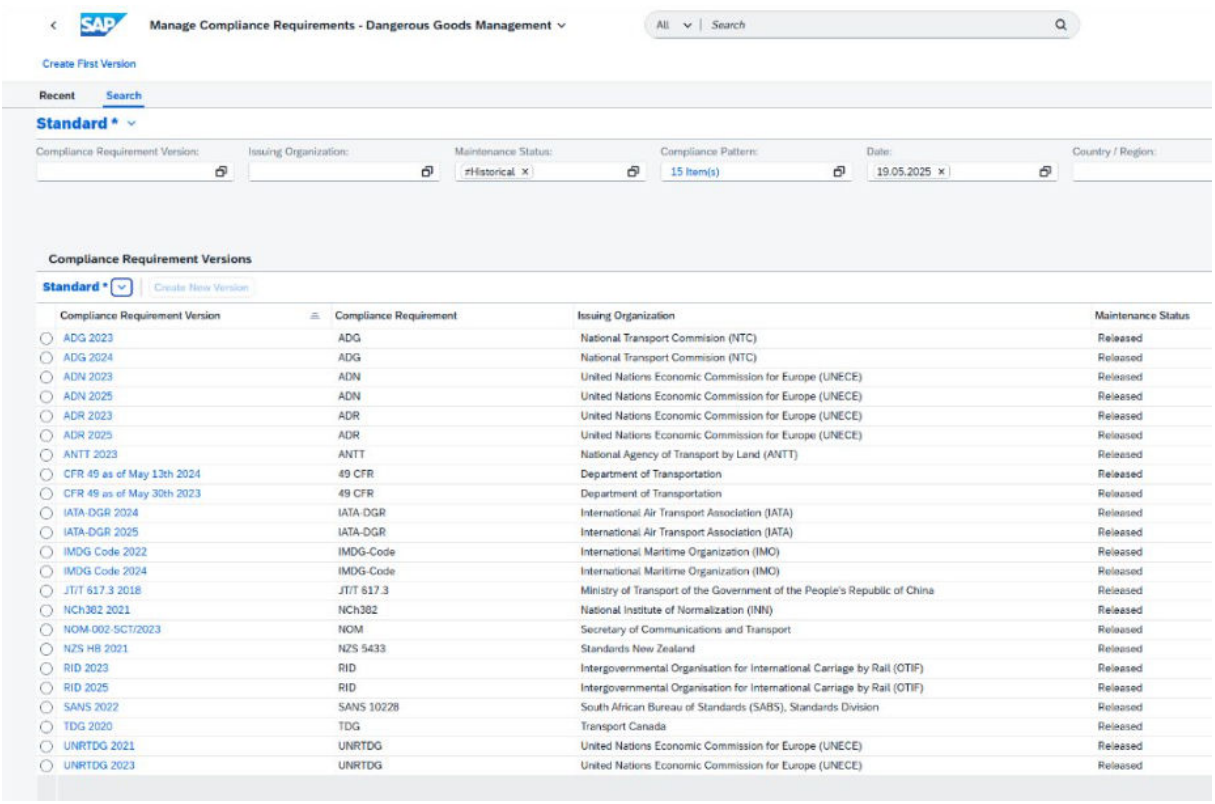
Additional data from the dangerous goods regulations has been added to the current versions of the *ADR*, *ADN*, *CFR 49*, *RID*, and *TDG* compliance requirements.

In addition, description templates and selection rules for the description templates have been changed for all compliance requirement versions.

> **Note**
>
> If you've enabled the continuous content delivery feature from the Regulatory Content Service, your content is automatically updated to include the new and updated compliance requirement versions. For more information, see Regulatory Content Service.

Example of User Interface

> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.



Implementation Details

You can find the new and updated compliance requirement versions in the *Activate Compliance Requirements - Dangerous Goods* app. In this app, you must activate the new compliance requirement version so that you can use the new data in the dangerous goods classification process. The data for the updated compliance requirement versions are immediately used in the dangerous goods processes. There's no need to activate the versions. However, you can confirm the changes for the updated compliance requirement versions this app.

Effects on Existing Data

With a new compliance requirement version, data from a new revision of a dangerous goods regulation is delivered. As a dangerous goods expert, you need to review the changes in the regulation and, if necessary, reclassify your products according to the new revision of the regulation. To support you in reclassifying your products, the system automatically creates classification requests for the affected products after you've activated the new compliance requirement version. You can check and release the classification using the *Manage Regulation Updates - Unpackaged Products* and *Manage Regulation Updates - Packaged Products* apps.

Related Information

You can find more information in the product assistance for *Product Compliance*. See:

- SAP Content for Dangerous Goods Management
- Reassessing Products After Dangerous Goods Regulation Updates
- Dangerous Goods Description

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3FC (Assess Dangerous Goods for a Product)
Technical Object Name	Not applicable
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.3.2 OData API: Dangerous Goods Classification

Business Details

With this feature, a new operation is added to the `Dangerous Goods Classification` (`DangerousGdsClassfctn`) API. With this operation, the points for exemptions for quantities carried per transport unit according to ADR/RID 1.1.3.6. are calculated.

When you transport packaged dangerous goods in countries/regions where ADR or RID are applicable dangerous goods regulations, you may use the exemption for quantities carried per transport unit according to ADR/RID 1.1.3.6.

To support transportation planners in planning transports using the exemption according to ADR/RID 1.1.3.6, a new operation has been added to the `Dangerous Goods Classification` (`DangerousGdsClassfctn`) API. This operation uses the dangerous goods classification of the shipped packaged product to determine its transport category. Together with the shipped quantity from the transport order, the operation calculates the points according to ADR/RID 1.1.3.6 for the entire transport order, for each item included in the transport order, and for each transport category. Using this information, the transport planner can determine if the total for a transport order exceeds 1000 points and can shift items to another transport order to stay below the 1000 points and avoid a more expensive dangerous goods transport.

Related Information

- The API is available on the SAP Business Accelerator Hub. See Dangerous Goods Classification.
- You can find more information about the API in the product assistance for *Product Compliance*. See Dangerous Goods Classification.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3VR (Manage Safety Data Sheets for Products)
Technical Object Name	Not applicable
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.3.3 Integration of Dangerous Goods Packing Instructions

Business Details

This feature enables you to view new packing instruction data for IMDG, ADR, RID, IATA, ADN 2025, ANTT 2023, ADG 2024, JT/T617.3 2018, NOM 2023, SANS 2022, NZS 2021, NCh382 2021 and UNRTDG.

Packing instructions according to dangerous goods regulations are now integrated into compliance management apps, providing visibility into acceptable packaging options. This feature ensures adherence to safety standards by detailing permissible packaging combinations and quantities, aiding in the safe and compliant transportation of hazardous materials.

For IMDG, packing instructions for the following types of packages have been added:

- P001, P002, P003, P004, P005, P006, P099, P206, P207, P401, P402, P403, P404, P410, P502, P503, P907, P908, P909, P911
- IBC520, IBC620, IBC99

For UNRTDG, packing instructions for the following types of packages have been added:

- P001, P002, P003, P004, P005, P006, P099, P206, P207, P401, P402, P403, P404, P410, P502, P503, P907, P908, P909, P911

- IBC520, IBC620, IBC99
- LP02, LP03, LP101, LP102, LP200, LP621, LP622, LP902, LP903, LP904, LP905, LP906, LP99

For ADR, packing instructions for the following types of packages have been added:

- P001, P002, P003, P004, P004, P005, P006, P099, P206, P207, P401, P402, P403, P404, P410, P502, P503, P907, P908, P909, P911
- IBC520, IBC620, IBC99
- LP02, LP03, LP101, LP102, LP200, LP 621, LP622, LP902, LP903, LP904, LP905, LP906, LP99

For RID, packing instructions for the following types of packages have been added:

- P001, P002, P003, P004, P005, P006, P099, P206, P207, P401, P402, P403, P404, P410, P502, P503, P907, P908, P909, P911
- IBC520, IBC620, IBC99
- LP02, LP03, LP99, LP101, LP102, LP200, LP621, LP622, LP902, LP903, LP904, LP905, LP906

For IATA-DGR 2025, packing instructions for the following types of packages have been added:

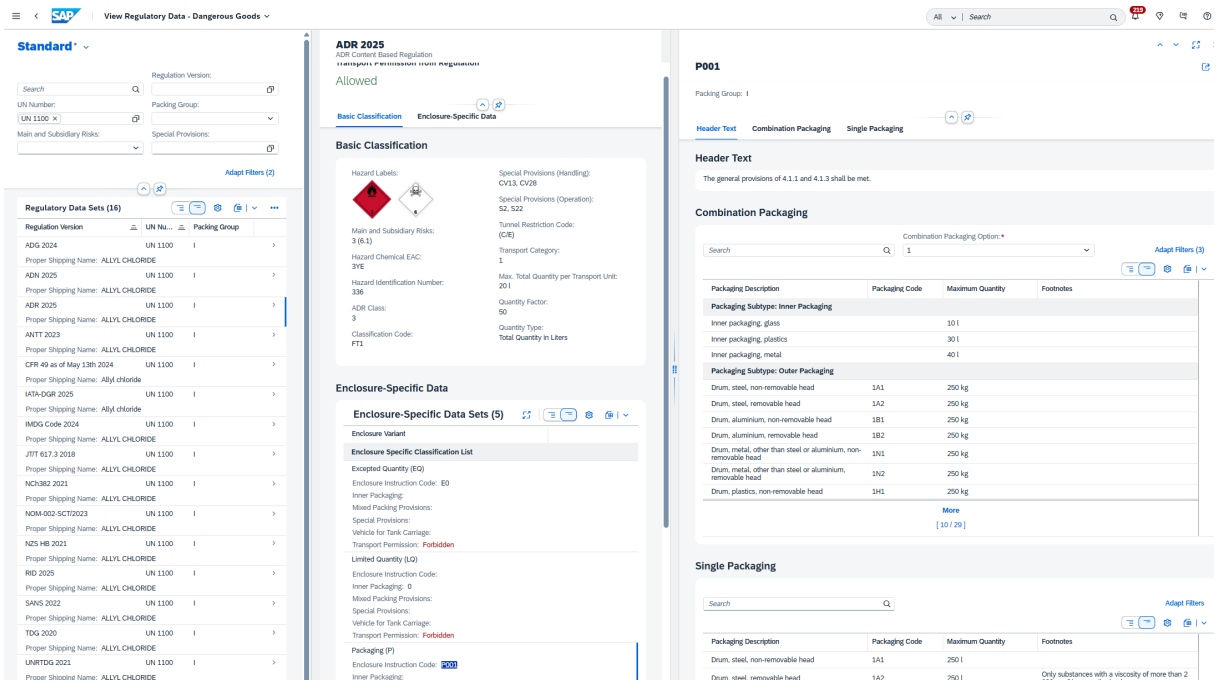
- 350, 351, 352, 353, 361, 364, 365, 366, 445, 446, 448, 449, 450, 451, 462, 463, 464, 465, 466, 467, 468, 469, 478, 479, 487, 550, 554, 652, 653, 655, 850, 851, 852, 860
- Y340, Y341, Y342, Y343, Y344, Y370, Y440, Y441, Y442, Y443, Y450, Y474, Y475, Y476, Y477, Y540, Y543, Y544, Y545, Y546, Y640, Y641, Y642, Y644, Y645, Y840, Y841, Y844, Y845, Y956

For ADN 2025, ANTT 2023, ADG 2024, JT/T617.3 2018, NOM 2023, SANS 2022, NZS 2021, NCh382 2021, packing instructions for the following types of packages have been added:

- P001, P002

Examples of the User Interface

> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.



Implementation Details

Effects on Existing Data

You can find new packing instructions data in the *View Regulatory Data - Dangerous Goods* app.

Related Information

You can find more information in the product assistance for *Product Compliance*:

- For more information on packing instructions, seeView Regulatory Data - Dangerous Goods.
- For more information on dangerous goods regulatory content, see SAP Content for Dangerous Goods Management.

Technical Details

Type	Changed
Functional Localization	No Localization

Scope Item	3FC (Assess Dangerous Goods for a Product)
Technical Object Name	App ID: F6954
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.3.4 Introduction of Partially Packaged Dangerous Goods

Business Details

With this feature, you can set products as partially packaged in the *Edit Packaging Details* dialog in the *Classify Packaged Dangerous Good* app.

If a product has been packaged but its packaging does not comply with the applicable dangerous goods regulations, transport of this product is not allowed. This feature supports you, as a dangerous goods specialist, in preventing the transport of non-compliant products.

When you edit packaging information in the *Classify Packaged Dangerous Goods* app in the *Packaging Details* section, you can select the new *Partially Packaged* checkbox for a dangerous good that requires additional packaging before transport is allowed. Since partially packaged dangerous goods are enclosed only with an inner packaging, you only have to enter information for the applicable inner packaging. The dangerous goods packaging information is then no longer displayed when you select this checkbox.

When you save your entries, the system automatically sets the transport permission for the partially packaged dangerous good to *Forbidden*. In addition, data that is not needed for partially packaged dangerous goods is no longer displayed. This includes further data and hazard notes in the *Packaging Details* section, and the enclosure variant and marking text in the *Dangerous Goods Classification* section.

After you have released the classification, it is used in follow-on processes, such as the transport permissibility check that is carried out in business documents within the value chain. This check blocks the business document from further processing and prevents the transport of the partially packaged dangerous good.

Related Information

You can find more information about editing packaging details in the product assistance for *Product Compliance*. See Edit Product-Specific Details.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3FC (Assess Dangerous Goods for a Product)
Technical Object Name	Not applicable
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.3.5 Classification of Products in Packing Instruction

Business Details

With this feature, you can classify products in packing instructions as part of the dangerous goods classification process.

Unpackaged and partially packaged products have to be included in a packing instruction to be allowed to be transported. When such a dangerous good is included in a new packing instruction in the logistical packing process and the packing instruction is saved, a worklist entry is created in the *Products in Packing Instructions* tab in the *My Packaged Dangerous Goods* app. By selecting an entry in this list, you can navigate to the *Classify Product in Packing Instruction* app where you can get an overview of the dangerous goods regulations for which you have to classify the product together with its packing instruction. You can specify further product-specific details and carry out actions for one or multiple regulations, such as specifying an enclosure variant or determining labels. If you want to add a regulation or mode-of-transport-specific data, you can navigate to the *Classify Dangerous Good – Packaged Product* app. In this app you can further classify your product with its packing instruction according to that specific regulation and decide whether the transport by specific modes of transport is allowed or forbidden.

Technical Details

Action	Action/Review Required
Type	Changed
Functional Localization	No localization

Scope Item	3FC (Assess Dangerous Goods for a Product)
Technical Object Name	App ID: F8488 App ID: F3667 App ID: F4833
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Products in Packing Instructions
Classify Product in Packing Instruction
Dangerous Good - Classification Details for a Product in Packing Instruction

8.4.3.6 Regulation Specific Details for Dangerous Goods Compliance Requirements

Business Details

With this feature, 10 new regulation-specific fields are embedded in compliance requirements for dangerous goods management and can be seen in the *View Regulatory Data - Dangerous Goods* app as well. This feature allows for more efficient compliance with dangerous goods regulations by creating more complete declaration criteria, in preparation for transport, of products classified as dangerous goods.

Data fields have been added for the following dangerous goods regulations:

- ADR / RID / ADN for Enclosure-Specific List:
  - Mixed Packing Provision (9b)
  - Vehicle for Tank Carriage (14)
  - Special Provision for Carriage, Packages (16)
  - Special Provision for Carriage, Bulk (17)
- ADN for Basic List:
  - Equipment required (9)
  - Ventilation (10)
- CFR 49 for Enclosure-Specific List:
  - Vessel Stowage Location (10A)
  - Vessel Stowage Other (10B)

- TDG:
  - Passenger Carrying Index (8,9) for Enclosure-Specific List
  - ERAP Index (7) for Basic List

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3FC (Assess Dangerous Goods)
Technical Object Name	F6934
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

View Regulatory Data - Dangerous Goods
SAP Content for Dangerous Goods Management

8.4.3.7 Introduction of Segregation Codes for Products for the IMDG-Code Regulation

Business Details

With this feature, the new *Segregation Code for Products* field is added to the *Classify Dangerous Good According to IMDG - Unpackaged Product* (F4514) app. When you use this app to classify unpackaged products according to the IMDG-Code, you can now enter segregation codes for products that are classified as dangerous goods. You can select segregation codes that are delivered with the compliance requirement that represents this dangerous goods regulation.

Additionally, the *Segregation Code* field has been added to the `Dangerous Goods Basic Classification` (`DngrsGoodsBasicClassification`) API and to the *DG - Assessment for unpackaged product (content-based)* migration object.

Related Information

You can find more information about the classification of unpackaged dangerous goods and about the API in the product assistance for *Product Compliance*. See:

- Classifying Unpackaged Dangerous Goods
- Dangerous Goods Basic Classification

You can find more information about the migration object in the product assistance for *Data Migration*. See DG - Assessment for unpackaged product (content-based).

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3FC (Assess Dangerous Goods for a Product)
Technical Object Name	Not applicable
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.3.8 Introduction of Other Provisions for Vessel Stowage for the CFR 49 Regulation

Business Details

This feature introduces other provisions for vessel stowage, as listed in column 10B of the hazardous materials table in §172.101 of the 49 CFR regulation. The data for the provisions for vessel stowage is provided with an updated version of the compliance requirement that represents the 49 CFR regulation. Additionally, the *Other Provisions According to Regulation* and *Other Provisions for Product* fields have been added to the *Classify Dangerous Good According to CFR 49 - Unpackaged Product* (F4566) app.

When you use this app to classify unpackaged products as dangerous goods according to the 49 CFR regulation, you can now view other provisions for vessel stowage if they are provided by the regulation. If needed, you can also enter other provisions that are specific to your product.

Implementation Details

Effects on Existing Data

You can find the updated compliance requirement version in the *Activate Compliance Requirements - Dangerous Goods* app. In this app, you can confirm the update. However, please note that the updated data is used for the dangerous goods classification process even if you don't confirm the update.

Related Information

You can find more information about the classification of unpackaged dangerous goods in the product assistance for *Product Compliance*. See Classifying Unpackaged Dangerous Goods.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3FC (Assess Dangerous Goods for a Product)
Technical Object Name	Not applicable
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.3.9 Determination of Enclosure Variants Based on the Dangerous Goods Packaging

Business Details

With this feature, assignments of enclosure variants to packagings are delivered in the *Specify Descriptions of Dangerous Goods Packages* Customizing activity. This assignment is used to automatically determine the applicable enclosure variant when you select a packaging on the *Edit Packaging Details* dialog in the *Classify Packaged Dangerous Good* app.

Implementation Details

Customizing

In the *Specify Descriptions of Dangerous Goods Packages* Customizing activity, the *Enclosure Variant* column has been added. With this column, you can assign an enclosure variant to a dangerous goods packaging.

The system is delivered with example settings. You can check the settings in the Customizing under *Product Compliance* > *Dangerous Goods Management* > *Specify Descriptions of Dangerous Goods Packages*.

Related Information

You can find more information in the product assistance for *Product Compliance*. See Edit Product-Specific Details.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3FC (Assess Dangerous Goods for a Product)
Technical Object Name	Not applicable
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.3.10 Dangerous Goods Classification of Selected Products

Business Details

With this feature, you can select multiple products in the *My Packaged Dangerous Goods* and *Classify Unpackaged Dangerous Good* apps, and classify all the selected products together instead of having to classify them one by one.

In the *My Packaged Dangerous Goods* app, you can select the products that you want to classify from the *Packaged Products* list and choose *Classify Selected Products*.

In the *Classify Unpackaged Dangerous Good* app, you can select products in the *Related Packaged Products* section. If the classification of at least one of the related packaged products is in progress, you can choose *Classify Selected Products*.

If you have selected products that are classified as dangerous goods, a classification dialog opens in which you have to enter the required information for the dangerous goods packaging, select an enclosure variant, and, if applicable, assign an exemption category for the selected products. With this information, the system determines the applicable dangerous goods classification. On the *Verify Classification Results* page, you have to verify the classification data and save or release the classification assessments. If necessary, you can select regulations and change the transport permission for the selected dangerous goods regulations.

If you have selected products that are classified as no dangerous goods, the system opens the *Verify Classification Results* page directly. On this page, you can change the determined transport permission, and save or release the classification assessments.

In addition, you can navigate from the product name link to the *Maintain Bill of Material* and the *Manage Product Master Data* apps.

Related Information

You can find more information in the product assistance for *Product Compliance*.

- For more information about the apps that you can use to classify selected products, see:
  - My Packaged Dangerous Goods.
  - Classify Unpackaged Dangerous Good
- For more information about how to classify multiple selected products in one go, see Initiate Product Classification.
- For more information about how to classify packaged products according to the applicable dangerous goods regulations, see Classifying Regulation-Compliant Packaged Dangerous Goods.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3FC (Assess Dangerous Goods for a Product)
Technical Object Name	App IDs: F3711 (*My Packaged Dangerous Goods*) F3642 (*Classify Unpackaged Dangerous Good*)
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

8.4.3.11 Handing of Exemptions and Special Provisions

Business Details

With this feature, the handling of exemptions and special provisions has been changed and enhanced to support additional exemptions and special provisions and to simplify the classification process.

With this feature, a new exemption category is introduced with a configuration activity to specify additional exemption categories. In addition, new exemption phrases are provided and are used in new description templates to optimize the generation of the dangerous goods description for documents. These phrases are used in two new placeholders that are included in two new description templates. The new placeholders and description templates replace those previously used for exemptions and special provision texts. The previously used placeholders are no longer used in description templates, and the obsolete description templates are no longer provided. To include the new description templates in the generation process of the dangerous goods description, new selection rules for exemptions and special provisions are delivered.

Here are more details about the changes:

Exemption Categories

Dangerous goods regulations offer exemptions to facilitate the transport of dangerous goods if specific conditions are met. In dangerous goods regulations, these exemptions are stated as special provisions or are described in paragraphs. The same exemption could be mentioned in different paragraphs of the regulation. The numbering of an applicable special provision could also be different from one regulation to another. When certain dangerous goods are transported, for example, in packaging containing a net quantity of 5 liters or less or a net mass of 5 kg or less per inner packaging, a special provision can be used to facilitate transport. In ADR, this is special provision 375, while in IATA, it's special provision A197. The exemption for viscous liquids is mentioned, for example, in ADR in paragraph 2.2.3.1.5, in the IMDG Code in Sub-Section 2.3.2.5 and in NCh382 in Chapter 11.3.

To group exemptions with the same conditions together across all dangerous goods regulations, the exemption category has been introduced.

You can specify exemption categories in the *Specify Exemption Categories* configuration activity. The following entries are delivered with the standard system:

- 10 g exemption (SP 335)
- 5 l exemption (SP 375)
- Exemption for combustible liquids in non-bulk packagings (only CFR 49)
- Exemption for no sustained combustion
- Exemption for batteries (SP 188)
- Exemption for articles that are pressurized, pneumatic, or hydraulic (SP 283)
- Exemption for engines with internal combustion (SP 363)
- Exemption for batteries with corrosive ingredients (SP 598)
- Exemption for viscous liquids

The exemptions or special provisions in the various dangerous goods regulations are assigned to the exemption categories. This assignment is delivered with the compliance requirement that represents the dangerous goods regulation. You can view the assignment using the *Manage Compliance Requirements - Dangerous Goods* app on the *Output Details* tab in the *Selection Rules for Exemptions* section. You can also create additional assignments using the *Configure Compliance Requirements - Dangerous Goods* app.

Exemption Phrases

New phrases are delivered to support the generation of the dangerous goods description. Specifically, these phrases support the description generation when you transport dangerous goods according to the exemptions and special provisions that the delivered exemption categories support. The exemption phrases are provided in the required languages for documents. They're assigned to the *Dangerous Goods Exemption Phrase* phrase-enabled field so that you can use them in the classification process.

Placeholders

The following new placeholders are delivered:

- `<<EXEMPTION_PHRASE>>`: Placeholder for the exemption phrase. It's resolved by the phrase text that corresponds to the applied exemption category in the required languages.
- `<<TEXT_UP_TO_TRANS_TEMP>>`: Placeholder for the translatable text that indicates that you're allowed to transport dangerous goods up to a specific temperature. It's resolved by the translation of the *Transport allowed up to a transport temperature of* text in the required languages.
- `<<FLASHPOINT>>`: Placeholder for the value for the flashpoint closed cup or the flashpoint open cup in °C. It's resolved by the flashpoint value from the safety-related properties. If the value is entered in a unit of measurement other than °C, the value is converted into °C and rounded to two decimal places. It is used after placeholder `<<TEXT_UP_TO_TRANS_TEMP>>`.

These new placeholders replace the placeholders that were previously used for the different exemptions and special provisions:

- <<TEXT_SP_34>>
- <<TEXT_SP_99>>
- <<TEXT_SP_188>>
- <<TEXT_SP_335>>
- <<TEXT_SP_375>>
- <<ADR_SPECIAL_PROV_640X>>
- <<TEXT_SP_A158>>
- <<TEXT_SP_A197>>
- <<TEXT_SP_966II>>
- <<TEXT_SP_967II>>
- <<TEXT_SP_969II>>
- <<TEXT_SP_970II>>
- <<TEXT_CH_2.10.2.7>>
- <<TEXT_CH_2.43_2.45_2.7>>
- <<TEXT_PGPH_171.4C12>>
- <<TEXT_PGPH_173.185C>>
- <<TEXT_PGPH_173.150F2>>

Description Templates

To support the new placeholders for exemptions and special provisions, the following new description templates are provided:

- *Exemptions / Special Provisions*
- *Exemptions / Special Provisions (Flash Point Dependent)*

The new description templates replace the description templates that were previously used for the different exemptions and special provisions:

- Special Provision 34
- Special Provision 188
- Special Provision PI 966
- Special Provision PI 967
- Special Provision PI 969
- Special Provision PI 970
- UN3077 / UN3082 Special Provision 335
- UN3077 / UN3082 Special Provision 375
- UN3077 / UN3082 Special Provision A158
- UN3077 / UN3082 Special Provision A197
- UN3077 / UN3082 Exemption § 171.4 (c) (1) (2)
- UN3077 / UN3082 Special Provision 335
- UN3077 / UN3082 Chapter 2.10.2.7
- UN3077 / UN3082 Special Provision 335
- UN3077 / UN3082 Chapter 2.43, 2.45, 2.7
- UN3077 / UN3082 Special Provision 99
- Transport according to section §173.185 (c)
- Transport not regulated according to §173.150 (f) (2)

Selection Rules for Description Templates

To include the new description templates in the generation process of the dangerous goods description for documents, the new *Exemption-Specific Selection Rules* rule set is delivered. This rule set it part of the compliance requirement that represents the dangerous goods regulation. It's used to determine the description templates for exemptions and special provisions based on specific selection criteria, such as the UN number or the dangerous goods class.

The existing selection rule set has been adapted and renamed to *General Selection Rules*.

Implementation Details

Effects on Existing Data

With this feature, all compliance requirement versions have been updated with the new description templates and selection rules. You can find the updated versions in the *Activate Compliance Requirements - Dangerous Goods* app. In this app, you can confirm the changes.

Dangerous goods descriptions that were generated with the now-obsolete description templates and placeholders aren't affected. The existing descriptions aren't changed by this feature. The feature affects only the generation of new dangerous goods descriptions for documents.

Customizing

The new *Specify Exemption Categories* configuration activity is provided. In this activity, a configuration expert can specify new exemption categories that can be used in the classification process of packaged dangerous goods.

The standard system is delivered with entries that cannot be deleted. You can add additional exemption categories in the Customizing under *Product Compliance* > *Dangerous Goods Management* > *Specify Exemption Categories*.

Related Information

- For more information about further features that support the handling of exemptions and special provisions in *Dangerous Goods Management*, see:
  - Assignment of Exemptions or Special Provisions to Multiple Dangerous Goods Regulations [page 775]
  - Support for Additional Exemptions and Special Provisions [page 776]
- You can find more information about classifying packaged products and using placeholders and description templates to generate the dangerous goods description for documents in the product assistance for *Product Compliance*. See:
  - Classifying Regulation-Compliant Packaged Dangerous Goods
  - Exemptions and Special Provisions for Specific Dangerous Goods
  - Dangerous Goods Description
  - Placeholders

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3FC (Assess Dangerous Goods for a Product)
Technical Object Name	Not applicable
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.3.12 Assignment of Exemptions or Special Provisions to Multiple Dangerous Goods Regulations

Business Details

With this feature, you can assign exemption categories to multiple dangerous goods regulations using the *Classify Packaged Dangerous Good* app.

You can now enter exemptions or special provisions information using the *Classify Packaged Dangerous Good* app. In this app, you can select multiple dangerous goods regulations and assign an exemption category to all selected regulation at once in the *Specify Enclosure Variant* dialog.

Exemption categories group exemptions and special provisions with the same conditions together across all dangerous goods regulations. The assignment of the exemption categories to the exemptions or special provisions is delivered with the compliance requirement that represents the dangerous goods regulation. You can view the assignment on the *Output Details* tab in the *Exemption-Specific Selection Rules* section of the *Manage Compliance Requirements - Dangerous Goods* app.

Related Information

- For more information about further features that support the handling of exemptions and special provisions in *Dangerous Goods Management*, see:
  - Handing of Exemptions and Special Provisions [page 771]
  - Support for Additional Exemptions and Special Provisions [page 776]
- You can find more information about classifying packaged product and the use of description templates to generate the dangerous goods description for documents in the product assistance for *Product Compliance*. See:
  - Handling of Exemptions and Special Provisions
  - Classifying Regulation-Compliant Packaged Dangerous Goods
  - Classify Packaged Dangerous Good
  - Dangerous Good - Classification Details for a Packaged Product

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3FC (Assess Dangerous Goods for a Product)
Technical Object Name	Not applicable

Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.3.13 Support for Additional Exemptions and Special Provisions

Business Details

With this feature, you can append data for additional exemptions and special provisions to the data that is delivered with the compliance requirements that represent the dangerous goods regulation using the *Configure Compliance Requirements - Dangerous Goods* app.

Compliance requirements are delivered as part of the SAP regulatory content. They include a *Selection Rules for Exemptions* rule set, which is used for the selection of description templates for exemptions and special provisions. It contains the assignment of the exemptions or special provisions, as specified in the various dangerous goods regulations, to exemption categories. You, as a customer, cannot change the content delivered by SAP. To enable you to use additional exemptions and special provisions in the classification process, the *Configure Compliance Requirements - Dangerous Goods* app is provided. With this app, you can extend additional selection rules to the delivered rule sets for the compliance requirement that you've selected in the *Activate Compliance Requirements – Dangerous Goods* app. The selection rules that you've specified in the *Configure Compliance Requirements - Dangerous Goods* app are then used to determine the applicable description template to generate the correct dangerous goods description for documents.

To further support your classification process, a new rule has been introduced that supports customer-specific additional exemptions and special provisions. When you classify your product according to a specific dangerous goods regulation and select a customer-specific exemption or special provision, the new rule sets the *Ignore Labels from Regulation* indicator to *Yes*. With this indicator set by the system, the labels that are specified in the dangerous goods regulation are no longer applied.

Implementation Details

Effects on System Administration

To enable users to access the *Configure Compliance Requirements - Dangerous Goods* app, their business users need to have the following business catalogs assigned: *Product Compliance - Dangerous Goods Configuration* (`SAP_PSS_BC_PC_DG_CNFG_PC`)

Related Information

- For more information about further features that support the handling of exemptions and special provisions in *Dangerous Goods Management*, see:
  - Handing of Exemptions and Special Provisions [page 771]
  - Assignment of Exemptions or Special Provisions to Multiple Dangerous Goods Regulations [page 775]
- You can find more information about classifying packaged products and the use of description templates to generate the dangerous goods description for documents in the product assistance for *Product Compliance*. See:
  - Configure Compliance Requirements - Dangerous Goods
  - Classifying Regulation-Compliant Packaged Dangerous Goods
  - Additional Exemptions and Special Provisions
  - Dangerous Goods Description

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3FC (Assess Dangerous Goods for a Product)
Technical Object Name	App ID: `F7712`
Application Component	`EHS-SUS-DG` (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.3.14 Introduction of Placeholders with Conditions

Business Details

With this feature, placeholders with conditions are introduced. These placeholders enable you to show or hide parts of the dangerous goods description based on a specified logic. You can use these placeholders as `IF…ENDIF` or `IF…ELSE…ENDIF` statements to control whether placeholders without conditions are resolved in the dangerous goods description.

With this feature, the following placeholders are provided:

- `<<IF_USG04_APPLIES>>`
- `<<ELSE_USG04_APPLIES>>`

- `<<ENDIF_USG04_APPLIES>>`

These placeholders support the requirements specified in the USG-04 section of the IATA regulation. Section USG-04 describes the information that must be included in the dangerous goods description when 49 CFR is involved in air transport. This section applies if the departure or destination country of the transport is the United States.

Related Information

You can find more information in the product assistance for *Product Compliance*. See Placeholders with Conditions.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3FC (Assess Dangerous Goods for a Product)
Technical Object Name	Not applicable
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.3.15 Output Scenarios for Dangerous Goods Description for Transportation Documents

Business Details

With this feature, new output scenarios are delivered to support the printing of dangerous goods data on transportation documents.

If you transport dangerous goods, information about the transported dangerous goods must be printed on the transportation documents. The dangerous goods data that must be printed is determined by the dangerous goods regulations and the type of document. For each supported document, an output scenario is delivered that specifies which dangerous goods data is printed and in what sequence on the document. The provided output scenarios define the dangerous goods data that is provided to *Transportation Management*.

Additionally, you can select the delivered output scenarios using the *View all Descriptions* function in the *Classify Packaged Dangerous Goods* app to preview how the dangerous goods data will be printed on the supported documents.

Implementation Details

Customizing

Output scenarios are delivered with the *Specify Output of Dangerous Goods Description* configuration activity. In this activity, you can specify for each supported document which segments of the description template are printed and in which sequence.

With this feature, the following new output scenarios are delivered with the *Specify Output of Dangerous Goods Description* Customizing activity:

- Transportation Management – ADG Dangerous Goods Note
- Transportation Management – ADN Dangerous Goods Note
- Transportation Management – ANTT Dangerous Goods Note
- Transportation Management – JT/T617.3 Dangerous Goods Note
- Transportation Management – Nch382 Dangerous Goods Note
- Transportation Management – NOM Dangerous Goods Note
- Transportation Management – NZS Dangerous Goods Note
- Transportation Management – Shipping Instruction
- Transportation Management – SANS Dangerous Goods Note
- Transportation Management – UNRTDG Dangerous Goods Note

You can edit the delivered settings by specifying which dangerous goods data is to be printed on which document and in which sequence in the Customizing under *Product Compliance* > *Dangerous Goods Management* > *Specify Output of Dangerous Goods Description*.

Related Information

You can find more information in the product assistance of *Product Compliance*. See Output Scenario.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3G8 (Dangerous Goods in the Value Chain)

Technical Object Name	Not applicable
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.3.16 Printing of *Transport Forbidden* Instead of the Dangerous Goods Description

Business Details

With this feature, you can choose to print only the *Transport forbidden* text on sales and delivery documents. Previously, the dangerous goods description for dangerous goods for which the transport is forbidden was printed additionally.

A dangerous goods check is carried out in business documents within the value chain, that verifies the transport permission of a product. If the check determines that the transport of a product is forbidden, it blocks transportation documents for further processing. Sales and delivery documents are not blocked. Instead, a *Transport forbidden* text is printed on these documents to make it clear that the transport of the product is not allowed. This feature enables you to decide whether to print only the *Transport forbidden* text on sales or delivery documents or whether you want to print the text together with the dangerous goods description.

To support the different printing options, the *Print Only "Transport Forbidden"* flag is included in the *Specify Output of Dangerous Goods Description* configuration activity. For dangerous goods, for which the transport is forbidden, this flag controls whether only the *Transport forbidden* text is printed on sales or delivery documents or whether the text is printed together with the dangerous goods description. If the flag is selected, the *Transport forbidden* text replaces the dangerous goods description on sales or delivery documents. If the flag is not selected, the text is printed together with the dangerous goods description.

Implementation Details

Customizing

In the *Specify Output of Dangerous Goods Description* Customizing activity, the *Include Transport Permission* flag was replaced by the *Print Only "Transport Forbidden"* flag. With this flag, a configuration expert can specify whether only the *Transport forbidden* text is printed on sales or delivery documents for dangerous goods for which the transport is forbidden or whether the text is printed together with the dangerous goods description.

The system is delivered with example settings. You can check the settings in the Customizing under *Product Compliance* > *Dangerous Goods Management* > *Specify Output of Dangerous Goods Description*.

Related Information

You can find more information about the generation of the dangerous goods description for documents in the product assistance for *Product Compliance*. See Dangerous Goods Description.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3G8 (Dangerous Goods in the Value Chain)
Technical Object Name	Not applicable
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.3.17 Printing of Dangerous Goods Freight Documents for Road, Rail, and Ocean Transport

Business Details

With this features, you can now print dangerous good data on the freight documents for road, rail, and ocean transport in Transportation Management.

When transporting dangerous goods, information about the transported dangerous goods must be printed on the transportation documents. If a freight order contains dangerous goods, the system determines all applicable regulations and modes of transport and generates the appropriate documents with dangerous goods data when you save the freight order. For printing the dangerous goods description, predefined description templates with placeholders are used. The dangerous goods regulation for which the data is printed are determined by a check that is carried out in the documents within the value chain.

Dangerous goods data can now be printed on the following transportation documents:

- ADR dangerous goods note
- RID dangerous goods note
- US bill of lading
- Canadian bill of lading
- IMO dangerous goods declaration

Related Information

- For more information about the print forms that have been enhanced in Transportation Management to support printing of dangerous goods data, see Enhancements for DG Handling Using Product Compliance [page 1088].
- For more information about the output scenarios that support the printing of dangerous goods data on transportation documents, see Output Scenarios for Dangerous Goods Description for Transportation Documents [page 778].
- You can find more information about the transportation documents the support the printing of dangerous goods data in the product assistance for *Product Compliance*. See Output of Dangerous Goods Data on Transportation Management Documents.
- You can find more information about the printing of transportation documents in the product assistance for Transportation Management. See Configuration of Printing.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3G8 (Dangerous Goods in the Value Chain)
Technical Object Name	Not applicable
Application Component	`EHS-SUS-DG` (*Dangerous Goods*); `TM-CF-DG` (*Dangerous Goods*); `TM-BF-OM` (*Output Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.3.18 Timing of Compliance Checks in Sales Orders and Deliveries

Business Details

With this feature, the timing of compliance checks that are carried out in sales documents, such as sales orders, and outbound deliveries has been changed. Previously, compliance checks were carried out when the `Enter` key was chosen in the process of editing a business document. Now, these checks are carried out when the business document is saved. Carrying out the compliance checks later in the process enables the mixed loading check to determine segregation requirements for all items in a sales order or an outbound delivery collectively.

The compliance checks in sales documents and deliveries validate market assessments for compliance-relevant products and verify whether a safety data sheet is required for a product and whether the relevant safety data sheet is available in the specified languages. They also determine whether the transport of a product is allowed or forbidden according to specific dangerous goods regulations, and whether products can be transported together in the same transport unit or must be segregated. Depending on the result of a check, the corresponding compliance status is set at both the item and header level.

Since the checks are now carried out only after the business document has been saved, the new *Blocked - Check Pending* status is introduced at both the item and header levels. This status is set when a new item is added to the business document, or an existing item is changed, but the document has not yet been saved. When the changes are saved, the compliance checks are carried out, and the correct check status is determined and set.

Related Information

You can find more information about the checks that are carried out in business documents within the value chain in the product assistance for *Product Compliance*. See:

- Product Compliance Data in Sales Processes
- Product Compliance Data in Delivery Processes

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3G8 (Dangerous Goods in the Value Chain)
Technical Object Name	Not applicable
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.3.19 Introduction of a Mixed Loading Check for IMDG Code and CFR 49 Regulation

Business Details

According to dangerous goods regulations, different products may not be transported together in the same transport unit but must be segregated from one another. With this feature, a mixed loading check is provided

to verify compliance with the IMDG-Code and the 49 CFR regulation. This check ensures that only products whose mixed loading is permitted under these regulations are transported together.

The mixed loading check can be enabled using the *Enable Mixed Loading Check* configuration activity. If enabled, the check determines the dangerous goods classification data for the products that are relevant for the check and compares the data with segregation rules that are specified in the *Mixed Loading Check According to Dangerous Goods Regulations* (`BADI_EHDGM_MIXED_LOAD`) Business Add-In (BAdI). You can use this BAdI to influence the behavior of the mixed loading check by specifying specific segregation rules based on segregation codes or classes.

You can view the results of the mixed loading check using the *Dangerous Goods Information - For the Value Chain* app.

Implementation Details

For this feature, a new Customizing activity and a new Business Add-In (BAdI) are provided.

Customizing

With this feature, the new *Enable Mixed Loading Check* Customizing activity is provided. In this activity, you can enable the mixed loading check according to the IMDG-Code and 49 CFR regulations. In addition, you can specify whether the system is to issue a warning or an error if the system determines that a product must be stowed away from another.

The standard system is delivered with an entry that disables the mixed loading check. You can change the settings in the Customizing under *Product Compliance* > *Dangerous Goods Management* > *Enable Mixed Loading Check*.

Extensibility

With this feature, the `BADI_EHDGM_MIXED_LOAD` (*Mixed Loading Check According to Dangerous Goods Regulations*) Business Add-In (BAdI) is provided to extend the business logic for the dangerous goods mixed loading check on an individual basis.

The BAdI definition is delivered with an example implementation that includes the following classes:

- `CL_BADI_EHDGM_MIXED_LOAD_IMDG`: This class implements the mixed loading check according to the IMDG-Code regulation.
- `CL_BADI_EHDGM_MIXED_LOAD_49CFR`: This class implements the mixed loading check according to the 49 CFR regulation.

Related Information

- For more information about the integration of the mixed loading check, see Integration of the Mixed Loading Check in Value Chain Processes [page 785].
- For more information about the mixed loading check form the *Transportation Management* perspective, see Enhancements for DG Handling Using Product Compliance [page 1088].
- For more information about the app that you can use to view the results of the mixed loading check, see Display of Dangerous Goods Data for Value Chain Processes [page 787].

- You can find more information in the in the product assistance for *Product Compliance*. See:
  - Mixed Loading Check
  - Display of Dangerous Goods Data for Value Chain Processes [page 787]
  - BAdI: Mixed Loading Check According to Dangerous Goods Regulations

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3G8 (Dangerous Goods in the Value Chain)
Technical Object Name	Not applicable
Application Component	`EHS-SUS-DG` (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.3.20 Integration of the Mixed Loading Check in Value Chain Processes

Business Details

According to dangerous goods regulations, different products may not be transported together in the same transport unit. To ensure that only products compatible for mixed loading are transported together, a mixed loading check is provided. With this feature, the mixed loading check is integrated into business documents in sales, delivery, and transportation management processes.

The mixed loading check can be enabled using the *Enable Mixed Loading Check* configuration activity. If enabled, the check determines the dangerous goods classification data for the products that are relevant for the check and compares the data with segregation rules that are specified in the *Mixed Loading Check According to Dangerous Goods Regulations* (`BADI_EHDGM_MIXED_LOAD`) Business Add-In (BAdI).

You can view the results of the mixed loading check using the *Dangerous Goods Information - For the Value Chain* app.

Implementation Details

For the mixed loading check, a configuration activity and a Business Add-In (BAdI) are provided.

Customizing

In the *Enable Mixed Loading Check* configuration activity, a configuration expert can enable the mixed loading check according to the IMDG-Code and to the 49 CFR regulation. In addition, the configuration expert can specify whether the system is to issue a warning or an error if the system determines that a product must be stowed away from another.

In the standard system, the mixed loading check is disabled. You can change the settings and enable the mixed loading check in the Customizing under *Product Compliance* > *Dangerous Goods Management* > *Enable Mixed Loading Check*.

Extensibility

For the mixed loading check, the `BADI_EHDGM_MIXED_LOAD` (*Mixed Loading Check According to Dangerous Goods Regulations*) BAdI is delivered for developer extensibility. You can use it to influence the behavior of the mixed loading check by specifying specific segregation rules based on segregation codes or classes.

Related Information

- For information about the mixed loading check, see Introduction of a Mixed Loading Check for IMDG Code and CFR 49 Regulation [page 783].
- For more information about the mixed loading check from the *Transportation Management* perspective, see Enhancements for DG Handling Using Product Compliance [page 1088].
- You can find more information in the product assistance for *Product Compliance*.
  - For more information about the integration of the mixed loading check into value chain processes, see:
    - Dangerous Goods Check in Sales Processes
    - Dangerous Goods Check in Delivery Processes
    - Dangerous Goods Check in Transportation Management
  - For more information about the mixed loading check, see Mixed Loading Check.
  - For more information about the app that you can use to view the mixed loading check results, see Dangerous Goods Information - For the Value Chain.
  - For general information about the *Mixed Loading Check According to Dangerous Goods Regulations* (`BADI_EHDGM_MIXED_LOAD`) BAdI, see BAdI: Mixed Loading Check According to Dangerous Goods Regulations.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3G8 (Dangerous Goods in the Value Chain)
Technical Object Name	Not applicable

Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.3.21 Display of Dangerous Goods Data for Value Chain Processes

Business Details

With this feature, the *View Markings and Labels - Dangerous Goods* app is enhanced. The app no longer displays only dangerous goods markings and labels for products in a selected business document. In addition, it provides the results of a dangerous goods mixed loading check and displays the calculated points for the exemptions for quantities carried per transport unit according to ADR/RID 1.1.3.6. To reflect its enhanced functionality, the app has been renamed to *Dangerous Goods Information - For the Value Chain*.

As a packer, you can use the marking and labeling information to ensure that all required marking texts and labels are affixed on the package.

As an internal sales representative or a shipping specialist, you want to verify whether all items on your sales order or outbound delivery fulfill the dangerous goods requirements and can be transported together.

As a transportation planner, you can use the results of the mixed loading check and the information about the points calculated for ADR/RID 1.1.3.6 to plan transports that comply with the applicable dangerous goods regulations.

Related Information

- For more information about the provisioning of the mixed loading check, see Introduction of a Mixed Loading Check for IMDG Code and CFR 49 Regulation [page 783].
- For more information about the app and the mixed loading check, see the product assistance for *Product Compliance*:
  - Dangerous Goods Information - For the Value Chain
  - Mixed Loading Check

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	3G8 (Dangerous Goods in the Value Chain)
Technical Object Name	Not applicable
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.3.22 Processing of Requests from Logistics for Dangerous Goods Issues

Business Details

In documents within the value chain, such as purchase orders, sales orders, outbound deliveries, and freight orders, a dangerous goods check is carried out. If the check detects any issues, compliance requests are triggered. With this feature, you can process compliance requests for dangerous goods issues using the *Process Requests from Logistics* app.

If a product is sold, produced, or transported in a specific country/region, it has to be compliant with the regulation in this country/region. In *Product Compliance*, you can classify the product according to dangerous goods regulations applicable in a specific country/region. If a product that is marked as compliance relevant in the product master is added to a business document within the value chain, a dangerous goods check is carried out to check if the transport of this product is allowed. If the check detects any issues, a compliance request is created, triggered by the business process in which the issues occurred. The compliance request is sent to *Product Compliance* and can be processed by opening the *Process Requests from Logistics* app using the *Process Requests from Logistics - For Dangerous Goods* tile.

With this feature, the *Process Requests from Logistics* (F3342) app has been changed to support you in processing dangerous goods issues within this app using the flexible column layout. Depending on the type of issue addressed in the compliance request, a new column opens with details about the issue. From this new column, you an view the required steps that you have to carry to solve the issue. For example, if applicable dangerous goods regulations for a country/region are missing, you can navigate to the *Apply Regulations - Dangerous Goods* app to specify these regulations. If not all required dangerous goods classifications are released for a product, you can navigate to the *Classify Unpackaged Dangerous Goods* or *Classify Packaged Dangerous Goods* apps to finalize and release the missing classifications.

Implementation Details

Authorizations

To enable users to access the *Process Requests from Logistics* app by the tile with the request responsibility *Dangerous Goods Management*, their business users need to have the `SAP_PSS_BC_PKG_DG_MGMT` (Product Compliance - Packaged Dangerous Goods) business catalog assigned.

Related Information

You can find more information about the *Process Requests from Logistics* app in the product assistance for *Product Compliance*. See Process Requests from Logistics.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3G8 (Dangerous Goods in the Value Chain)
Technical Object Name	Not applicable
Application Component	`EHS-SUS-DG` (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.4 Safety Data Sheet Management

8.4.4.1 Regulatory Content for Safety Data Sheets

Business Details

With this feature, new and updated content is delivered to your system, a compliance requirement contains data for a specific safety data sheet regulation, and this data is delivered as regulatory content for management and authoring of safety data sheets. More than 20 new compliance requirements and more than 100 updated versions are included.

In total there are more than 100 compliance requirements in the area of safety data sheet authoring, plus over 100 compliance requirements for safety data sheet management and 92 compliance requirements for occupational exposure limits including:

New Compliance Requirements

Compliance Requirement Version	Description
AU Safety Data Sheet (Jun 2023)	Model Code of Practice: Preparation of safety data sheets for hazardous chemicals Valid in: Australia
CH Water Hazard Class (Jan 2019)	Switzerland Water Hazard Class Valid in: Switzerland
DE Water Hazard class (WGK) (Apr 2017)	Germany Water Hazard Class (WGK) Valid in: Germany
EU Chemical Safety Assessment (Jan. 2021)	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Issuing Organization: European Parliament and of the Council Valid in: Andorra, Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Germany, Denmark, Estonia, Spain, Finland, France, United Kingdom (Northern Ireland), Greece, Croatia, Hungary, Ireland, Iceland, Italy, Lithuania, Luxembourg, Latvia, Malta, Netherlands, Norway, Poland, Portugal, Romania, Sweden, Slovenia, Slovakia
EU Endocrine Disruptors: Environment (June 2020)	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Issuing Organization: European Parliament and of the Council Valid in: Andorra, Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Germany, Denmark, Estonia, Spain, Finland, France, United Kingdom (Northern Ireland), Greece, Croatia, Hungary, Ireland, Iceland, Italy, Lithuania, Luxembourg, Latvia, Malta, Netherlands, Norway, Poland, Portugal, Romania, Sweden, Slovenia, Slovakia

Compliance Requirement Version	Description
EU Major-Accident Hazards / Seveso III (Aug 2012)	Directive 2012/18/EU of the European Parliament and of the Council of 4 July 2012 on the control of major-accident hazards involving dangerous substances, amending and subsequently repealing Council Directive 96/82/EC Issuing Organization: European Parliament and of the Council Valid in: Andorra, Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Germany, Denmark, Estonia, Spain, Finland, France, United Kingdom (Northern Ireland), Greece, Croatia, Hungary, Ireland, Iceland, Italy, Lithuania, Luxembourg, Latvia, Malta, Netherlands, Norway, Poland, Portugal, Romania, Sweden, Slovenia, Slovakia
EU PBT vPvB Assessment (Dec 2018)	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Issuing Organization: EU commission Valid in: Andorra, Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Germany, Denmark, Estonia, Spain, Finland, France, United Kingdom (Northern Ireland), Greece, Croatia, Hungary, Ireland, Iceland, Italy, Lithuania, Luxembourg, Latvia, Malta, Netherlands, Norway, Poland, Portugal, Romania, Sweden, Slovenia, Slovakia
EU Pregnant Workers (July 2019)	Council Directive 92/85/EEC of 19 October 1992 on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding Issuing Organization: THE COUNCIL OF THE EUROPEAN COMMUNITIES Valid in: Andorra, Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Germany, Denmark, Estonia, Spain, Finland, France, United Kingdom (Northern Ireland), Greece, Croatia, Hungary, Ireland, Iceland, Italy, Lithuania, Luxembourg, Latvia, Malta, Netherlands, Norway, Poland, Portugal, Romania, Sweden, Slovenia, Slovakia

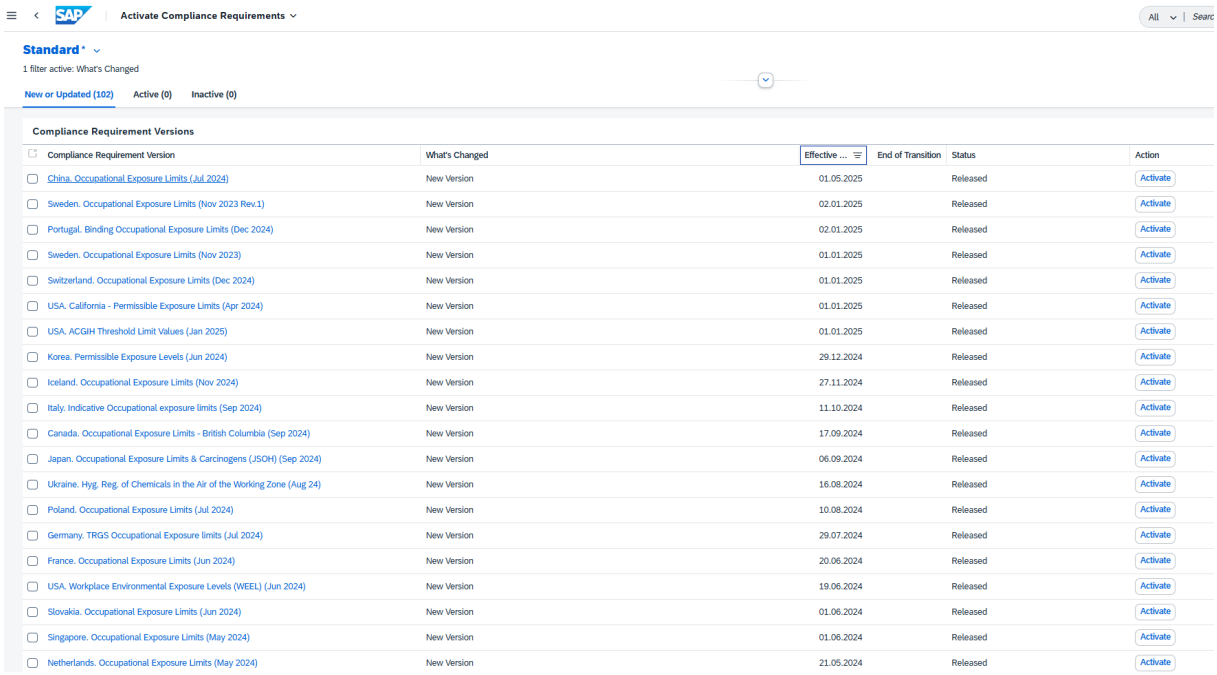
Compliance Requirement Version	Description
EU REACH Registration No (Jan 2021)	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Issuing Organization: European Parliament and of the Council Valid in: Andorra, Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Germany, Denmark, Estonia, Spain, Finland, France, United Kingdom (Northern Ireland), Greece, Croatia, Hungary, Ireland, Iceland, Italy, Lithuania, Luxembourg, Latvia, Malta, Netherlands, Norway, Poland, Portugal, Romania, Sweden, Slovenia, Slovakia
EU Specific Aerosol Labelling (Nov 2016)	Official Name: COUNCIL DIRECTIVE of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) Issuing Organization: European Parliament and Council Valid in: Andorra, Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Germany, Denmark, Estonia, Spain, Finland, France, United Kingdom (Northern Ireland), Greece, Croatia, Hungary, Ireland, Iceland, Italy, Lithuania, Luxembourg, Latvia, Malta, Netherlands, Norway, Poland, Portugal, Romania, Sweden, Slovenia, Slovakia
EU Waste Code (Dec 2014)	Official Name:Commission Decision of 18 December 2014 amending Decision 2000/532/EC on the list of waste pursuant to Directive 2008/98/EC of the European Parliament and of the Council Issuing Organization: European Commission Valid in: Andorra, Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Germany, Denmark, Estonia, Spain, Finland, France, United Kingdom (Northern Ireland), Greece, Croatia, Hungary, Ireland, Iceland, Italy, Lithuania, Luxembourg, Latvia, Malta, Netherlands, Norway, Poland, Portugal, Romania, Sweden, Slovenia, Slovakia

Compliance Requirement Version	Description
EU Young Workers (July 2019)	Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work Issuing Organization: Council of the European Union Valid in: Andorra, Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Germany, Denmark, Estonia, Spain, Finland, France, United Kingdom (Northern Ireland), Greece, Croatia, Hungary, Ireland, Iceland, Italy, Lithuania, Luxembourg, Latvia, Malta, Netherlands, Norway, Poland, Portugal, Romania, Sweden, Slovenia, Slovakia
NL Water Hazard Class (GAM) (Mar 2016)	Netherlands Water Hazard Class (GAM) Valid in: Netherlands
SG Safety Data Sheet (Feb 2023)	Specification for Hazard Communication for Hazardous Chemicals and Dangerous Goods - Part 3 : Preparation of Safety Data Sheets (SDS) Valid in: Singapore
World Disposal Consideration (July 2023)	Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and other Safety Data Sheet regulations globally Issuing Organization: United Nations Valid in: Worldwide
World Handling and Storage (Jul 2023)	Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and other Safety Data Sheet regulations globally Issuing Organization: United Nations Valid in: Worldwide
World Other Hazards (July 2023)	Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and other Safety Data Sheet regulations globally Issuing Organization: United Nations Valid in: Worldwide
World Other Information (July 2023)	Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and other Safety Data Sheet regulations globally Issuing Organization: United Nations Valid in: Worldwide

Compliance Requirement Version	Description
VN Safety Data Sheet (Oct 2022)	Decree No. 82/2022/ND-CP of 18 October 2022 on amendment of and addition to a number of articles of Decree No. 113/2017/ND-CP specifying and guiding the implementation of certain articles of the Law on Chemicals Valid in: Vietnam

Examples of User Interface

> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.



Related Information

You can find more information in the product assistance for *Product Compliance*. See:

- Manage Compliance Requirements - Safety Data Sheets
- Activate Compliance Requirements - Safety Data Sheets
- Manage Compliance Requirements - Occupational Exposure Limits
- Activate Compliance Requirements - Occupational Exposure Limits
- For a complete list of compliance requirements and versions, see SAP Content for Safety Data Sheet Management.

- For a complete list of compliance requirements and versions, see SAP Content for Safety Data Sheet Authoring.
- For a complete list of compliance requirements and versions, see SAP Content for Occupational Exposure Limits.

Technical Details

Typ	Changed
Functional Localization	No localization
Scope Item	3VQ(Safety Data Sheets in the Value Chain) 3VR(Manage Safety Data Sheets for Products)
Technical Object Name	Not applicable
Application Component	EHS-SUS-SDS (*Safety Data Sheet Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.4.2 OData API: GHS Classification Assessment

Business Details

With this feature, you can enable external systems to read or create and release a new version of safety-related properties for unpackaged products, raw materials, and substances using the *GHS Classification Assessment* OData service. With this feature, you can enable external systems to create and release GHS classification assessments of unpackaged products and raw materials, as well as read GHS classification assessments of unpackaged products, raw materials, or substances using the *GHS Classification Assessment* OData service.

The information on the Globally Harmonized System (GHS) of Classification and Labeling of Chemicals is part of a safety data sheet. For example, the classification of a product is used in section 2 of the safety data sheet for the EU, and the classification of its contained hazardous ingredients is used in section 3, if applicable. The requirements are based on the UN Purple Book and differ between countries and regions.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	7DO (Authoring of Product Compliance Documents) 3VR (Manage Safety Data Sheets for Products) 3VQ (Safety Data Sheets in the Value Chain)
Technical Object Name	`GHSClassfctnAssmt`
Application Component	`EHS-SUS-SDS` (*Safety Data Sheet and Label Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

GHS Classification Assessment
GHS Classification Assessment

8.4.4.3 OData API: Label Field Catalog - Read

Business Details

With this feature the Label Field Catalog - Read is enhanced with four new fields. You can use these new fields to improve the completeness of the data that is printed on the label.

This API is available on the SAP Business Accelerator Hub (https://api.sap.com/api/LABELFIELDCATALOG_0001/overview).

Implementation Details

Effects on Existing Data

The Label Field Catalog - Read has been extended with four new fields. These fields are the following:

- *Company Address*: this data is taken from the **Manage Contact Data - Safety Data Sheets** (`F4521`) app.
- *Emergency Phone Number*: this data is taken from the **Manage Contact Data - Safety Data Sheets** (`F4521`) app
- *Ship-to-address*: this data is taken from the corresponding business process.
- *Language Codes*: this data is taken from the **Manage Label Assignments** (`F6615`) app.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	6MT (Label Management)
Technical Object Name	API: `ProdComplianceLabelFieldGroup`
Application Component	`EHS-SUS-SDS` (*Safety Data Sheet Management)*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Label Field Catalog – Read

8.4.4.4 OData API: Storage Class

Business Details

With this feature, you can enable external systems to read an existing version or to create and release a new version of the handling and storage assessment of an unpackaged product or raw material using the *HandlingAndStorageAssessment* OData service.

The handling and storage assessment is the assessment of unpackaged products or raw materials against a compliance requirement version for handling and storage. This information is used in section 7 of a safety data sheet or in other documents.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Chemical Compliance Approval for Purchased Material and Supplier (31G) Assess Marketability of a Product (31H) Assess Dangerous Goods for a Product (3FC) Substance Volume Tracking (4OL) Product Compliance Document Authoring (7DO) Manage Safety Data Sheets for Products (3VR) Request Regulatory Documentation from Service Provider (6AV)
Technical Object Name	`HandlingAndStorageAssessment`
Application Component	`EHS-SUS-SDS` (*Safety Data Sheet Management)*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Handling and Storage Assessment
https://api.sap.com/api/OP_STORAGECLASSASSESSMENT_0001/overview

8.4.4.5 OData API: Handling and Storage

Business Details

With this feature, you can enable external systems to read or create and release a new version of the storage class assessment of an unpackaged product or raw material according to TRGS 510 using the *Storage Class* OData service.

The storage class is the classification of hazardous substances and mixtures intended for storage according to specific hazard indicators. This information is used for additional operations, such as the generation of safety data sheets for unpackaged products.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Chemical Compliance Approval for Purchased Material and Supplier (31G) Assess Marketability of a Product (31H) Assess Dangerous Goods for a Product (3FC) Substance Volume Tracking (4OL) Product Compliance Document Authoring (7DO) Manage Safety Data Sheets for Products (3VR) Request Regulatory Documentation from Service Provider (6AV)
Technical Object Name	`HandlingAndStorageAssessment-`
Application Component	`EHS-SUS-FND-PC` (*Sustainability Foundation for Product Compliance*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Storage Class Assessment
https://api.sap.com/api/OP_HANDLINGANDSTORAGEASSESSMENT_0001/overview

8.4.4.6 Configuration of the Safety Data Sheet Shipment Level

Business Details

With this feature, you can specify the shipment level for safety data sheets to decide how many safety data sheets are generated and shipped. For a safety data sheet shipment request that is initiated by a delivery, the system checks if the recipient has already received the latest safety data sheet for every item. If yes, the shipment is skipped. If not, the missing safety data sheet documents (all languages) are shipped to the safety data sheet recipient.

By specifying the shipment level for safety data sheets in the *Specify Shipment Level for Safety Data Sheets* customizing activity, you decide how many safety data sheets are generated and shipped. The following shipment levels are possible:

- Product-Specific Shipment:
  The sold and delivered product is used as the shipment criteria. This means that for each product on the delivery, a separate safety data sheet shipment is triggered, even if the products are assigned to the same compliance view of an unpackaged product. If the safety data sheet generation is used, the resulting safety data sheet is also product specific, for example with the specific product description.
- One Shipment per Unpackaged Product:
  The compliance view of the unpackaged product is used as shipment criteria. This means that only one safety data sheet shipment is triggered for different products that belong to the same compliance view of an unpackaged product. If the safety data sheet generation is used, the resulting safety data sheet is also not specific for the sold and delivered product, but the information of the product marked as preferred is used instead.

> **Note**
>
> Each safety data sheet shipment that is triggered manually in the *Compliance Information for Products* app results in a separate/dedicated safety data sheet shipment (5 manual shipments = 5 safety data sheet shipments) but the generated safety data sheet is not necessarily product specific as the configured safety data sheet shipment level is taken into account.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	3VR (Manage Safety Data Sheets for Products)
Technical Object Name	Customizing Activity: `EHSDSV_CNF_SHPMT` (Specify Shipment Level for Safety Data Sheets) App ID: `F4309`
Application Component	`EHS-SUS-SDS` (*Safety Data Sheet Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Safety Data Sheet Shipment
Specifying the Safety Data Sheet Shipment Level

8.4.4.7 Indicating that a Safety Data Sheet is Required

Business Details

With this feature, you can indicate that a safety data sheet is required for the product. The indicator controls the behavior of the safety-data-sheet-related product compliance processes and their integration within the value chain.

The indicator to flag that a product requires a safety data sheet can be set in the *Manage Basic Compliance Data - Unpackaged Product* (F2641) app.

The following safety-data-sheet-related product compliance processes are affected by the indicator:

- Safety Data Sheet Check in Value Chain Documents
- Compliance Request for Safety Data Sheets
- Safety Data Sheet Shipment
- Management of Safety Data Sheets

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	3VR (Manage Safety Data Sheets for Products)
Technical Object Name	App ID: `F2641` App ID: `F2647` App ID: `F3226` App ID: `F3204`
Application Component	`EHS-SUS-SDS` (*Safety Data Sheet Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Compliance View
Manage Basic Compliance Data - Unpackaged Products

8.4.4.8 Label Assignments to R&D Samples

Business Details

With this feature, you can assign label configurations to R&D sample products in the *Manage Label Assignments* app.

The new *Create for R&D Sample* button enables you to choose an existing R&D sample created in the *Manage Basic Compliance Data - Unpackaged Product* (`F2641`) app. A new R&D Sample filter has been added to the *Manage Label Assignments* (`F6615`) app to help you filter products that are listed as R&D sample products. You can check if a product is classified as R&D samples via the *R&D Sample* indicator added as an additional table column.

Related Information

You can find more information about the *Manage Label Assignments* app in the product assistance for *Product Compliance*. See Manage Label Assignments.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	6MT (Label Management)
Technical Object Name	App ID: `F6615`
Application Component	`EHS-SUS-SDS` (*Safety Data Sheet Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.4.9 Activate Compliance Requirements for Safety Data Sheets App Extension

Business Details

This feature enables you to view new, updated, and inactive compliance requirement versions in the new *Activate Compliance Requirements -Safety Data Sheets* app, with a change in the app ID from F3439 to F8003. The new app has the same look, feel, and functions as the old one, and no changes are noticeable for the user.

This app enables you to stay current with the latest regulatory changes in *Safety Data Sheet Management*. You can respond to regulatory content updates by activating new compliance requirement versions or confirming updates of existing versions.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3VQ (Safety Data Sheets in the Value Chain) 3VR (Manage Safety Data Sheets for Products)
Technical Object Name	`F8003`
Application Component	`EHS-SUS-SDS` (*Safety Data Sheet Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Activate Compliance Requirements - Safety Data Sheets
Business Background

8.4.4.10 Activate Compliance Requirements for Occupational Exposure Limits App Extension

Business Details

This feature enables you to view new, updated, and inactive compliance requirement versions in the new *Activate Compliance Requirements -Occupational Exposure Limits* app, with a change in the app ID from F3439 to F8004. The new app has the same look, feel, and functions as the old one, and no changes are noticeable for the user.

This app enables you to stay current with the latest regulatory changes for *Occupational Exposure Limits*. You can respond to regulatory content updates by activating new compliance requirement versions or confirming updates of existing versions.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`F8004`
Application Component	`EHS-SUS-SDS` (*Safety Data Sheet Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Activate Compliance Requirements - Occupational Exposure Limits
Business Background

8.4.4.11 Management of Handling and Storage

Business Details

With this feature, you can enter handling and storage data for a raw material or an unpackaged product in the *Manage Handling and Storage* app. You can update the data to ensure that it stays compliant over time. You

can also indicate where the data you've entered can be used, for example, for public use on safety data sheets. When you have provided the handling and storage information, you can release it for further use. Information about handling and storage is required for section 7 of a safety data sheet.

Implementation Details

To use this feature, the following prerequisites must be fulfilled:

- In the *Activate Compliance Requirements - Safety Data Sheets* app, you have activated the *World Handling and Storage* compliance requirement of type *Policy*, which is delivered by SAP. Alternatively, you can activate another compliance requirement of your choice that uses the *Handling and Storage* compliance pattern.
- You have assigned the compliance requirement to a new or existing compliance purpose in the *Manage Compliance Purposes* app and have activated the compliance purpose for further use.
- The compliance purpose, which has been created or maintained in the *Manage Compliance Purposes* app, has been assigned to the relevant unpackaged product or raw material in the *Manage Basic Compliance Data - Unpackaged Products* or *Manage Basic Compliance Data - Raw Material* app, respectively.

Once these prerequisites are fulfilled, you can navigate to the *Manage Handling and Storage* app. To do so, go to *Work View* from the top of the screen in the *Unpackaged Product - Basic Compliance Data* app or the *Raw Material - Basic Compliance Data* app. Alternatively, you can navigate to *View Compliance Assessments* for this unpackaged product or raw material and then to *Safety Data Sheet Assessments* > *Safety-Related Assessments*. Select the entry for the handling and storage assessment. You're navigated to the *Manage Handling and Storage* app, where you can enter the handling and storage data for this product.

Authorizations

To enable users to access this app, their business users need to have one of the following business catalogs assigned:

- Product Compliance - Manage Basic Compliance Data (`SAP_PSS_BC_PC_FND_PMON_PC`)
- Product Compliance - Manage Raw Materials Compliance (`SAP_PSS_BC_PC_FND_RMON_PC`)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Product Compliance Document Authoring
Technical Object Name	App ID: `F7929`
Application Component	`EHS-SUS-SDS` (*Safety Data Sheet Management*)

Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Handling and Storage
Compliance Requirements in Safety Data Sheet and Label Authoring
Safety-Data-Sheet-Related Assessments
Work View
Authoring of Safety Data Sheets by Sections

8.4.4.12 Management of Water Hazard Class

Business Details

With this feature, you can assess products, raw materials and substances according to the applicable water hazard class regulations and manage the compliance assessments.

In Germany, the Netherlands, and Switzerland, substances and mixtures are classified according to their hazard potential to the environment and human health into water hazard classes. Information about water hazard classes is often included in section 15 of a German, Dutch, or Swiss safety data sheet.

With this feature, the following compliance requirement versions for the water hazard class assessments are provided with the SAP regulatory content:

- *CH Water Hazard Class (Jan 2019)*
- *DE Water Hazard Class (WGK) (Apr 2017)*
- *NL Water Hazard Class (GAM (Mar 2016)*

The delivered compliance requirement versions are based on the *Regulatory Data Assessment compliance* pattern.

The assessments that you can carry out according to water hazard class regulations are based on these delivered compliance requirement versions.

To be able to assess your product or raw material according to the applicable water hazard class regulations, you have to activate the compliance requirement versions for a selected legal area using the *Activate Compliance Requirement - Safety Data Sheets* app. After you have activated the compliance requirement versions, you have to create a compliance purpose and assign the applicable compliance requirements to the compliance purpose. To assess your product or raw material, you assign the compliance purpose to the compliance view of your product or raw material. After you have saved the compliance purpose assignment, the system automatically generates a compliance assessment for all compliance requirements that are included in the compliance purpose. The system generates the compliance assessment for the product or raw material of the compliance view and all substances that are included in the legal-area-specific composition that matches the legal area that you have selected when you activated the compliance requirement version. If

no legal area specific composition exists or if the legal areas are not matching, the system uses the analytical composition.

You can find the created assessments by using the following apps:

- *Manage Basic Compliance Data - Unpackaged Products*
- *Manage Basic Compliance Data - Raw Materials*
- *Manage Substances Compliance*

Choosing *View Compliance Assessments* navigates you to the *Manage Compliance Assessments* (F3204) app. On the *Safety Data Sheets Assessment* tab in the *Safety Data Sheet: Related Assessments* section, you can view the water hazard class assessments. When you select a record in the table, you navigate to the *Manage Water Hazard Class* app where you can assess the product, raw material or substance according to the applicable water hazard class regulation. Depending on the compliance requirement version on which your compliance assessment is based, different information can be entered for the water hazard classes.

In addition to the delivered compliance requirement versions, new phrases are provided for the following phrase-enabled fields:

- *Regulatory Data Assessment: Multi Phrase 1*
- *Regulatory Data Assessment: Phrase 1*
- *Regulatory Data Assessment: Phrase 2*
- *Regulatory Data Assessment: Phrase 3*

If you create your own phrase and assign it to one of the phrase-enabled fields using the *Manage Phrase-Enabled Fields* app, you can use this phrase when you assess your product or raw material according to a water hazard class regulation. In addition, if you hide delivered phrases, they are no longer displayed.

Implementation Details

Authorizations

To enable users to access this app, their business users need to have one of the following business catalogs assigned:

- Product Compliance - Manage Basic Compliance Data (`SAP_PSS_BC_PC_FND_PMON_PC`)
- Product Compliance - Manage Raw Materials Compliance (`SAP_PSS_BC_PC_FND_RMON_PC`)
- Product Compliance – Assess Compliance Requirements for Substances (`SAP_PSS_BC_PC_SUB_CRR_MON_PC`)

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	3VR (Manage Safety Data Sheets for Products)

Technical Object Name	App ID: F5756
Application Component	EHS-SUS-SDS (*Safety Data Sheet Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Water Hazard Class

8.4.4.13 Configuration of Compliance Requirements for Safety Data Sheets

Business Details

With this app, you can configure compliance requirement versions that are relevant for safety data sheet management processes. This enables you to adapt the compliance requirements delivered by SAP to your needs without having to define your own compliance requirement versions.

After you have activated a compliance requirement version with *Safety Data Sheet Management* pattern in the *Activate Compliance Requirements - Safety Data Sheets* app, you can link it to a safety data sheet template that is used for the generation of a safety data sheet. It is possible to replace the safety data sheet template for compliance requirement versions delivered by SAP before and after the activation. You can also change the subsequent shipment rule of a safety data sheet management compliance requirement version.

Implementation Details

The *Configure Compliance Requirements - Safety Data Sheets* app is delivered with the standard system.

Authorizations

To change the configuration, you need authorization object EHFND_REQ assigned with maintain activity 23.

Technical Details

Type	New

Functional Localization	Not applicable
Scope Item	3VQ (Safety Data Sheets in the Value Chain) 7DO (Product Compliance Document Authoring)
Technical Object Name	App ID: F8171
Application Component	EHS-SUS-SDS (*Safety Data Sheet Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Configure Compliance Requirements - Safety Data Sheets
Manage Compliance Requirements - Safety Data Sheets
Activate Compliance Requirements - Safety Data Sheets

8.4.4.14 Generation of Product Compliance Documents With Integration Into the Safety Data Sheet Process

Business Details

With this process, you can generate sample safety data sheets that support all 16 sections of an EU safety data sheet (without country/region-specific additions) in the Product Compliance solution using Adobe Document Services (ADS).

To gather all the compliance information, you can use the dedicated work view designed to manage and visualize data that's relevant to the safety data sheet. When you have gathered all the data, you have the possibility to inform interested parties through business events that data is ready for SDS calculation.

In the *Manage Safety Data Sheets* app, you can choose *Generate* to generate a base safety data sheet for all required languages of a safety data sheet assessment. This generation process is run by ADS. When a goods issue is posted, a final safety data sheet is automatically generated and sent off. Alternatively, you can manually ship a final safety data sheet in the *Compliance Information - For Products* app.

The generated safety data sheets are integrated into the safety data sheet management and shipment processes. You can also upload and ship additional documents, such as the SDS annex.

In SAP S/4HANA, Adobe LiveCycle Designer (LD) and Adobe Document Services (ADS) are the only supported services for layouting and generating safety data sheet documents. The basic layout for the safety data sheet

is provided in a starter template. If you want to adapt this final safety data sheet, SAP delivers two Business Add-Ins (BAdIs) that enable you to adapt the determination of data and how it is mapped to form templates:

- *Adaption of Content for Product Compliance Documents* (`BADI_EHFND_DATA_PRVDR_ADAPTION`) enables you to determine data that is used to generate product-compliance-related documents.
- *Adaption of Data Mapping for Safety Data Sheet Generation* (`BADI_EHSDS_GEN_DATA_STRUCTURE`) enables you to map safety-data-sheet-related data into a format that is required to generate a safety data sheet document.

> ⚠ Restriction
>
> It is currently only possible to generate the sections of a safety data sheet for EU countries. If you want to generate further data, use the two BAdIs to gather and map the required data.
>
> If you want to generate a safety data sheet for other EU countries/regions, you have to link the corresponding template to the compliance requirement version and manually create the missing phrases.
>
> If you want to generate a safety data sheet for countries/regions outside the EU, you have to create a new template, collect and map the data accordingly, and link the template to the compliance requirement version.

Implementation Details

Authorizations

To be able to generate safety data sheet documents, you need EDIT authorization for the corresponding compliance assessment. This includes the following authorization objects:

- Compliance view `EHFND_CCI` and compliance requirement `EHFND_CRR`
- Document activities `C_DRAW_TCD` with `DOKAR` = *SBS*, *SBG* and `ACTVT` = *Display*, *Change*, *Create*, *Delete*
- Application log `S_APPL_LOG` with `ALG_OBJECT` = *EHSDS_SDS_BASE_GEN* and `ACTVT` = *Display*

Configuration

You have to link the template to a compliance requirement version in the *Activate Compliance Requirements - Safety Data Sheets* app.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	7DO (Product Compliance Document Authoring)

Technical Object Name	App ID: `F3972` App ID: `F5480` BAdI: `BADI_EHFND_DATA_PRVDR_ADAPTION` BAdI: `BADI_EHSDS_GEN_DATA_STRUCTURE`
Application Component	`EHS-SUS-SDS` (*Safety Data Sheet Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Authoring of Safety Data Sheets by Sections
Manage Safety Data Sheets
BAdI: Adaption of Content for Product Compliance Documents
BAdI: Adaption of Data Mapping for Safety Data Sheet Generation

8.4.4.15 Filtering of Safety Data Sheet Shipment Statuses

Business Details

With this feature, you can now use the *My Views* dropdown to choose one of the predefined views for the table instead of having separate tabs for each shipment status: *Standard* shows all shipments, *Completed* shows only completed shipments, *Failed* shows only failed shipments. Each status has a descriptor for more information.

Safety data sheet shipments with a status other than *Completed* and *Failed* were previously not displayed in the *Monitor Shipments - Safety Data Sheets* app and could therefore not be found by the user.

With the new *Standard* view, in the *My Views* dropdown, you can see all shipments. Alternatively, you can filter specifically for completed or failed shipments, for example, to resolve issues with the safety data sheet shipments.

Technical Details

Type	Changed
Functional Localization	Not applicable

Scope Item	3VR (Manage Safety Data Sheets for Products)
Technical Object Name	App ID: F4309
Application Component	EHS-SUS-SDS (*Safety Data Sheet Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Monitor Shipments – Safety Data Sheets
Shipment Status

8.4.4.16 Copying of Safety Data Sheets from Released into In-Progress Compliance Assessments

Business Details

With this feature, you can copy safety data sheets from a released compliance assessment for safety data sheets to an in-progress version of the assessment.

Previously, when you saved a compliance assessment in the *Manage Safety Data Sheets* app, the system automatically released your compliance assessment. The saved data was immediately used in follow-on processes such as checks in business documents within the value chain and for shipments of safety data sheets. With this feature, you can save your entries without the system releasing them. Your data is saved in an in-progress version and you have to release your assessment manually so that the data can be used in follow-on processes.

When you create an in-progress version of a compliance assessment, the system does not automatically take over the safety data sheets from the previous version. With this feature, you can copy safety data sheets, such as version information and safety data sheet documents from the released version, into the newly created in-progress version. The feature copies the safety data sheets with the existing version number. You can however, change the version number, if needed. You can also upload new safety data sheets.

Implementation Details

Effects on Existing Data

Existing compliance assessments for safety data sheets are not affected by the new feature. Only newly created assessments have to be released manually.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	3VR (Manage Safety Data Sheets for Products)
Technical Object Name	App ID: F3972
Application Component	EHS-SUS-SDS (*Safety Data Sheet Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Safety Data Sheets

8.4.4.17 Processing of Requests from Logistics for Safety Data Sheet Issues

Business Details

In documents within the value chain, such as purchase orders, sales orders, outbound deliveries, and freight orders, a safety data sheet check is carried out. If the check detects any issues, compliance requests are triggered. With this feature, you can process compliance requests for safety data sheet issues using the *Process Requests from Logistics* app.

If a product is sold, produced, or transported in a specific country/region, it has to be compliant with the regulation in this country/region. In *Product Compliance*, you can assess if a product requires a safety data sheet for a specific country/region and, if a safety data sheet it required, you can upload safety data sheet documents in all required languages. If a product that is marked as compliance relevant in the product master is added to a business document within the value chain, a safety data sheet check is carried out to check if a safety data sheet is required and, if so, if it's available in all required languages. If the check detects any issues, a compliance request is created, triggered by the business process in which the issues occurred. The compliance request is sent to *Product Compliance* and can be processed by opening the *Process Requests from Logistics* app using the *Process Requests from Logistics - For Safety Data Sheets* tile.

With this feature, the *Process Requests from Logistics* (F3342) app has been changed to support you in processing safety data sheet issues within this app using the flexible column layout. Depending on the type of issue addressed in the compliance request, a new column opens with details about the issue. From this new column, you an view the required steps that you have to carry to solve the issue. For example, if applicable regulations for a country/region are missing, you can navigate to the *Apply Regulations - Safety Data Sheets*

app to specify these regulations. If not all required safety data sheet assessments are released for a product, you can navigate to the *Manage Safety Data Sheets* app to finalize and release the missing assessments.

Implementation Details

Authorizations

To enable users to access the *Process Requests from Logistics* app by the tile with the request responsibility *Safety Data Sheet Management*, their business users need to have the `SAP_PSS_BC_PRDCT_CMPL_MGMT` (Product Compliance - Product Compliance Management) business catalog assigned.

Related Information

You can find more information about the app in the product assistance for *Product Compliance*. See Process Requests from Logistics.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	3VR (Manage Safety Data Sheets for Products)
Technical Object Name	App ID: `F3342`
Application Component	`EHS-SUS-SDS` (*Safety Data Sheet Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.4.4.18 Regulatory Data Assessments

Business Details

This feature enhances the safety data sheet generation with several regulatory data assessments that belong to the *Regulatory Data Assessment* compliance pattern. All of assessments are grouped in the *Manage Regulatory Data* app (F7081).

This includes the following compliance requirements:

- Volatile Organic Compounds (`EU-VOC Directive 2010/75/EU` and `EU-VOC Decopaint 2004/42/EU`)
- Persistent, Bioaccumulative, and Toxic, and Very Persistent, Bioaccumulative and Toxic Substances (`EU-PBT vPvB Assessment`)
- Endocrine Disruptors (`EU-Endoc. Disruptors: Environ.` and `EU-Endoc. Disruptors: Health`)
- Major Accident Hazards (`EU-Major-Accident Hazards`)
- REACH Registration Number (`EU-REACH Registration No`)
- Young Workers Information (`EU-Young Workers`)
- Pregnant Workers Information (`EU-Pregnant Workers`)
- Other Hazards (`World-Other Hazards`)
- Chemical Safety Assessments (`EU-Chemical Safety Assessment`)
- Battery Attributes (`World-DG Battery Attributes`)
- Waste Disposal Information (`World-Disposal Considerations`)
- Other Information (`World-Other Information (SDS)`)

The requirements on the safety data sheets and labels often differ between countries. Therefore, there are different country-specific compliance requirements for the assessments. This feature currently only supports compliance with EU regulations.

If no information about the given topic is to be displayed on a safety data sheet, you can provide a reason for the missing information. This reason is included in the safety data sheet of the product as a justification for the missing information.

Implementation Details

Effects on Existing Data

You can find the new compliance requirement versions in the *Activate Compliance Requirements - Safety Data Sheets* (F8003) app. In this app, you must activate the new compliance requirement versions before you can use them in your business processes.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3VR (Manage Safety Data Sheets for Products) 7DO (Product Compliance Document Authoring)
Technical Object Name	App ID: `F7081`

Application Component	EHS-SUS-SDS (*Safety Data Sheet Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Regulatory Data

8.4.4.19 Management of Aerosol Labeling

Business Details

With this feature, you can now manage aerosol labeling data for unpackaged products and raw materials in the *Manage Regulatory Data* (F7081) app variant for aerosol labeling. Here, you can enter and edit the data required for use on safety data sheets and labels. This data includes the flammable content of aerosols and additional operational instructions.

This feature introduces a new compliance requirement for *Aerosol Labeling*, which is based on the *Regulatory Data Assessment* compliance pattern. Unlike the water hazard class and Korean SDS number, aerosol labeling does not have its own app. Instead, it is integrated as a dedicated variant within the *Manage Regulatory Data* app, which serves as the technical basis for several compliance requirements that are based on this pattern. This change reflects the new structure for regulatory data assessments.

Implementation Details

Effects on Existing Data

You can find the new compliance requirement version in the *Activate Compliance Requirements - Safety Data Sheets* (F8003) app. In this app, you must activate the new compliance requirement version before you can use it in your business processes.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	3VR (Manage Safety Data Sheets for Products) 7DO (Product Compliance Document Authoring)
Technical Object Name	App ID: `F7081`
Application Component	**EHS-SUS-SDS** (*Safety Data Sheet Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Regulatory Data
Manage Aerosol Labeling

8.5 Product Lifecycle Management

8.5.1 Product Change Management

8.5.1.1 Renaming of Customizing Activities for Change Records

Business Details

The Customizing structure for change records has been reordered, some Customizing activities have been renamed for more clarity.

Implementation Details

Customizing

The Customizing structure for *Change Records* has been reordered. You can now find the most relevant settings under *Logistics – General* > *Product Lifecycle Management* > *Change Records* > *Settings for Change Records*. The Customizing activities under *Process Routes*, *Impact Management*, and *Business Add-Ins (BAdIs)* are also relevant for change records. In *Settings for Change Records*, the Customizing node *User Statuses* has been renamed to *Define User Statuses*. The Customizing activity *Define User Statuses* has been

renamed to *Create User Statuses*. The Customizing activity *Define User Status Actions* has been renamed to *Create User Statuses Actions*.

Follow the system documentation or field help to perform the necessary customization.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

8.5.1.2 New and Enhanced CDS Views for Change Master and Change Record

Business Details

A number of new CDS views are available for change record. Several views for change master and change record were enabled for data extraction and can be used in the context of data products.

The following CDS views are now available for change record and can provide data extraction for SAP Business Data Cloud data products:

- `I_ChgRecordItemRelevanceDEX`
- `C_ChangeRecordItemExtDEX_2`
- `C_ChgRecHdrExtensionDEX_2`
- `C_ChgRecResponsibleDEX_2`
- `I_ChangeRecordPriorityDEX`
- `C_ChangeRecordTextDEX_2`
- `I_ChgRecdPrioDescTxtDEX`
- `I_ChgRecdLfcycStatusTxtDEX`
- `I_ChangeRecordTypeDEX`
- `I_ChangeRecordTypeTextDEX`
- `I_ChgRecordProcessRouteDEX`

The following CDS views were enabled for data extraction and can provide data extraction for SAP Business Data Cloud data products:

- `C_ChangeMasterDEX`
- `C_ChangeRecordDEX`
- `C_ChangeRecordItemDEX`
- `I_ChgRecordItemRelevanceText`
- `I_ChgRecordLifecycleStatus`
- `I_ChgRecordUserStatus`
- `I_ChgRecordUserStatusText`

For change master, the new CDS view `C_ChangeMstrObjMgmtRecordDEX` was created. The following existing CDS views were enhanced for data extraction and can provide data extraction for SAP Business Data Cloud data products:

- `I_ChangeMstrObjectMgmtRecord`
- `I_ChangeMasterStatus`
- `I_ChangeMasterStatusText`

Implementation Details

For detailed information, see Change Record and Change Number.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	• `I_ChgRecordItemRelevanceDEX` • `C_ChangeRecordItemExtDEX_2` • `C_ChgRecHdrExtensionDEX_2` • `C_ChgRecResponsibleDEX_2` • `I_ChangeRecordPriorityDEX` • `C_ChangeRecordTextDEX_2` • `I_ChgRecdPrioDescTxtDEX` • `I_ChgRecdLfcycStatusTxtDEX` • `I_ChangeRecordTypeDEX` • `I_ChangeRecordTypeTextDEX` • `I_ChgRecordProcessRouteDEX` • I_ChgRecordItemRelevanceText • I_ChgRecordLifecycleStatus • I_ChgRecordUserStatus • I_ChgRecordUserStatusText `C_ChangeMstrObjMgmtRecordDEX` • `I_ChangeMstrObjectMgmtRecord` • `I_ChangeMasterStatus` • `I_ChangeMasterStatusText`
Application Component	`PLM-CR` (*Change Record*) and `PLM-WUI-OBJ-ECN` (Change Master)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

CDS Views for Engineering Change Management

8.5.1.3 New Report for Change Record Data Correction

Business Details

A new report `/PLMI/CR_BIT_CORRECTION` is available. You can use this report to correct change record BOM item data after a system upgrade.

Implementation Details

It is mandatory to run this report after an upgrade to the 2025 FPS00 release. The purpose of this report is to avoid BOM item duplicates in the *Manage Change Records* app due to incomplete keys.

Effects on Existing Data

This report updates the database table `/IAM/D_I_OBJ_REF` for Change Record BOM items:

For BOM items where the `INTERNAL_ID1` = `M` , this ID is set to `Empty` so that component data can be stored correctly.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`/PLMI/CR_BIT_CORRECTION`
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

8.5.1.4 OData API: Change Record Possible Item Relevance (Version 1)

The OData V4 API *Change Record Possible Item Relevance*, technical name `API_CHANGERECORDITEMRELEVANCE` (Version 1), has been deprecated for performance reasons, and a successor API version has been released. We recommend that you switch to the following successor API as soon as possible: *Change Record Possible Item Relevance* (Version 2), technical name: `API_CHANGERECORDITEMRELEVANCE_V2`.

Technical name: `API_CHANGERECORDITEMRELEVANCE` (Version 1.0.0)

This service is published on the SAP Business Accelerator Hub. For more information about APIs, see APIs on SAP Business Accelerator Hub.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_CHGRECORDITEMRELEVANCE`
Preparation Required	No
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Additional Information

Change Record

Related Information

Change Record - Possible Item Relevance (Version 1 - Deprecated)

8.5.1.5 OData API: Change Record Possible Item Relevance (Version 2)

The OData V4 API *Change Record Possible Item Relevance* (Version 2), technical name `API_CHANGERECORDITEMRELEVANCE_V2`, is a new version. Its predecessor *Change Record Possible Item Relevance* (Version 1), technical name: `API_CHANGERECORDITEMRELEVANCE`), has been deprecated for performance reasons. We recommend that you switch to the new version 2 of the API as soon as possible:

Technical name: `API_CHANGERECORDITEMRELEVANCE_V2` (Version 2.0.0)

You can now read particular change record types and filter for item relevances by language. This version includes the following enhanced entities:

- `A_ChangeRecordItemRelevance_2` (Change Record Possible Item Relevance)
  - `ChangeRecordType` (Issue Type)
  - `ChangeRecordItemRelevance` (Change Record Item Relevance)

    - `ChangeRecordReferenceType` (Object Type)
- `A_ChgRecordItemRelevanceText` (Change Record Item Relevance Text)
    - `ChangeRecordItemRelevance` (Change Record Item Relevance)
    - `Language` (Language Key)
    - `ChangeRecordItemRelevanceDesc` (Change Record Item Relevance Description)

This service is published on the SAP Business Accelerator Hub. For more information about APIs, see APIs on SAP Business Accelerator Hub.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_CHGRECORDITEMRELEVANCE_2`
Preparation Required	No
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Additional Information

Change Record

Related Information

Change Record - Possible Item Relevance (Version 2)

8.5.1.6 OData API Change Record History: Version Number Change

Business Details

The version number of the OData V4 API `API_CHANGERECORDHISTORY` has changed to `1.0.1`. The functionality of the API has not changed.

This API enables you to read the change record history information in the system. It is based on the v4 OData protocol and can be consumed by apps and other user interfaces.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_CHANGERECORDHISTORY`
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Change Record - History

8.5.1.7 Process Route BAdI Extended with New Import Parameter for Leading Objects

Business Details

The *BAdI: Create Process Route Background Services* was extended to include data about the leading (parent) object that will be changed by a sub-workflow. This helps identify the leading business object that is impacted by the sub-workflow.

The enhancement provides parent object data in BAdI implementations. You can use this data in cases where the background task is part of a sub-workflow for a dedicated change request (CR) reference object. In the

My Inbox app, where tasks and their assignments to users are listed, the parent objects are displayed as links under the tasks on the *Related Objects* tab. You can use these links to navigate to the change record and the reference object details. This enhancement enables work items in a sub-workflow to accurately point to the object that requires modification, rather than providing this context information only in text via the workflow item title.

Implementation Details

Customizing

You can find the *BAdI: Create Process Route Background Services* in Customizing under *Logistics – General* > *Product Lifecycle Management (PLM)* > *Change Records* > *Business Add-Ins (BAdIs)*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`/PLMI/EX_PR_BACKGROU`
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

App Extensibility: Manage Change Records (Expert)

8.5.1.8 Embedded Change Record Functions In My Inbox App

Business Details

The functions of the *Manage Change Records* app are now directly embedded into the *My Inbox* app.

This can be useful, for example, if users want to run the digital signature process for change records directly from their inbox without the need to move to the *Manage Change Records* app.

Implementation Details

If you want to disable this function, refer to the steps outlined in 3562791.

Effects on Existing Data

Users can access functions of the *Manage Change Records* app directly from their *My Inbox* app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	not applicable
Technical Object Name	App ID: `F0862`
Application Component	`PLM-CR` (*Change Record*) `CA-INB-FIO` (*SAP Fiori: My inbox*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Embedded Change Record Functions In My Inbox

8.5.1.9 New and Enhanced CDS Views for Bill Of Material Management

Business Details

A number of new CDS views are available for bill of material management. Several views were enabled for data extraction and can be used in the context of data products.

The following CDS views are now available and can provide data extraction for SAP Business Data Cloud data products:

- `I_BOMVersionStatusDEX`
- `I_MatBillOfMaterialHeaderDEX`
- `I_MatlBillOfMaterialItemDEX`
- `I_MaterialBOMSubitemDEX`
- `I_MaterialBOMLinkDEX_2`
- `I_SalesOrderBOMHeaderDEX`
- `I_SalesOrderBOMItemDEX`
- `I_SalesOrderBOMSubitemDEX`
- `I_SalesOrderBOMLinkDEX_2`
- `I_WBSBillOfMaterialHeaderDEX`
- `I_WBSBillOfMaterialItemDEX`
- `I_ProjectBOMSubitemDEX`
- `I_WBSBillOfMaterialLinkDE`

The following CDS views were enabled for data extraction and can provide data extraction for SAP Business Data Cloud data products:

- `I_BOMGroupDEX`
- `I_BOMGroupLinksDEX`
- `I_VersionStatusText`
- `I_BillOfMaterialStatus`
- `I_BillOfMaterialStatusText`
- `I_BillOfMaterialItemCategory`
- `I_BomItemCategoryText`
- `I_BOMVariantUsage`

Implementation Details

For detailed information, see CDS Views for Bills of Material.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	• I_BOMVersionStatusDEX • I_MatBillOfMaterialHeaderDEX • I_MatlBillOfMaterialItemDEX • I_MaterialBOMSubitemDEX • I_MaterialBOMLinkDEX_2 • I_SalesOrderBOMHeaderDEX • I_SalesOrderBOMItemDEX • I_SalesOrderBOMSubitemDEX • I_SalesOrderBOMLinkDEX_2 • I_VersionStatusText • I_BillOfMaterialStatus • I_BillOfMaterialStatusText • I_BillOfMaterialItemCategory • I_BomItemCategoryText • I_BOMVariantUsage
Application Component	LO-MD-BOM (*Bills of Material*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

CDS Views for Bills of Material

8.6 Upload Packaging Composition Items from Handling Units

Business Details

A new report is available that allows to upload tertiary packaging data from handling units (from outbound deliveries) to enrich existing packaging compositions in SAP Responsible Design and Production. The R_SURDP_UPH_PCKG_CMP_HU_LOAD report requires an implementation of the PC_HU upload entity and BADI_SURDP_UPH_CUSTOM. An example implementation is provided.

The packaging composition item interface is used to enrich packaging compositions. For background information, see Replication of Packaging Composition Items.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`R_SURDP_UPH_PCKG_CMP_HU_LOAD`
Application Component	`SUS-RDP-INT` (*Sustainability Integration*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

8.7 Packaging Data Extraction from BOM and PLM

Business Details

New examples for packaging data extraction from Bills of Material and Product Lifecyle Management are provided. They are part of the `INTEGRATION_SUS_RDP_EXMPL_RPLC` package. The new examples match the Packaging Data Replication API version 2 that includes information about main and subordinate packaging elements, separability, and coverage. Using the new extractors requires an update of the packaging data to the new structure. Classes `CL_SURDP_UPH_PCKCOMP_BOMSC_EXP` and `CL_SURDP_UPH_PCKCOMP_PLMSC_EXP` are introduced.

`CL_SURDP_UPH_PCKCOMP_BOM_EXMPL` and `CL_SURDP_UPH_PCKCOMP_PLM_EXMPL` can still be used but are deprecated.

When you migrate to the new classes, update the path prefix of the destination to the V2 API. See Configuring Authentication and RFC Destination.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable

Technical Object Name	`CL_SURDP_UPH_PCKCOMP_BOMSC_EXP` `CL_SURDP_UPH_PCKCOMP_PLMSC_EXP`
Application Component	`SUS-RDP-INT` (*Sustainability Integration*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

9 Sales

9.1 Order and Contract Management

9.1.1 Price Management

9.1.1.1 OData API: Condition Record for Pricing in Sales

Business Details

In the *Condition Record for Pricing in Sales* OData API, the *Condition Record Validity* entity, which corresponds to the validity of condition records for pricing that are used in Sales, now contains additional properties.

The following properties are added:

Field	Description	Necessity for Create Operations	Necessity for Retrieval Operations	Necessity for Update Operations	Necessity for Delete Operations
`ProductHierarchyNode1`	The first level in the product hierarchy is used in the condition record.	Optional	Optional	Optional	Not Applicable
`ProductHierarchyNode2`	The second level in the product hierarchy is used in the condition record.	Optional	Optional	Optional	Not Applicable
`ProductHierarchyNode3`	The third level in the product hierarchy is used in the condition record.	Optional	Optional	Optional	Not Applicable
`ProductHierarchyNode4`	The fourth level in the product hierarchy is used in the condition record.	Optional	Optional	Optional	Not Applicable
`ProductHierarchyNode5`	The fifth level in the product hierarchy is used in the condition record.	Optional	Optional	Optional	Not Applicable
`ProductHierarchyNode6`	The sixth level in the product hierarchy is used in the condition record.	Optional	Optional	Optional	Not Applicable

Field	Description	Necessity for Create Operations	Necessity for Retrieval Operations	Necessity for Update Operations	Necessity for Delete Operations
`ProductHierarchyNode7`	The seventh level in the product hierarchy is used in the condition record.	Optional	Optional	Optional	Not Applicable
`ProductHierarchyNode8`	The eighth level in the product hierarchy is used in the condition record.	Optional	Optional	Optional	Not Applicable
`ProductHierarchyNode9`	The ninth level in the product hierarchy is used in the condition record.	Optional	Optional	Optional	Not Applicable
`BillToParty`	The number that uniquely identifies the bill-to party is used in the condition record.	Optional	Optional	Optional	Not Applicable
`ShippingPoint`	The physical location (such as a warehouse or a collection of loading ramps) from which you ship the item is used in the condition record.	Optional	Optional	Optional	Not Applicable
`MaterialCommissionGroup`	The commission group to which the material is assigned is used in the condition record.	Optional	Optional	Optional	Not Applicable

This API is available on the SAP Business Accelerator Hub (https://api.sap.com/).

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	BD9 (Sell from Stock)
Technical Object Name	API: `API_SLSPRICINGCONDITIONRECORD_SRV`

Application Component	SD-BF-PR (*Pricing and Conditions*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Condition Record Validity

9.1.1.2 SOAP API: Condition Record for Pricing in Sales - Replicate

Business Details

In the *Condition Record for Pricing in Sales - Replicate* SOAP API, the `ConditionValidity` subnode field in the `SalesPricingConditionRecord` node, which corresponds to the validity of condition records for pricing used in Sales, now contains additional properties.

The following fields are added:

Field	Description	Cardinality
`ProductHierarchyNode1`	The first level in the product hierarchy is used in the condition record.	0..1
`ProductHierarchyNode2`	The second level in the product hierarchy is used in the condition record.	0..1
`ProductHierarchyNode3`	The third level in the product hierarchy is used in the condition record.	0..1
`ProductHierarchyNode4`	The fourth level in the product hierarchy is used in the condition record.	0..1
`ProductHierarchyNode5`	The fifth level in the product hierarchy is used in the condition record.	0..1
`ProductHierarchyNode6`	The sixth level in the product hierarchy is used in the condition record.	0..1
`ProductHierarchyNode7`	The seventh level in the product hierarchy is used in the condition record.	0..1
`ProductHierarchyNode8`	The eighth level in the product hierarchy is used in the condition record.	0..1
`ProductHierarchyNode9`	The ninth level in the product hierarchy is used in the condition record.	0..1

Field	Description	Cardinality
`BillToParty`	The number that uniquely identifies the bill-to party is used in the condition record.	0..1
`ShippingPoint`	The physical location (such as a warehouse or a collection of loading ramps) from which you ship the item is used in the condition record.	0..1
`MaterialCommissionGroup`	The commission group to which the material is assigned is used in the condition record.	0..1

This API is available on the SAP Business Accelerator Hub (https://api.sap.com/).

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	BD9 (Sell from Stock)
Technical Object Name	API: `CO_SDCM_ESR_SALES_PRICING_COND_SPRX`
Application Component	`SD-BF-PR` (*Pricing and Conditions*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

ConditionValidity

9.1.2 Sales Contract Management

9.1.2.1 Global Trade Management

9.1.2.1.1 New Output Management for Global Trade Management

Business Details

This feature enables you to create trading contract output for customer and supplier using SAP S/4HANA output control. You can decide at trading contract type level whether you want to continue using the message determination for trading contracts (NAST) framework or the new SAP S/4HANA output control or both. NAST is still the default output setting.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`LO-GT` (*Global Trade*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Output Management for Global Trade Management

9.1.2.1.2 CDS Views for Global Trade Management

Business Details

New CDS views have been released for *Global Trade Management*.

The following CDS views are now available:

Technical Name	Description	Purpose
C_TrdgContrCustEDP	Email Data Provider for Trading Contract Customer	This CDS view provides information for confirmation emails to the customer.
C_TrdgContrSupplierEDP	Email Data Provider for Trading Contract Supplier	This CDS view provides information for confirmation emails to the supplier.
C_TrdgContrCustFDP	FDP for Customer for Trading Contract Header	This CDS view contains information for order confirmations.
C_TrdgContrSuplrFDP	FDP for Supplier for Trading Contract Header	This CDS view contains information for purchase orders.
C_TrdgContrOutpMgmtParamDetn	Parameter Determination in Output Management for Trading Contract	This CDS view provides output parameter determination for trading contract customers.
C_TrdgContrSuplrOutpMgmtParam	Parameter Determination in Output Management for Trading Contract Supplier	This CDS view provides output parameter determination for trading contract suppliers.
C_TrdgContrPurgGrpCrteVH	Purchasing Group for Creation of Trading Contract (Value Help)	This CDS view provides value help for PurchasingGroup.
C_TrdgContrPurgOrgCrteVH	Purchasing Organization for Creation of Trading Contract (Value Help)	This CDS view provides value help for PurchasingOrganization.
C_TrdgContrSlsDistrChnlCrteVH	Distribution Channel for Creation of Trading Contract (Value Help)	This CDS view provides value help for DistributionChannel.
C_TrdgContrSlsDivnCrteVH	Division for Creation of Trading Contract (Value Help)	This CDS view provides value help for Division.
C_TrdgContrSlsOrgCrteVH	Sales Organization for Creation of Trading Contract (Value Help)	This CDS view provides value help for SalesOrganization.
C_TrdgContrTypeCreateVH	Trading Contract Type for Creation of Trading Contract (Value Help)	This CDS view provides value help for TradingContractType.
I_TrdgContrUserVH	Created By (Value Help)	This CDS view provides value help for UserID.
I_TrdgDocExecWrkbnTypeVH	Trading Execution Workbench Type (Value Help)	This CDS view provides value help for TrdgDocExecWrkbnType.

Implementation Details

Authorizations

Depending on the CDS view, you must have the following authorization objects assigned.

Technical Name	Description	Authorization Objects
C_TrdgContrCustEDP	Email Data Provider for Trading Contract Customer	• V_KNA1_BRG (Customer: Account Authorization for Sales Areas) • W_WBHK_ORG (Trading Contract: Authorization for Organizational Data) • W_WBHK_TCT (Trading Contract: Authorization for Trading Contract Type)
C_TrdgContrCustFDP	FDP for Customer for Trading Contract Header	
C_TrdgContrSupplierEDP	Email Data Provider for Trading Contract Supplier	• F_LFA1_BEK (Vendor: Account Authorization) • W_WBHK_ORG (Trading Contract: Authorization for Organizational Data) • W_WBHK_TCT (Trading Contract: Authorization for Trading Contract Type)
C_TrdgContrSuplrFDP	FDP for Supplier for Trading Contract Header	
C_TrdgContrOutpMgmtParamDetn	Parameter Determination in Output Management for Trading Contract	• F_LFA1_BEK (Vendor: Account Authorization) • V_KNA1_BRG (Customer: Account Authorization for Sales Areas) • W_WBHK_ORG (Trading Contract: Authorization for Organizational Data) • W_WBHK_TCT (Trading Contract: Authorization for Trading Contract Type)
C_TrdgContrSuplrOutpMgmtParam	Parameter Determination in Output Management for Trading Contract Supplier	
I_TrdgContrUserVH	Created By (Value Help)	
C_TrdgContrPurgGrpCrteVH	Purchasing Group for Creation of Trading Contract (Value Help)	• W_WBHK_ORG (Trading Contract: Authorization for Organizational Data)
C_TrdgContrPurgOrgCrteVH	Purchasing Organization for Creation of Trading Contract (Value Help)	
C_TrdgContrSlsDistrChnlCrteVH	Distribution Channel for Creation of Trading Contract (Value Help)	
C_TrdgContrSlsDivnCrteVH	Division for Creation of Trading Contract (Value Help)	
C_TrdgContrSlsOrgCrteVH	Sales Organization for Creation of Trading Contract (Value Help)	

Technical Name	Description	Authorization Objects
`C_TrdgContrTypeCreateVH`	Trading Contract Type for Creation of Trading Contract (Value Help)	• `W_WBHK_TCT` (Trading Contract: Authorization for Trading Contract Type)
`I_TrdgDocExecWrkbnTypeVH`	Trading Execution Workbench Type (Value Help)	Users who want to use this CDS view don't need any special authorization.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	See the table above
Application Component	`LO-GT` (*Global Trade*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

CDS Views for Sales
Virtual Data Model and CDS Views in SAP S/4HANA
View Browser

9.1.2.1.3 Percentage-Based Expense Conditions for Trading Expenses

Business Details

This feature enables you to customize the calculation of your percentage-based expense conditions. You can customize how the basis of the expense conditions is calculated and define a fallback strategy for the case that the calculated basis is 0.

Implementation Details

To use this new feature, you must make the corresponding settings for your system in Customizing.

Customizing

You must make the corresponding settings in Customizing for *Global Trade Management* under *Expenses* > *Expenses in the Supplier Billing Document* > *Expense Types*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Customizing Activity: `W_WB2B_0G27`
Application Component	`LO-GT-TE` (*Expenses*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Trading Expenses

9.1.2.1.4 Manage Trading Contracts

Business Details

In this app your user parameters are now used to prefilter your search results when opening the app and to prefill your trading contract creation popup. The following Global Trade Management parameters are newly available in your default values settings: *Contract Type*, *TEW Type*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F6649`
Application Component	`LO-GT-TC` (*Trading Contract*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Trading Contracts
Maintaining Your Default User Values

9.1.3 Sales Order Management and Processing

9.1.3.1 Create Sales Orders - Automatic Extraction

Business Details

The *Create Sales Orders - Automatic Extraction* app now supports the following fields:

- Customer reference date, sales office, sales group (in sales order request header)
- Purchase order item, customer material (in sales order request items)

In addition, the Business Add-In (BAdI) (SD_SOR_AUTO_XTRCTN_MODIFY) for this app has been enhanced.

New Fields Added

The following table shows the SAP-predelivered proposal rules for these fields:

Field	Proposed Through...	Remarks
Customer reference date	Direct copy from the extracted purchase order date	You can do the following: • Edit the fields

Field	Proposed Through...	Remarks
Purchase order item	Direct copy from the extracted item number	• Sort and filter the sales order request list by customer reference date, and the sales order request item list by purchase order item • Use the customer reference date as an additional filter by adapting the filter bar
Customer material	Direct copy from the extracted customer material or extracted product **Note** Generally, the system proposes the extracted customer material as customer material. However, the data extraction service may occasionally mix up the extracted product and extracted customer material. In such cases, the system treats the extracted product as customer material data and proposes the extracted product as customer material.	In the *Creation Sales Orders - Automatic Extraction* app, the customer material field is only visible in simulated items and not editable. If the system can propose a customer material for a sales order request item (based on extracted data or through BAdI), this field shows the proposed value after a successful simulated creation. Otherwise, this field may be empty, or take a value derived from the customer material master for the product of this item.
Sales office, sales group	N/A The system cannot propose the sales office or sales group based on extracted data because the data extraction service does not support these fields.	By default, the sales group and sales office are not visible in the *Creation Sales Orders - Automatic Extraction* app. You can make them visible in the header data of sales order requests by adapting the UI on the SAP Fiori launchpad (see Adapting the UI). After the fields are made visible on the UI, you can edit these fields in the app.

BAdI

As a key user, you can implement custom logic for the `SD_SOR_AUTO_XTRCTN_MODIFY` BAdI to modify sales order request data. The BAdI has been enhanced as follows:

- The BAdI has been renamed from *Custom Proposal for Sales Order Request Fields* to *Modification of Sales Order Request Data*.
- The BAdI now allows you to create and delete sales order request items. Previously, you can only use the BAdI to modify changeable sales order request fields.

Implementation Details

You can implement custom logic for the BAdI using the *Custom Logic* app. For information about how to create custom rules for modifying sales order request data, check the example implementations in the *Custom Logic* app.

> **Note**
>
> Before creating your custom logic, you may need to evaluate the proposal rules predelivered by SAP. For details, see SAP-Predelivered Proposal Rules for Sales Order Request Fields.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4X9 (Create Sales Orders from Unstructured Data)
Technical Object Name	App ID: `F4920` BAdI: `SD_SOR_AUTO_XTRCTN_MODIFY`
Application Component	`SD-SLS-IMP-DOX` (*Sales Document Creation Based on Unstructured Data*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Create Sales Orders - Automatic Extraction
App Extensibility: Modification of Sales Order Request Data (BAdI)
Custom Logic

9.1.3.2 Payment by Link in Sales Orders

Business Details

The payment by link functionality allows customers to pay electronically using a payment link or QR code generated within sales orders. After creating a sales order, go to the *Electronic Payments* tab, select the *Generate Payment Link* checkbox, choose the output, and issue the output. The customer can then complete the payment using the generated QR code or payment link. To ensure that payment is completed before further processing, the system automatically applies a delivery block of type payment block to the sales order. This delivery block prevents the creation of delivery documents until payment is completed.

After completing the payment, run the `SD_UPDATE_PBL_BLOCK` report manually or schedule it as a background job for automatic processing to remove the delivery block. This report updates the sales order

with payment details and removes the delivery block. You can then create subsequent documents, such as delivery documents. After you complete the payment, you cannot edit the *Generate Payment Link* checkbox.

Implementation Details

Implement the Business Add-In (BAdI) `PAYMENT_BY_LINK_CREATION_CB` to enable payment by link in sales orders.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1Z1 (Digital Payments – Sales)
Technical Object Name	Not applicable
Application Component	`SD-SLS-SO` (*Sales Order*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Payment by Link in Sales Orders

9.1.3.3 Sales Order (A2X, OData V4)

Business Details

With this API for sales orders, you can create, read, and update sales orders in external systems. In addition, you can delete single entities (such as items) in sales orders. This API is based on the Open Data Protocol (OData) version 4 (V4) protocol. Compared to the *Sales Order (A2X, OData V2)* API that has been available for several years, this API offers improved processing times and new features.

In comparison with the *Sales Order (A2X, OData V2)* API, this API offers, for example, the following benefits:

- You can choose whether you want to process your requests in a synchronous or asynchronous mode. For more information, see Asynchronous Processing.

- For Create and Update requests, you can choose whether you want a full response containing all entities and their properties or whether you want a minimal response containing only the key of the created entity. The latter improves performance. For more information, see Response Processing.
- Responses for `deep insert` Create requests include all subentities, not only the header entity.
- You can filter subentities. For example, you can send a request based on all sales orders in the system that returns all items with a specific product. For more information, see Read Requests.
- It's based on the ABAP RESTful Application Programming Model (RAP) ensuring a future-proof and stable architecture that is consistent across objects. You will find the same logic in the business object interface `I_SALESORDERTP` or in the Manage Sales Orders - Version 2 app.
- It supports features that the *Sales Order (A2X, OData V2)* cannot support for technical reasons. You can, for example, read the complete pricing details (including subtotals).

With this API, you can create, read, and update sales orders. You can create, read, update, and delete the following entities: header partner, header pricing element, header text, item partner, item pricing element, and item text. You can also read schedule lines in sales order items.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	BD9 (Sell from Stock)
Technical Object Name	API: `API_SalesOrder`
Application Component	`SD-SLS-API` (*SD API Interface*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Sales Order (A2X, OData V4)

9.1.3.4 Payment Processing with Direct Capture

Business Details

The SAP digital payments add-on supports direct payment scenarios where payments are initiated directly at the payment service provider (PSP).

This enhancement facilitates payment processing by enabling the capture of payment transactions directly through an external PSP (direct capture).

To support this scenario during sales order creation through an API request, the following two fields are required:

- `PaymentGuaranteeProcedure` - Specifies how the payment is secured. It is mandatory in the sales order for scenarios involving payment with direct capture.
  You do not always need to provide this field explicitly in the API request:
  - If the customer data includes a default payment guarantee procedure, the system automatically determines and populates the field during sales order creation.
  - If the field is not automatically determined, you must explicitly pass it in the API payload to ensure successful creation of the sales order.
- `DigitalPaymentTransID` - A mandatory, unique 44-character identifier links external transactions with sales orders and billing documents. This enables real-time payment capture.

If direct capture cannot capture the total sales values, a delivery block of type payment block will be applied, preventing delivery creation. To remove the delivery block, go to the *Electronic Payments* tab, select the *Generate Payment Link* checkbox, choose the output, and issue the output. Complete the payment using the generated QR code or payment link.

You must have implemented the Business Add-In (BAdI) `PAYMENT_BY_LINK_CREATION_CB` to enable payment by link in sales order. For more information, see Payment by Link in Sales Orders.

After completing the payment, run the `SD_UPDATE_PBL_BLOCK` report manually or schedule it as a background job for automatic processing to remove the delivery block. This report updates the sales order with payment details and removes the delivery block. You can then create subsequent documents, such as delivery documents.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1Z6 (External Billing)
Technical Object Name	Not applicable
Application Component	`SD-BIL-IV-PC` (*SD Billing - Payment Cards*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

OData and SOAP API: Payment Processing with Direct Capture [page 846]

9.1.3.5 OData and SOAP API: Payment Processing with Direct Capture

Business Details

The OData API *Sales Order (A2X, OData V2)*, along with the SOAP APIs *Sales Order (A2A)* and *Billing Document Request - Create*, now contain additional properties. These enhancements support direct payment scenarios where payments are initiated directly at the payment service provider (PSP).

The *Sales Order (A2A)* SOAP API now contains additional fields. The following additional fields have been added:

Node	Field	Description	Cardinality
`SalesOrder` (sales order header)	`PaymentGuaranteeProcedure`	Payment card serve as a payment guarantee procedure.	• For payment with direct capture: It's mandatory in the sales order and must be provided in the API request only if the system doesn't automatically determine it. • For payment with authorization: It's optional.
`PaymentPlanItem` (payment plan item)	`DigitalPaymentTransID`	The digital payment transaction ID enables the capture of payment transactions directly through an external payment service provider (PSP).	• For payment with direct capture: It's mandatory. • For payment with authorization: It's optional.

The *Billing Document Request - Create* SOAP API now contains an additional field. The additional field is:

Node	Field	Description	Cardinality
`PaymentCard`	`DigitalPaymentTransID`	The digital payment transaction ID enables the capture of payment transactions directly through an external PSP.	• For payment with direct capture: It's mandatory. • For payment with authorization: It's optional.

The *Sales Order (A2X, OData V2)* OData API now contains additional properties. The following additional properties have been added:

Entity	Property	Description	Necessity
`A_SalesOrder` (sales order header)	`PaymentGuaranteeProcedure`	Payment card serve as a payment guarantee procedure.	• For payment with direct capture: It's mandatory in the sales order and must be provided in the API request only if the system doesn't automatically determine it. • For payment with authorization: It's optional.
`A_SlsOrdPaymentPlanItemDetails` (header payment plan)	`DigitalPaymentTransID`	The digital payment transaction ID enables the capture of payment transactions directly through an external PSP.	• For payment with direct capture: It's mandatory. • For payment with authorization: It's optional.

These APIs are available on the SAP Business Accelerator Hub (https://api.sap.com/).

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	BD9 (Sell from Stock) 1Z6 (External Billing)
Technical Object Name	API: `SalesOrderBulkRequest_In` API: `BDR_REQUEST_IN` API: `API_SALES_ORDER_SRV`
Application Component	`SD-SLS-API` (*SD-SLS-API*) `SD-BIL` (*Billing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

SalesOrder
PaymentPlanItem
Billing Document Request - Create
Sales Order Header
Header Payment Plan

9.1.3.6 Import Sales Orders: Create Sales Documents with and Without Reference

Business Details

With this feature, you can create sales orders with reference to sales quotations or sales contracts by importing data of preceding documents in the *Import Sales Orders* app. The referenced data can be header data, item data, or both.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	BD9 (Sell from Stock) and others
Technical Object Name	App ID: F4293
Application Component	`SD-SLS-IMP-SPR` (*Sales Document Import from Spreadsheet*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Import Sales Orders

9.1.3.7 Additional Email Recipients for Sales and Billing Documents

Business Details

With this feature, you can now add additional email recipients for sales and billing documents using custom logic.

Implementation Details

Customizing

The Business Add-In (BAdI) *Addition of Email Recipients* (`APOC_ADD_EMAIL_RECIPIENTS`) has been enabled for sales and billing output.You can enable the sending of output to multiple email recipients by implementing custom logic for this BAdI in the *Custom Logic* app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1LQ (Output Management)
Technical Object Name	BAdI: `APOC_ADD_EMAIL_RECIPIENTS`
Application Component	`CA-GTF-OC` (*SAP S/4HANA Output Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

How to Add Additional Email Recipients for Sales Documents Using Custom Logic
How to Add Additional Email Recipients for Billing Documents by Using Custom Logic

9.1.3.8 Manage Sales Orders Version 2: Document Preview

Business Details

With this feature, you can display a document preview based on the current configuration for the selected output type in the *Manage Sales Orders Version 2* app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F3893
Application Component	SD-BF-OC (*Output Determination*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Functional Details: Manage Sales Orders - Version 2

9.1.4 Sales Billing

9.1.4.1 Proforma Invoice Delivery Check in Decentralized EWM

Business Details

This feature ensures that proforma invoices are created only after confirming that the outbound delivery data is updated with the latest warehouse information from the decentralized Extended Warehouse Management (EWM) system. This validation guarantees accurate and compliant proforma invoice creation.

If the system detects that decentralized EWM activities aren't completed for the delivery, meaning the data isn't up to date, it blocks invoice creation and displays an error message. By implementing this check, the

feature ensures that proforma invoices are generated only when the decentralized EWM status at the header level is confirmed. This minimizes errors and ensures data integrity.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`SD-BIL` (*Billing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

SAP GTS Integration in Decentralized EWM and TM

9.1.4.2 Manage Billing Documents: Document Preview

Business Details

With this feature, you can display a document preview based on the current configuration for the selected output type in the *Manage Billing Documents* app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID: F0797
Application Component	SD-BF-OC (*Output Determination*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Billing Documents

9.1.5 Claims, Returns, and Refund Management

9.1.5.1 Refurbishment Using Maintenance Order as Follow-Up Activity

Business Details

A maintenance order is created for returned products to initiate the refurbishment process. The maintenance order is configured as a refurbishment order.

The system can optionally post the goods movement to the storage location for refurbishment and the goods issue for the maintenance order.

Implementation Details

Customizing

In the configuration activity *Specify Settings for Maintenance Order as Follow-Up Activity*, you specify whether a goods movement is posted to the storage location for refurbishment and whether the system considers valuation for the returned products.

In the configuration activity *Specify Plant Settings for Maintenance Order*, you specify whether the goods issue is posted for the maintenance order. If you do not select the goods movement checkbox in the configuration activity *Specify Settings for Maintenance Order as Follow-Up Activity*, the system ignores the post goods issue.

Additionally, you can specify the default storage location for refurbishment in the configuration activity *Specify Storage Locations for Follow-Up Activities*.

You can adapt the data of automatically created documents such as maintenance order, goods movement, and goods issue by using the corresponding methods of the Business Add-In (BAdI) MSR_LFE.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	BKP (Customer Returns)
Technical Object Name	Not applicable
Application Component	`LO-ARM` (*Advanced Returns Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Logistical Follow-Up Activities

9.1.5.2 Refurbishment Using Production Order as Follow-Up Activity

Business Details

A production order is created for returned products to initiate the refurbishment process. The production version specified for the production order must be a specific version that indicates refurbishment.

The system can optionally post the goods movement to the storage location for refurbishment and the goods issue for the production order.

Implementation Details

Customizing

In the configuration activity *Specify Settings for Production Order as Follow-Up Activity*, you specify whether a goods movement is posted to the storage location for refurbishment and whether the system considers valuation for the returned products.

In the configuration activity *Specify Plant Settings for Production Order*, you specify whether the goods issue is posted for the production order. If you do not select the goods movement checkbox in the configuration activity *Specify Settings for Production Order as Follow-Up Activity*, the system ignores the post goods issue.

Additionally, you can specify the default storage location for refurbishment in the configuration activity *Specify Storage Locations for Follow-Up Activities*.

You can adapt the data of automatically created documents such as production order, goods movement, and goods issue by using the corresponding methods of the Business Add-In (BAdI) `MSR_LFE`.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	BKP (Customer Returns)
Technical Object Name	Not applicable
Application Component	`LO-ARM` (*Advanced Returns Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Logistical Follow-Up Activities

9.1.5.3 Determine No Refund for Logistical Follow-Up Activity Receive into Plant

Business Details

With this feature, you have the option not to refund the customer when you select the logistical follow-up activity *Receive into Plant* (`0001`) in the returns order if you already know that a refund is not relevant. If you change your mind later and decide to compensate the customer with either money or a replacement, you can still create a credit memo request or a delivery free-of-charge with reference to the relevant returns order item in the *Manage Credit Memo Requests* app or in the *Manage Sales Orders Without Charge* app respectively.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	BKP (Customer Returns)
Technical Object Name	Not applicable
Application Component	`LO-ARM` (*Advanced Returns Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Customer Compensation
Logistical Follow-Up Activities

9.1.5.4 Quality Notification as a Follow-Up Document

Business Details

When saving a returns order, you can create a quality notification in quality management to trigger a parallel quality management process. The necessary settings for output management using output determination (SD-BF-OC) to create the quality notifications are already maintained.

You can select the *QM Notification* from a dropdown with the following options:

- *Collective Notification*: Assigns multiple returns order items to a single quality notification
- *Single Notification*: Generates a separate quality notification for each returns order item

You can implement the Business Add-In (BAdI) `BADI_SD_MSR_QM_NOTI` to change the item and partner data of the quality notification created as a follow-up document for the customer returns transaction.

In the *Returns Overview for Customer Returns* screen, the quality notification appears as a related document.

Implementation Details

Customizing

To activate the quality notification for a returns order, set the quality notification to active in Customizing. Navigate to *Sales and Distribution* > *Sales* > *Advanced Returns Management* > *Activate Advanced Returns Management for Returns Order Types*. Then, assign a document type for a quality notification representing a customer complaint to the relevant returns order types in Customizing under *Sales and Distribution* > *Sales* > *Advanced Returns Management* > *Follow-Up Documents* > *Specify Settings for Quality Notification as a Follow-Up Document*.

You need to maintain the condition record for the returns order type using transaction `NACE` in application `V1` (*Sales*).

You need assign output determination procedure in Customizing under *Sales and Distribution* > *Basic Functions* > *Output Determination* > *Output Determination Using the Condition Technique* > *Maintain Output Determination for Sales Documents* > *Assign Output Determination Procedures*.

You can access the BAdI in Customizing under *Sales and Distribution* > *Sales* > *Advanced Returns Management* > *Business Add-Ins (BAdIs)* > *BAdI: Change Data for Follow-Up Document Quality Notification*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	BKP (Customer Returns)
Technical Object Name	Not applicable
Application Component	`LO-ARM` (*Advanced Returns Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Business Add-Ins (BAdIs) for Customer Returns

9.1.5.5 Valuating Returns Based On Preceding Sales Process

Business Details

This feature enables you to valuate the returned product by referencing the preceding sales process.

If a product is insufficient in stock, the sales order triggers a purchase process or production process. Sometimes, the actual price of a purchase order or production order may differ from the stock price, whether standard price or moving average price. In this case, the sales cost calculation in the goods issue uses the actual price instead of the stock price. This functionality also applies to the sell-from-stock process.

Valuation takes place when the system posts a goods receipt into valuated stock, or posts a goods movement for valuation. By default, the system uses the valuation price from the product master record to valuate products in customer returns. However, this default setting does not fit all returns scenarios. Sometimes, the valuation of the returned products needs to refer to the price used in the preceding sales process. This ensures that the resulting journal entries reflect the actual product value and cost reversal.

To meet this requirement, you can now indicate in a returns order item that the valuation of the returned product in a customer return should refer to the preceding sales process. This determines that the system uses the price from the preceding sales process to valuate the returned product, instead of the valuation price determined from the product master record at the time of the return. Valuating returns based on the preceding sales process reflects the legal requirements in some countries and regions.

Note the following dependencies when you set this indicator:

- This indicator is not available in the Fiori apps such as *Manage Customer Returns* app and the *Manage Customer Returns - Version 2* app. However, you can find this indicator in the *Create Sales Document* app in SAP GUI.
- The indicator is enabled only when you create a returns order item with reference to a preceding document, such as an invoice.
- The indicator is only available in returns order items. You don't have the option to make this setting in any subsequent document of the returns order, such as the inspection.
- A goods issue must be posted for the preceding sales order.

Implementation Details

Customizing

Before you can see and use this indicator in the returns order items, your configuration expert must have activated the corresponding feature *Valuation with Reference to Sales* in the configuration activity *Configure Returns Order Type for Standard Return*.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	BKP (Customer Returns)
Technical Object Name	App ID: `VA01`
Application Component	`LO-ARM` (*Advanced Returns Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

9.1.5.6 Automatic Inspection After Goods Receipt in Customer Returns

Business Details

Product inspection is a mandatory step in the standard process of customer returns. You must examine the product and enter the inspection result before the subsequent logistic steps can be processed. With this feature, you can enter the inspection result when you create a returns order and before the product is returned. If you already know the inspection result before you receive the product and don't want to go through another inspection after it has been returned, you can ask the system to automatically create and complete the inspection using the inspection data and the next follow-up activity you provide when you create the returns order. As a result, after you receive the product, the system completes the inspection and triggers the specified subsequent logistic steps automatically.

In a standard customer return, you must enter the inspection result after the returned product arrives at your warehouse to determine the subsequent logistic steps. However, there may be cases in which the product has already been inspected before it is returned, and before you create a returns order. For example, earlier inspections are performed at the customer site and you already know the inspection result before the product is returned. To avoid having to repeat the inspection after receiving the product, you can indicate in the returns order item that you want the system to automatically create and complete the inspection document for the product. This inspection document is created based on the inspection data you provide when you create the returns order item. As a result, after you receive the product, the system completes the inspection and confirms the final logistical follow-up activity specified in the inspection automatically. Previously, you couldn't enter the inspection data in the returns order without confirming that you had received the product.

Automatic inspection is only allowed if the returns order item is specified as follows:

- Logistical follow-up activity is `0001` (*Receive into Plant*).
- The product is not marked as received.

For the system to complete the inspection automatically after the product is received, you must enter the following inspection and logistic data required for the inspection document in the returns order item:

- Inspection code
- Next logistical follow-up activity
- Inspection comment (optional)

Implementation Details

Customizing

As a prerequisite, the configuration expert must first activate automatic inspection in the configuration activity *Configure Returns Order Type for Standard Return* to enable the feature in returns orders.

If the feature is active in your system, a checkbox that indicates whether to perform automatic inspection can be found in the returns order item. This indicator is not available in the Fiori apps such as *Manage Customer Returns* app and the *Manage Customer Returns - Version 2* app. However, you can find this indicator in the *Create Sales Document* app in SAP GUI.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	BKP (Customer Returns)
Technical Object Name	Not applicable
Application Component	`LO-ARM` (*Advanced Returns Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

9.1.5.7 Customer Returns for Material with Variant Configuration

Business Details

This feature enables you to process the return of configurable materials that use advanced variant configuration (AVC) ordered by a customer.

Variant configuration is used for the manufacturing of complex products with many variants (for example, cars, where customers can choose from long lists of options and possible combinations).

For returning the materials with variant configuration, you can do the following:

- You can create a returns order from scratch or with a reference.
  - When creating a returns order from scratch, you can enter the configurable material you want to return and assign the characteristic values.
  - When creating a returns order with reference to a sales order, the configurable material data is copied from the corresponding sales order item and cannot be changed.
  - When creating a returns order with reference to an invoice, the configurable material data is copied from the sales order item referenced by the invoice item and cannot be changed.
- You can calculate prices based on the selected characteristics of the configurable material.
- You can generate returns order output containing the variant configuration data.
- You can view the variant configuration data for the configurable material by displaying the returns order on the customer return object page.

Also note the following:

- Currently, you can enter the configurable material in returns orders only by using the classic apps for customer returns, such as the *Create Customer Return Without Reference - VA01* app. This is because other customer return apps currently do not display the configurable materials in the returns orders.
- For configurable materials, only single materials that have no subitems for components are supported in customer returns. Sales kits (or bills of materials) using variant configuration are not supported.
- Product replacement is not possible for configurable materials. If a refund is needed, you can only offer monetary refund to the customer.
- After the returned configurable materials are moved into the free available stock using the following logistical follow-up activities, it is not possible to access their variant configuration data for inventory management via the customer returns.
  - *Immediately Move to Free Available Stock* (`0002`)
  - *Transfer to Free Available Stock* (`0011`)
- Also, the following logistical follow-up activities do not work for the return of configurable materials.
  - *Ship to Supplier* (`0005`)
  - *In-House Service* (`0026`)
  - *Continue In-House Service* (`0027`)

Implementation Details

To return configurable materials, first activate the scope item 7KW (Customer Returns for Material with Variant Configuration).

Technical Details

Type	Changed

Functional Localization	Localized for Germany and United States
Scope Item	7KW (Customer Returns for Material with Variant Configuration)
Technical Object Name	App ID: `VA01`
Application Component	`LO-ARM` (*Advanced Returns Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Advanced Variant Configuration
Returns Order

9.1.6 Special Business Processes in Order and Contract Management

9.1.6.1 Deletion of Items in Advanced Intercompany Sales and Sell from Stock with Valuated Stock in Transit

Business Details

With this feature, you can delete items from a standard sales order (2) in Advanced Intercompany Sales and Sell from Stock with Valuated Stock in Transit as long as the delivery has not yet been created.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5D2 (Advanced Intercompany Sales), 5MQ (Sell from Stock with Valuated Stock in Transit)
Technical Object Name	n/a

Application Component	SD-SLS (*Sales*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Advanced Intercompany Sales
Sell from Stock with Valuated Stock in Transit

9.1.6.2 Suppress Intercompany Supplier Invoice Creation in Advanced Intercompany Sales

Business Details

You can suppress the automatic creation of intercompany supplier invoice during the intercompany billing process in advanced intercompany sales. To do this, use the Business Add-In (BAdI) `BADI_SDBIL_CTRL_SIIC_CREATION`. This BAdI is called during the creation of intercompany customer invoice within the value chain monitoring framework. It allows you to suppress the creation of intercompany supplier invoice using the data from intercompany customer invoice obtained from the billing document.

Implementation Details

Customizing

You can access the BAdI `BADI_SDBIL_CTRL_SIIC_CREATION` in Customizing under:

- *Sales and Distribution* > *Sales* > *Sales Documents* > *Integration with Value Chain Monitoring* > *BAdI: Suppress Intco. Supplier Invc. Creation in Adv. Intco. Sales*
- *Sales and Distribution* > *Billing* > *Business Add-Ins (BAdIs)* > *BAdI: Suppress Intco. Supplier Invc. Creation in Adv. Intco. Sales*

Technical Details

Type	New

Functional Localization	Not applicable
Scope Item	5D2 (Advanced Intercompany Sales)
Technical Object Name	Not applicable
Application Component	SD-SLS (*Sales*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Prerequisites for Advanced Intercompany Sales

9.1.7 Basic Functions

9.1.7.1 First Come First Served: Deactivate Schedule Line Split

Business Details

With this feature, you can deactivate the schedule line split when using the first come first served priorities during the Advanced Available-to-Promise (aATP) check.

Implementation Details

Customizing

If you want to use the first come first served priorities, but do not want the schedule lines to be split, select the *No Split* indicator in Customizing under *Advanced Available-to-Promise (aATP)* > *Configuration Activities for Specific Document Types* > *Sales Documents and Deliveries* > *Activate First Come First Served for Sales Documents* >.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	Not applicable
Application Component	CA-ATP (*Available-to-Promise (ATP)*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Activate First Come First Served for Sales Documents

9.1.7.2 First Come First Served in Sales Bills of Materials (Sales BOMs)

Business Details

With this feature, first come first served (FCFS) priority handling is used for sales BOMs.

This means that the main item follows the standard FCFS rules for a preponement or postponement of the requested delivery date. The subitems of the sales BOM inherit the same priority as the main item.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	Not applicable

Application Component	CA-ATP (*Available-to-Promise (ATP)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

First Come First Served (FCFS) in Sales Documents

9.2 Solution Business Management

9.2.1 Solution Quotation Management

9.2.1.1 Partial Acceptance of Solution Quotations

Business Details

You can now accept a solution quotation partially if at least one item in the quotation is in *Released* status. When you choose the *Partial Accept* button on a solution quotation, a pop-up is displayed showing all items in *Released* status along with their available quantities for acceptance. You can adjust the quantities as needed. A follow-up transaction is created with the accepted quantity. Partial acceptance can be performed multiple times until all items in the quotation are fully accepted.

Implementation Details

Customizing

To use this feature set the *Multiple References* field to *Yes* under Customizing ▶ *Service* ▶ *Transactions* ▶ *Basic Settings* ▶ *Define Item Categories* ▶ for all relevant item categories.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	4Q5 (Solution Quotation)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SOL-SQ` (*S4CRM: Solution Quotation Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Accepting Solution Quotations

9.2.1.2 Integration of Sales Contracts in Solution Quotations

Business Details

You can now add sales contract items to a solution quotation. Upon acceptance of a solution quotation, sales contract items automatically trigger the creation of a sales contract. Sales contracts represent long-term agreements with customers for the provision of goods or services. Sales contract items can also be used as part of product bundles.

There are two types of sales contracts:

- *Value Contract*: A contract with a specified target value. The customer can receive materials and services up to the agreed value within a defined period.
- *Quantity Contract*: A contract with a specified target quantity. The customer can receive materials and services up to the agreed quantity within a defined period.

Implementation Details

Customizing

To use this feature you can use item categories *SRQC*(sales contract item) and *SRVC*(value contract item) under the Customizing *Service* > *Transactions* > *Basic Settings* > *Define Item Categories*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4Q5 (Solution Quotation)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SOL-SQ` (*S4CRM: Solution Quotation Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Solution Quotation Management
Sales Contracts in Solution Quotations

9.2.1.3 Integration of Tool items in Solution Quotation

Business Details

You can now use tool items in a solution quotation. Tool items can also be a part of product bundles used in solution quotation

Implementation Details

Customizing

To use this feature you can use item categories *SRQT* (service quotation tool item) under the Customizing *Service* > *Transactions* > *Basic settings* > *Define Item Categories* .

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4Q5 (Solution Quotation)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SOL-SQ` (*S4CRM: Solution Quotation Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Solution Quotation Management

9.2.1.4 Solution Quotation Progress View Enhancement

Business Details

You can now use the *Progress View* button in a solution quotation to navigate directly to the progress monitor in the *Manage Solution Quotations - Version 2* app. This feature enhances transparency and allows users to easily track the status and progression of their solution quotations, supporting better management and follow-up of related documents.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4Q5 (Solution Quotation)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SOL-SQ` (*S4CRM: Solution Quotation Management*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Solution Quotation Management

9.2.1.5 Enhancements to Plant and Storage Locations in Solution Quotations

Business Details

The plant and storage location can now be automatically determined and displayed when the service transaction item is entered. You can also manually change the plant and storage location in the items assignment block. If you manually change the plant and then want to change it back to the original value you can use the *Redetermine Plant/Location* button.

Implementation Details

Customizing

The plant and storage location can be copied to the follow-up transactions such as sales order, service order, service contract, etc. In other cases, the plant and storage location can be redetermined from Customizing under *Service* > *Transactions* > *Basic Settings* > *Copying Control for Business Transactions* > *Define Copying Control for Item Categories*. The Customizing activity *Define Copying Control for Item Categories* has the following options:

- Copy from Preceding Transaction
  Here, the plant and storage location is copied from the preceding transaction
- Copy Manual Value and Redetermine Automatic Value
  Here, a manually changed plant or storage location will be copied and the others will be redetermined.
- Redetermine All Values
  Here, the plant and storage location is redetermined when the transaction is copied or created as a follow-up

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4Q5 (Solution Quotation)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SOL-SQ` (*S4CRM: Solution Quotation Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Plant and Storage Location

9.2.1.6 OData API: Solution Quotation (A2X)

Business Details

Solution quotation API is now enhanced so that you can now maintain the qualifications for service related items. New entities `A_BUSSOLNQTANQUALIFICATION` and `A_BUSSOLNQTANITEMQUALIFICATION` are created to capture the qualifications for the solution quotations at header and service item levels respectively.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4Q5 (Solution Quotation)
Technical Object Name	API: `API_BUS_SOLUTION_QUOTATION_SRV`
Application Component	`CRM-S4-SOL-SQ` (*S4CRM: Solution Quotation Management*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Solution Quotation (A2X)

9.2.2 Solution Portfolio Management

9.2.2.1 Enhanced Business Solution Portfolios with Subscription Contracts

Business Details

Business solution portfolios now include subscription contracts, providing a comprehensive overview of all customer agreements. This enhancement allows for better management and tracking of customer solutions, ensuring all aspects of the business relationship are documented and easily accessible.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F4099`
Application Component	`CRM-S4-SOL-BSP` (*S4CRM: Solution Portfolio Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Solution Portfolio Management

9.2.3 SAP Business Role Solution Business Specialist

Business Details

The new business role **Solution Business Specialist** (`SAP_BR_SOLN_BUSINESS_SPCLST`) provides access to key applications available within Solution Business Management. Below is the list of apps that can be accessed using this role:

- *Manage Solution Quotations*
- *Manage Solution Quotations - Version 2*
- *Manage Business Solution Portfolios*

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	4Q5 (Solution Quotation)
Technical Object Name	App ID: `F7671` App ID: `F4099`
Application Component	`CRM-S4-SOL-SQ` (*S4CRM: Solution Quotation Management*) `CRM-S4-SOL-BSP` (*S4CRM: Solution Portfolio Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

SAP Business Roles
Managing Launchpad Spaces and Pages

9.3 Country/Region Specifics

For country/region-specific changes, please see What's New for Functional Localizations in SAP S/4HANA.

10 Service

10.1 Service Master Data & Agreement Management

10.1.1 Service Contract Management

10.1.1.1 Situation Template: Trade Compliance Check Blocked/Pending

Business Details

You can use this situation template to notify your service managers automatically about the service contract items that are blocked by a trade compliance check or for which trade compliance checks are pending.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	426 (Service Contract Management)
Technical Object Name	App ID: `F3763`
Application Component	`CRM-S4-SRV-CTR` (*Service Contract and Quotation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Service Contract GTS Blocked/Pending

10.1.1.2 Mass Change of Service Contracts

Business Details

You can now request the system to process large volumes of service contracts and service contract items at a time and monitor the corresponding mass processing jobs. You do all this by using the following apps:

- *Mass Change of Service Contracts*
- *Monitor Mass-Processed Service Transactions*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	426 (Service Contract Management)

Technical Object Name	App ID:
	`F8680`
	`F7644`

Application Component	`CRM-S4-SRV-MC` (*Mass Change of Service Transactions*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Mass Change of Service Contracts
Monitor Mass-Processed Service Transactions

10.1.1.3 Billing Plan Template in Service Contracts

Business Details

You can now define and use billing plan templates for service contract ad hoc items. This feature enables you to create a billing plan template and define billing plan template lines in advance, reducing effort when creating billing request lines (BRLs). The data from each template line corresponds to a BRL. When creating an ad hoc

billing plan, you can choose *Create from Template* on the *Billing Plan* tab, select a template, and the data is automatically copied, adding BRLs to the billing plan.

Implementation Details

Customizing

You can use this feature by creating the billing plan templates under Customizing *Service* > *Transactions* > *Basic Settings* > *Billing Plan* > *Create Billing Plan Templates*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	426 (Service Contract Management)
Technical Object Name	App ID: `F3763`
Application Component	`CRM-S4-SRV-CTR` (*Service Contract and Quotation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Billing Plan Templates for Ad Hoc Billing Plans in Service Contracts

10.1.1.4 Enhanced Cancellation Confirmation for Service Contracts

Business Details

You can now alert service managers when canceling a service contract or individual service contract items with active transactions scheduled for future dates.

The new field, *Life Cycle Status*, under *Released Order List*, checks for any open follow-up documents. This feature introduces a confirmation step when canceling service contracts. It ensures users are aware of any incomplete connected documents before proceeding. This enhancement prevents accidental cancellations and allows users to make informed decisions. It improves contract management efficiency.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	426 (Service Contract Management)
Technical Object Name	App ID: `F3763`
Application Component	`CRM-S4-SRV-CTR` (*Service Contract and Quotation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Cancellation

10.1.1.5 Service Contract Billing Value Validation Enhancement

Business Details

The validation feature ensures that the sum of billing request line (BRL) values matches the item net value in service contracts, triggering an error or warning if discrepancies occur. This enhancement helps maintain accurate billing percentages, ensuring consistency and preventing errors in ad hoc billing scenarios.

Implementation Details

Customizing

You can enable the feature by configuring the *Message Type* in the *Individual reporting* for an *Application area* under Customizing *Service* > *Transactions* > *Basic Settings* > *Define Attributes for System Messages*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	426 (Service Contract Management)
Technical Object Name	App ID: `F3763`
Application Component	`CRM-S4-SRV-CTR` (*Service Contract and Quotation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Ad Hoc Billing for Service Contracts

10.1.1.6 Copy from Template Feature for Service Contract Items

Business Details

You can now use the *Copy from Template* button to select pre-existing service contract item templates, which automatically populates item fields such as *Item No.*, *Higher-Level Item*, *Product ID*, *Product*, *Quantity*, *Unit*, *Item Category*, *Service Profile*, and *Response Profile*, enhancing efficiency and accuracy in contract creation.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	426 (Service Contract Management)
Technical Object Name	App ID: `F3763`
Application Component	`CRM-S4-SRV-CTR` (*Service Contract and Quotation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Service Contract Item

10.1.1.7 Enhancements to Plant in Service Contracts

Business Details

You can now maintain plant details in the service contract items. The system automatically determines the plant at the service contract item level. You can also redetermine the plant when dependent factors change, such as sales organization, distribution channel, division, service organization, service team, country, or service employee. You can't maintain the storage location at the service contract item level.

The plant cannot be changed when the service contract item is in completed status. Additionally, redetermination of the plant is prohibited for service contract items that are in completed status.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	426 (Service Contract Management)

Technical Object Name	App ID: `F3763`
Application Component	`CRM-S4-SRV-CTR` (*Service Contract and Quotation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Plant and Storage Location

10.1.1.8 Navigate to Event-based Revenue Recognition App from Service Contract Item

Business Details

You can now easily access the event-based revenue recognition (EBRR) report used for percentage of completion for service contract items directly from the *Manage Service Contract* and *Display Service Contract* applications using the *Revenue Recognition Monitor* button. This provides a comprehensive view of recognized revenue for each contract item.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	426 (Service Contract Management)
Technical Object Name	App ID: `F3763`
Application Component	`CRM-S4-SRV-CTR` (*Service Contract and Quotation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Service Contracts

10.1.1.9 Support for Cost-Based Percentage of Completion for Service Contracts with Service Order Items

Business Details

This feature enables you to assign multiple service order items and confirmation items to a service contract root item of the financial hierarchy. The planned costs and revenues of the service order items in the financial hierarchy contribute to the planned cost and revenue on service contract item level and allow a cost-based percentage of completion (POC) revenue calculation for the service contract item.

The following predefined service order item categories can be assigned to a financial hierarchy service contract item and are supported for revenue recognition:

- Service Items:
  - SRVP: Service Items
  - SBOS: Service Items (Ad Hoc Billing)
  - SFOS: Fixed Price Service Items
- Service Part Items:
  - SRVM: Service Part Items
  - SBOM: Service Part Items (Ad Hoc Billing)
  - SFOM: Fixed Price Service Part Items
- Expense Items:
  - SRVE: Expense Items
  - SBOE: Expense Items (Ad Hoc Billing)
  - SFOE: Fixed Price Expense Items
- Tool Items:
  SRVT: Tool Items

A financial hierarchy service contract item can be assigned to an unplanned service confirmation item. During technical completion of a service contract item, these follow-up items will be considered, including unplanned item replication from service confirmation to service order. For more information, see Planned Cost and Revenue for Unplanned Items [page 904].

Technical Details

Type	New

Functional Localization	No localization
Scope Item	426 (Service Contract Management) 3M3 (Event-Based Revenue Recognition – Service Documents) 3M4 (Event-Based Revenue Recognition – Service Documents – IFRS)
Technical Object Name	App ID: `F3763`
Application Component	`CRM-S4-SRV-CTR` (*Service Contract and Quotation*) `CO-PC-OBJ-EBR` (*Event-Based Revenue Recognition*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Service Contract as a Root Item in a Financial Hierarchy
Manage Service Contracts

10.1.1.10 OData API: Service Contract (A2X)

Business Details

The *Service Contract (A2X)* API is now enhanced with fields that enable navigation to the Event-Based Revenue Recognition (EBRR) report.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	426 (Service Contract Management)

Technical Object Name	API: `API_SERVICECONTRACT`
Application Component	`CRM-S4-SRV-CTR` (*Service Contract and Quotation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Service Contract (A2X)

10.1.2 Service and Maintenance Plan

10.1.2.1 Enhancement in Maintenance Call Status

Business Details

With this development, the maintenance call status of an item will be set to *Hold* when the plan date of the call is scheduled beyond the service contract validity end date. This allows you to use the existing maintenance plan by renewing the service contract. If the contract has not been extended by the scheduling date, the call status changes from *Hold* to *Complete*.

If a maintenance plan contains due calls before the start of a service contract along with calls within the contract validity period, the calls before the contract start date are set to *Complete* with the scheduling date as the completion date. Maintenance calls within the contract validity period can be *Called*.

> **Note**
>
> This new feature is available as of:
>
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2023 FPS 03
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2025

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	6F1 (Recurring Services with Advanced Execution) 7GA (Recurring Services)

Technical Object Name	App ID:
	`IP10`
	`F4929`

Application Component	`CRM-S4-SRV-MNP` (*S4CRM: Planned Recurring Service*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

10.1.2.2 Enhancement of BAdI in Recurring Service with Advanced Execution

Business Details

The BAdI *Reuse Service Transaction in Recurring Service with Advanced Execution* now groups together maintenance plans that might share the same service order. Grouping is based on a combination of the sold-to party and the sales area of the service contract item that is linked to the maintenance item.

This prevents locking conflicts that occur when multiple maintenance plans access the same service order. This happens when a service order is locked during parallel processing in mass scheduling.

> ⓘ Note
>
> This change is available as of:
>
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2023 FPS 03
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2025

Implementation Details

Customizing

You can find the BAdI in Customizing under *Service* > *Transactions* > *Settings for Recurring Service* > *Business Add-Ins* > *BAdI: Reuse Service Transaction in Recurring Srvc with Advanced Execution*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	6F1 (Recurring Services with Advanced Execution)
Technical Object Name	Business Add-In: `CRMS4_MPLAN_CALL_TYPE_6`
Application Component	`CRM-S4-SRV-MNP` (*S4CRM: Planned Recurring Service*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

10.1.2.3 Service Priority in Recurring Service with Advanced Execution

Business Details

The service priority field is now optional in recurring service with advanced execution. You can create or edit a maintenance plan without assigning a service priority.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	6F1 (Recurring Services with Advanced Execution)
Technical Object Name	App ID: `IP01`
Application Component	`CRM-S4-SRV-MNO` (*Service with Advanced Execution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

10.2 Service Operations & Processes

10.2.1 Service Order Management

10.2.1.1 Rejection Reasons for Service Transactions

Business Details

You can now create rejection profiles that contain predefined rejection reasons for service transactions such as service contracts, service quotations, and service orders. This feature enables you to customize your own rejection reasons and group them in a rejection profile according to your business requirements. You can then assign a rejection profile to a service transaction type. With this, when you reject a service transaction or an item in the transaction, you can select from a group of reasons for the rejection.

You can specify a sales organization for a service transaction in Customizing. This means that you can then select rejection reasons for a specific service transaction that belongs to a specific sales organization. You can also reuse a rejection profile and assign it to a different transaction type.

Implementation Details

Customizing

You can enable this feature using the following activities in Customizing for *Service* under *Transactions* > *Settings for Service Transactions* > *Settings for Rejection Reasons for Service Transactions*:

1. *Define Rejection Reasons*
2. *Assign Rejection Reasons to Rejection Profiles*
3. *Assign Rejection Profiles to Service Transactions*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management) 426 (Service Contract Management)

Technical Object Name	App ID:
	`TBT116MSR`
	`F3763`
	`TBT116QMSR`

Application Component	`CRM-S4-SRV` (*S4CRM: Service Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Service Orders
Rejecting Service Quotations
Service Contracts

10.2.1.2 Support of HDM for Attachments in Service Orders

Business Details

You can now use Harmonized Document Management (HDM) to manage attachments in service orders. HDM enables the use of Document Management (DMS) that offers enhanced functionality compared to the previously supported Generic Object Services (GOS). DMS allows you to independently search for, access, reuse, rename, and version attachments.

HDM harmonizes the process of handling attachments across applications and allows the use of the document frameworks DMS, GOS, and ArchiveLink. By default, the DMS document framework is the recommended and primary solution in HDM, as it provides a more robust feature set for document management compared to other technologies.

Implementation Details

Customizing

To use HDM in your apps, you must configure the relevant settings in Customizing for *ABAP Platform* under *Application Server* > *Basis Services* > *Harmonized Document Management* > *Activate HDM for Attachment Object Types*.

For more information, see the documentation of the Customizing activity and Harmonized Document Management.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	App ID: `TBT116MSR`
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Harmonized Document Management

10.2.1.3 OData API: Service Confirmation

Business Details

The new OData V4 API *Service Confirmation* (`ServiceConfirmation`) is available. It replaces the *Service Confirmation (A2X)* (`API_SERVICE_CONFIRMATION_SRV`) that has been deprecated. You can use the new API to read, create, and change service confirmations and the relevant data. The OData version 4 service aims to improve processing time and resource consumption of clients and servers. This includes a lightweight JSON format that reduces the size of every response.

Compared to *Service Confirmation (A2X)*, this API offers the following benefits:

- You can choose whether you want to process your requests in a synchronous or asynchronous mode.
- For Create and Update requests, you can choose whether you want a full response containing all entities and their properties or whether you want a minimal response containing only the key of the created entity. The latter improves performance.
- Responses for deep insert Create requests include all subentities, not only the header entity.
- You can filter subentities. For example, you can send a request based on all service confirmations in the system that returns all items with a specific product.
- It's based on the ABAP RESTful Application Programming Model (RAP) ensuring a future-proof and stable architecture that is consistent across objects. You will find the same logic in the business object interface `I_ServiceConfirmationTP`.

- It supports features that *Service Confirmation (A2X)* cannot support for technical reasons. You can, for example, read the complete pricing details (including subtotals).

Data Migration for Long Texts

For long texts that are processed with the `SrvcConfLongText` and `SrvcConfItemLongText` entities, the data persistency introduced with SAP S/4HANA and SAP S/4HANA Cloud Private Edition 2023 FPS00 is required. If you want to use this API, migrate your long texts to this persistency. For more information, see SAP note 3625686.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	API: `ServiceConfirmation`
Application Component	`CRM-S4-SRV-SCO` (*S4CRM: Service Confirmation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Service Confirmation (V4)

10.2.1.4 OData API: Service Confirmation (A2X)

Business Details

The OData API *Service Confirmation (A2X)* `API_SERVICE_CONFIRMATION_SRV` has been deprecated and will be deleted in an upcoming release. We recommend switching to *Service Confirmation* (`ServiceConfirmation`). The *Service Confirmation* API is based on the OData V4 protocol and offers improved processing time and resource consumption of clients and servers.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	API: `API_SERVICE_CONFIRMATION_SRV`
Application Component	`CRM-S4-SRV-SCO` (*S4CRM: Service Confirmation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Service Confirmation (A2X) (Deprecated)
Service Confirmation (V4)

10.2.1.5 OData API: Service Order

Business Details

With the OData API *Service Order* (`ServiceOrder`), you can create, read, and update service orders and the relevant data in external systems. You can also delete single entities, such as items, in service orders. This API is based on the OData version 4 (V4) protocol. Compared to the *Service Order (A2X)* API that it now replaces, this API offers improved processing time and resource consumption of clients and servers, including a lightweight JSON format that reduces the size of every response.

Compared to *Service Order (A2X)*, this API offers the following benefits:

- You can choose whether you want to process your requests in a synchronous or asynchronous mode.
- For Create and Update requests, you can choose whether you want a full response containing all entities and their properties or whether you want a minimal response containing only the key of the created entity. The latter improves performance.
- Responses for deep insert Create requests include all subentities, not only the header entity.
- You can filter subentities. For example, you can send a request based on all service orders in the system that returns all items with a specific product.
- It's based on the ABAP RESTful Application Programming Model (RAP) ensuring a future-proof and stable architecture that is consistent across objects. You will find the same logic in the business object interface `I_ServiceOrderTP`.

- It supports features that the *Service Order (A2X)* cannot support for technical reasons. You can, for example, read the complete pricing details (including subtotals).

Data Migration for Long Texts

For long texts that are processed with the `SrvcOrdLongText` and `SrvcOrdItemLongText` entities, the data persistency introduced with SAP S/4HANA and SAP S/4HANA Cloud Private Edition 2023 FPS00 is required. If you want to use this API, migrate your long texts to this persistency. For more information, see SAP note 3625686.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	API: `ServiceOrder`
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Service Order (V4)

10.2.1.6 OData API: Service Order (A2X)

Business Details

The OData API *Service Order (A2X)* (`API_SERVICE_ORDER_SRV`) has been deprecated and will be deleted in an upcoming release. We recommend switching to *Service Order* (`ServiceOrder`) instead. The *Service Order* API is based on the OData V4 protocol and offers improved processing time and resource consumption of clients and servers.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	API: `API_SERVICE_ORDER_SRV`
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

OData API: Service Order [page 889]
Service Order (A2X) (Deprecated)

10.2.1.7 OData API: Service Quotation

Business Details

The OData V4 API *Service Quotation* replaces the OData V2 API *Service Quotation (A2X)* that has been deprecated. Compared to the OData V2 API, the OData V4 API offers improved processing time and resource consumption of clients and servers, including a lightweight JSON format that reduces the size of every response.

Entities in the OData V4 API

The entities of the OData V2 API have been taken over by the OData V4 API. The following entities have been added to the OData V4 service:

- *Follow-Up Service Order Item to Service Quotation Item* (`SrvcQtanItmFUPSrvcOrd`)
- *Partner of Service Quotation Item* (`SrvcQtanItemPartner`): This entity covers the *Employee Responsible for Service Quotation* (`A_ServiceQtanPersonResp`) entity in the OData V2 API *Service Quotation (A2X)* and other partner functions.

Additional properties have been added to entities that have been taken over from the OData V2 API.

Accepting Service Quotations

To accept a service quotation, use the OData V4 API *Service Order*: Create service order items that contain a reference to the service quotation items. Having done this, the referenced service quotation items are

automatically accepted. When all service quotation items are completed, the service quotation is completed automatically.

Data Migration for Long Texts

For long texts that are processed with the `SrvcQtanLongText` and `SrvcQtanItemLongText` entities, the data persistency introduced with SAP S/4HANA and SAP S/4HANA Cloud Private Edition 2023 FPS00 is required. If you want to use this API, migrate your long texts to this persistency. For more information, see SAP Note 3625686.

SAP Business Accelerator Hub

This API is available on the SAP Business Accelerator Hub (https://api.sap.com/api/sap-s4-OP_API_ServiceQuotation_0001-v1/overview).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	API: `ServiceQuotation`
Application Component	`CRM-S4-SRV-SVQ` (*S4CRM: Service Quotation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Service Quotation (V4)
OData API: Service Order [page 889]

10.2.1.8 OData API: Service Quotation (A2X)

Business Details

The OData V2 API *Service Quotation (A2X)* (`API_SERVICE_QUOTATION_SRV_0002`) has been deprecated and will be deleted in an upcoming release. We recommend switching to the OData V4 API *Service Quotation* (`ServiceQuotation`) instead.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	API: `API_SERVICE_QUOTATION_SRV_0002`
Application Component	`CRM-S4-SRV-SVQ` (*S4CRM: Service Quotation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Service Quotation (A2X) (Deprecated)
Service Quotation (V4)

10.2.1.9 SOAP APIs for Service Order

Business Details

The SOAP APIs for service order have been enhanced to support the following features:

- Information about the user who created or changed the service order, including the creation and modification timestamps
- Warranty information of a technical object at header and item level
- Execution status and life cycle status *In Process* for service orders at header and item level

The following table provides you with an overview of the added fields:

Field	Description	Service
Service Order Creation and Modification		
`ServiceDocCreationDateTime`	Timestamp of when the service order was created	• *Service Order - Confirm Processing (Asynchronous)* (`ServiceOrderConfirmation_Out`) • *Service Order (Bulk) - Confirm Processing (Asynchronous)* (`ServiceOrderBulkConfirmation_Out`) • *Service Order - Notification Processing (Asynchronous)* (`ServiceOrderNotification_Out`)
`ServiceDocumentCreatedByUser`	ID of the user who created the service order	
`ServiceDocChangedDateTime`	Date and time when the service order was last changed	
`ServiceDocumentChangedByUser`	ID of the user who last changed the service order	
`ServiceDocItemCreationDateTime`	Timestamp of when the service order item was created	
`ServiceDocItemCreatedByUser`	ID of the user who created the service order item	
`ServiceDocItemChangedDateTime`	Date and time when the service order item was last changed	
`ServiceDocItemChangedByUser`	ID of the user who last changed the service order item	
Warranty Information		
`SrvcDocItemIsUnderWarranty`	Indicates whether the equipment referenced in the service transaction item is under warranty. Boolean: True or False	• *Service Order - Create, Change (Asynchronous)* (`ServiceOrderRequest_In`) • *Service Order - Confirm Processing (Asynchronous)* (`ServiceOrderConfirmation_Out`) • *Service Order (Bulk) - Confirm Processing (Asynchronous)* (`ServiceOrderBulkConfirmation_Out`) • *Service Order - Notification Processing (Asynchronous)* (`ServiceOrderNotification_Out`)

Field	Description	Service
`SrvcDocWarrantyStatus`	Indicates the cumulative warranty status of all items of a service transaction. Possible values are: • `[ ]: No Warranty` • `P: Partial Warranty` • `C: Complete Warranty` The value depends on the `SrvcDocItemIsUnderWarranty` value of the service transaction items.	• *Service Order - Confirm Processing (Asynchronous)* (`ServiceOrderConfirmation_Out`) • *Service Order (Bulk) - Confirm Processing (Asynchronous)* (`ServiceOrderBulkConfirmation_Out`) • *Service Order - Notification Processing (Asynchronous)* (`ServiceOrderNotification_Out`)
`MasterWarranty`	ID of the master warranty assigned to a reference object, for example, equipment. Based on the master warranty, the system automatically sets the `SrvcDocItemIsUnderWarranty` field to **true** if a valid warranty is found, or **false** if no warranty applies.	
`WarrantyEndDate`	End date of a warranty period for a service transaction item	
Status Information		
`SrvcOrdExecutionStatus`	Execution status of a service order. Possible values are: • `02: Execution Planning` • `03: Planning Completed` • `04: In Execution` • `06: Execution Done` • `07: Canceled` • `08: Not Relevant` For more information, see Execution Statuses of Service Orders.	• *Service Order - Confirm Processing (Asynchronous)* (`ServiceOrderConfirmation_Out`) • *Service Order (Bulk) - Confirm Processing (Asynchronous)* (`ServiceOrderBulkConfirmation_Out`) • *Service Order - Notification Processing (Asynchronous)* (`ServiceOrderNotification_Out`)

Field	Description	Service
`SrcvOrdItemExecutionStatus`	Execution status of a service order item. Possible values are: • `02: Execution Planning` • `03: Planning Completed` • `04: In Execution` • `06: Execution Done` • `07: Canceled` • `08: Not Relevant` For more information, see Execution Statuses of Service Orders.	• *Service Order - Create, Change (Asynchronous)* (`ServiceOrderBulkRequest_In`) • *Service Order (Bulk) - Create, Change (Asynchronous)* (`ServiceOrderRequest_In`) • *Service Order - Confirm Processing (Asynchronous)* (`ServiceOrderConfirmation_Out`) • *Service Order (Bulk) - Confirm Processing (Asynchronous)* (`ServiceOrderBulkConfirmation_Out`) • *Service Order - Notification Processing (Asynchronous)* (`ServiceOrderNotification_Out`)
`ServiceOrderIsInProcess`	Indicates whether the service order has status *In Process*. Boolean: True or False	
`ServiceOrderItemIsInProcess`	Indicates whether the service order item has status *In Process*. Boolean: True or False	

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	See the table above
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Service Order - Create, Change (Asynchronous)
Service Order - Confirm Processing (Asynchronous)

Service Order - Notification Processing (Asynchronous)
Service Order (Bulk) - Create, Change (Asynchronous)
Service Order (Bulk) - Confirm Processing (Asynchronous)

10.2.1.10 Release Button for Service Orders and Service Order Templates

Business Details

Previously, you could only set the status of a service order to *Released* in edit mode and save it manually. Now, you can release a service order in display mode by choosing *Release* in *Manage Service Orders* app. With this new button, you can release the service order along with its items in one go, which is less time-consuming.

The *Release* button is only active when the following conditions are met:

- The service order is in display mode.
- The service order header is in the status *Open* or *In Process*.
- The service order has not been archived.

If the service order or any item in the service order has errors, the service order cannot be released.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	App ID: `TBT116MSR`
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Service Orders

10.2.1.11 Enhancement to Ad Hoc Billing Plans for Service Orders

Business Details

The following new features related to ad hoc billing plans for service orders are now available:

- Automatic determination of billing plan templates for ad hoc billing plans
- Percentage-based billing for ad hoc billing plans and billing plan templates
- Assign Item Categories to Billing Plan Templates

Additional details of the features:

- **Automatic determination of billing plan templates for ad hoc billing plans**
  When you create an ad hoc billing plan for a service order item, you can use the function *Create from Template* to fill the ad hoc billing plan with predefined billing request lines from a billing plan template. Now, you don't need to manually choose *Create from Template* to copy from a billing plan template because a billing plan template can be determined automatically according to specific keys entered for a service order item, for example, a sales area.
- **Percentage-based billing for ad hoc billing plans and billing plan templates**
  In percentage-based billing, you enter the billing request line percentage, which calculates the billing value in an ad hoc billing plan automatically. When the net value of the service order item changes, the billing value is recalculated based on the entered percentage. If some lines have already been billed before the net value change, the subsequent lines are recalculated based on the percentage, and the percentage for the already billed lines is adjusted according to the amount billed. You can use percentage-based billing when you create a billing plan template as well.
- **Assign item categories to billing plan templates**
  When you create billing plan templates, you can now assign item categories to billing plan templates. You can choose these item categories in the value help for billing plan templates that is called up for *Create from Template*.

Implementation Details

Customizing

Automatic determination of billing plan templates for ad hoc billing plans

When you define a billing plan type with the billing plan usage *Ad Hoc Billing* under *Service* > *Transactions* > *Basic Settings* > *Billing Plan* > *Define Billing Plan Types*, you can enable the automatic determination of billing plan templates via the checkbox *Determine Billing Plan Template*.

Under *Service* > *Transactions* > *Basic Settings* > *Billing Plan* > *Create Billing Plan Templates* you can now optionally enter an item category and assign it to a billing plan template. It is possible to assign several item categories to one template. It is also possible to assign one particular item category to several templates. However, when you have activated the automatic determination of a billing plan template for billing plan types with the usage "Ad Hoc Billing" for service order items, it is recommended to keep a 1:1 assignment so that the system can then automatically determine uniquely from which template the billing request lines are to be created.

Percentage-based billing for ad hoc billing plans and billing plan templates

When you define a billing plan type with the billing plan usage *Ad Hoc Billing* under *Service* > *Transactions* > *Basic Settings* > *Billing Plan* > *Define Billing Plan Types*, you can enable the percentage-based billing for billing plans using the *Billing Rule Percentage Based Billing (Ad Hoc)* .

Assign item categories to billing plan templates

You can define the assignment of item categories in the new view *Item Categories of Billing Plan Template*. You can find this view under *Service* > *Transactions* > *Basic Settings* > *Billing Plan* > *Create Billing Plan Template*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	App ID: `TBT116MSR`
Application Component	`CRM-S4-SRV` (*S4CRM: Service Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Ad Hoc Billing for Service Orders
Billing Plan Templates for Ad Hoc Billing Plans in Service Orders

10.2.1.12 Facets on Overview Pages of Service Transactions

Business Details

You can now use facets on overview pages of service quotations, service orders, and service confirmations. The facets provide a structured display of relevant key fields on the header and item levels in a harmonized manner. Using facets allows you to quickly view important data without navigating through the entire object details.

You can use *UI Component Workbench* to customize the standard facet configuration, both at header and item level.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)

Technical Object Name	App ID:
	`TBT116QMSR`
	`TBT116MSR`
	`TBT117MSR`

Application Component	`CRM-S4-SRV-SVQ` (*S4CRM: Service Order Quotation*) `CRM-S4-SRV-SVO` (*S4CRM: Service Order*) `CRM-S4-SRV-SCO` (*S4CRM: Service Confirmation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Overview Pages with Fiori Layout

10.2.1.13 Search for Note Texts in Service Transactions

Business Details

It's now possible to use Enterprise Search to search for note texts in service transactions. The feature allows you to quickly find all service transactions that contain a specific note text, such as a problem description in a service order or customer instructions in an in-house service.

You can run a free-text search to search for note texts in the following service transactions:

- Service confirmations
- Service orders
- Service quotations
- Service requests
- In-house services

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management) 7GB (In-House Service)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SRV` (*S4CRM: Service Management*) `CRM-S4-IHR` (*S4CRM: In-House Repair*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Enterprise Search

10.2.1.14 Settlement Options for Service Transaction Items

Business Details

You can now configure whether settlement is allowed for service transaction items. In particular, you can allow hierarchy settlement for execution order items and main items in a service hierarchy. In this way, you can flexibly define whether you want to consolidate costs across related transactions for unified reporting or to process the cost of each transaction independently.

You can use the following settlement options for financial tracking and cost allocation:

- *Hierarchy Settlement*: Consolidates costs across related transactions for unified reporting.
- *Settlement Without Hierarchy*: Processes the cost of each transaction independently.

  > ⓘ Note
  >
  > *Settlement Without Hierarchy* is the default option. If you want to use hierarchy settlement for main items in a service hierarchy or for execution order items, make sure to select the *Hierarchy Settlement* option for these items.

- *No Settlement*: Ensures expenses remain tied to their original transaction without redistribution.

For all item categories, you can choose either to allow settlement without hierarchy or to disable settlement entirely.

Hierarchy settlement is available for the following items:

- Execution order item
  - If you choose the hierarchy settlement, the execution order item and the related maintenance order are settled together. In this case, the profit center transferred from the execution order item to the maintenance order cannot be changed.
  - If you choose the settlement without hierarchy, the maintenance order is settled separately, using a distinct settlement profile.
- Main item in a service hierarchy in a service order

For a service contract item that requires hierarchy settlement, you must enable *Root Item in Financial Hierarchy* for the selected type of service contract item and transaction category *Service Contract*.

For more information on hierarchy settlement, see Hierarchy Settlement for Service Document [page 190].

Implementation Details

Customizing

You can configure settlement options for service transaction items in Customizing for *Service* under *Transactions* > *Basic Settings* > *Define Item Categories*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management) 426 (Service Contract Management)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SRV` (*S4CRM: Service Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Hierarchy Settlement for Service Document [page 190]

10.2.1.15 Service Hierarchy in Intercompany Service Process

Business Details

You can now use the concept of service hierarchy with collective accounting in intercompany service processes. The feature allows you to define intercompany items as main items and subitems in a service hierarchy. Costs incurred by the intercompany service order are collected under the account assignment object of the intercompany item specified as the main item in the service hierarchy.

A service hierarchy can be used both in the service order of the company that sells the service and in the service order of the company that executes the service. This means you can have a service hierarchy in just one of the service orders or in both, depending on your process needs.

If you manually add subitems in a service hierarchy in an intercompany service order, these subitems automatically inherit the intercompany reference item number from the main item.

To specify an intercompany item as a main item in a service hierarchy, use the new item category *Intercompany Service Item Collective Accounting* (`SRHI`).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Intercompany Service Orders
Service Hierarchy with Collective Accounting

10.2.1.16 Planned Cost and Revenue for Unplanned Items

Business Details

You can now calculate planned cost and revenue – both baseline and ongoing – for unplanned items in a service order. This feature is especially useful if you use the event-based revenue recognition method **Recognize Revenue on Cost-Based Percentage of Completion (POC)**, and the unplanned items are created as subitems of the main item in a service hierarchy.

Newly added unplanned items in a service order are now priced like items created directly in the service order. To enable the calculation of cost and revenue for unplanned items, you must set the pricing-relevant flag for the relevant item categories in Customizing for Service under *Transactions* > *Basic Settings* > *Define Item Categories*.

If you add unplanned items to a service order, you can update the baseline planned cost and revenue by using *Update Baseline* on the service order header.

To improve the accuracy of planned costs for unplanned expense items, the system copies the manual price condition (representing the expense amount) from the unplanned item in a service confirmation to the corresponding unplanned item in the preceding service order.

When you delete an unplanned item in the service confirmation, the unplanned item in the service order is always automatically deleted.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Unplanned Items
Service Planning: Managing Planned Cost and Revenue

10.2.1.17 Multiple Revenue Accounts for Planned Cost and Revenue

Business Details

Account determination for planned revenue has been enhanced to better support revenue recognition in service orders using the cost-based percentage of completion (POC) method. Previously, only a single revenue account was used for the planned revenue of a service order item, based on its active price condition. Now, it's possible to use multiple revenue accounts, each corresponding to a price condition or discount/surcharge that contributes to the planned revenue. This enhancement ensures that the planned revenue accounts are more closely aligned with actual revenue postings, improving financial accuracy and reporting.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Service Planning: Managing Planned Cost and Revenue

10.2.1.18 Optimized Migration to Revenue Accounting and Reporting

Business Details

This feature enables the initial data import from service transactions and related follow-up transactions during your migration to Revenue Accounting and Reporting (RAR) using revenue accounting items (RAIs).

It's particularly useful in distributed system landscapes where data must be migrated from multiple systems to RAR.

The operational load program *Service: Revenue Accounting Operational Load* (`CRM_SRV_REVACC_OL`) has been enhanced to create RAIs for optimized inbound processing and to defer RAR contract creation. The system generates postponed RAIs marked with the postponement reason *Initial Load* and item status *Postponed*. You can view them in the *Manage Revenue Accounting Items* app. The system then identifies related RAIs and processes them using the initial load program `FARR_INB_INIT_LOAD`. The item status changes to *Processed*. This approach groups RAIs related to the same source document into a single revenue contract, ensuring accurate invoice and financial data handling.

In the operational load program, you can also specify a date to determine the migration period:

- Events that occur before the migration fiscal period result in migration postings treated as statistical.
- Events that occur after the migration fiscal period generate production postings that are posted to FI-GL in the first open period within Revenue Accounting.

To define the migration period, use the parameter *Date for Migration Period Determination*. This parameter is optional. If no date is specified, the system automatically selects the last closed fiscal period in Revenue Accounting as the migration fiscal period.

Implementation Details

Customizing

To use RAR, define which service transaction items are relevant for integration with Revenue Accounting and Reporting. In Customizing for Service, navigate to *Transactions* > *Settings for Service Transactions* > *Integration* > *Revenue Accounting Integration* > *Define Relevance Type for Revenue Accounting*. Assign an item category to the respective transaction type. Select the *Revenue Accounting Type* checkbox if you require this configuration for revenue accounting. The system generates revenue accounting items for the service transaction items with the respective transaction types.

In the `CRM_SERVICE_REVACC_OL` report, select *Contract Management* under *Contract Management Version* to start the operational load for RAR.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*)

Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Operational Load in Service
Integration with Service
Supported Scenarios
Migration Fiscal Period
Operational Load for Third-Party Sender Components

10.2.1.19 Plant and Storage Location in Service Transactions

Business Details

The plant and storage location can now be automatically determined and displayed when the service transaction item is entered. You can also manually change the plant and storage location in the *Items* assignment block. If you manually change the plant and then want to change it back to the original value, you can use the *Redetermine Plant/Location* button in the *Items* assignment block.

Implementation Details

Customizing

In some cases, the plant and storage location can be copied to the follow-up item if a transaction is copied (for example, a service order is copied to a new service order) or if a transaction is created as a follow-up (for example, from service quotation to service order). In other cases, the plant and storage location can be redetermined from Customizing. You can control this in the Customizing activity *Define Copying Control for Item Categories* with the following options:

- Copy from Preceding Transaction
  Here the plant and storage location is copied from the preceding transaction
- Copy Manual Value and Redetermine Automatic Value
  Here a manually changed plant or storage location will be copied and the others will be redetermined.
- Redetermine All Values
  Here the plant and storage location is redetermined when the transaction is copied or created as a follow-up

You can use the following path: *Service* > *Transactions* > *Basic Settings* > *Copying Control for Business Transactions* > *Define Copying Control for Item Categories*

Effects on Existing Data

The plant and storage location fields will be available once you upgrade. The data conversion method, Silent Data Migration (SDMI), will update the plant and storage location fields for all items except execution order items and sales items based on the current Customizing or BAdI implementation for plant and storage location determination. The update is independent of the status of the item, so for example completed items will also be updated. Until the SDMI is executed, the current logic for dynamically determining plant and storage location will continue to be used as a fallback.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management) 426 (Service Contract Management) 4Q5 (Solution Quotation)

Technical Object Name	App ID:
	`TBT116QMSR`
	`TBT116MSR`
	`TBT117MSR`

Application Component	`CRM-S4-SRV` (*S4CRM: Service Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Plant and Storage Location

10.2.1.20 Credit Check in a Distributed Landscape

Business Details

You can now perform credit checks in a distributed landscape, using one system for the service transaction and a separate system for credit management. You no longer need to maintain the credit management role for the

business partner in the system that processes the service transaction. A separate system can be used for all credit check-related decisions.

Implementation Details

The BAdI method `IF_EX_UKM_R3_ACTIVATE~GET_RFCDEST_FSCM` needs to be implemented to specify the logical destination of Credit Management.

For Financial Supply Chain Management (FSCM) APIs to perform successful credit management operations, the following steps must be completed:

- Establish connections between S/4HANA Service and Credit Management system
- Create Service definition bindings
- Define a communication user

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`TBT116QMSR`
	`TBT116MSR`

Application Component	`CRM-S4-SRV` (*S4CRM: Service Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Connecting Sales and Distribution in SAP S/4HANA Systems or as of SAP ERP 6.0

10.2.1.21 Planned Revenue in Resource-Related Billing

Business Details

You can now calculate the planned revenue for execution order items with summarized or itemized billing as the billing relevance. The planned revenue is determined from the corresponding billable maintenance order.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `TBT116MSR`
Application Component	`CRM-S4-SRV-MNO` (*Service with Advanced Execution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

10.2.1.22 BAdI: Determine Service Team from Attributes

Business Details

The Business Add-In (BAdI) *Determine Service Team from Attributes* enables you to determine service teams by adding custom attributes or by using standard attributes. Previously, only standard attributes of country, postal code, and enterprise service organization was used to determine service team. This BAdI is also used to decide when the service team should be determined.

Implementation Details

Customizing

You can find the BAdI in Customizing under *Service* > *Master Data* > *Service Teams* > *BAdI: Determine Service Team from Attributes*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Business Add-In: `CRMS4_RM_SRVTEAM_DETERMINATION`
Application Component	`CRM-S4-SRV-SVO` (*Service Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

10.2.1.23 Reading Sales Area Customizing Entries for Service Transactions

Business Details

With this development for Enterprise Organizational Management, only sales areas assigned to service transactions in the Customizing activity *Assign Sales Area to Service Transaction Types* are valid. It's no longer required to maintain the same mapping between sales area and service transaction in the *Assign Sales Area to Sales Document Types* Customizing activity.

Implementation Details

Customizing

The mapping between sales area and service transaction only needs to be maintained in *Assign Sales Area to Service Transaction Types* using the following path: *SAP Customizing Implementation Guide* > *Service* > *Basic Functions* > *Enterprise Organizational Management* > *Assign Sales Area to Service Transaction Types*

Effects on Existing Data

The existing mapping in the *Assign Sales Area to Sales Document Types* (`TVAKZ`) Customizing activity must be manually copied to the *Assign Sales Area to Service Transaction Types* (`CRMS4C_SAREA_PRT`) Customizing activity.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CRM-S4-MD-ORG` (*Organizational Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

10.2.1.24 Warranty Status in Service Transaction

Business Details

The *Transaction Under Warranty* field has been renamed to *Warranty Status*. You can now filter and search service transactions based on the warranty status. The warranty status is also displayed in the result list.

The warranty status at the service transaction header is determined based on the following warranty status of the items:

- Complete Warranty: All service items are covered by warranty.
- Partial Warranty: One or more items are out of warranty.
- No Warranty: No item is under warranty.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`TBT116QMSR`
	`TBT116MSR`
	`TBT117MSR`

Application Component	`CRM-S4-SRV` (*S4CRM: Service Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Warranty Determination

10.2.1.25 Resource-Related Cost Items in Service Order

Business Details

Service with Advanced Execution now supports the use of resource-related cost (RRCO) items in service orders. RRCO items provide information about the time taken and the materials used for the service as a cost. RRCO items were previously only supported in service quotations as part of Service with Advanced Execution.

Implementation Details

Customizing

You assign the item category usage *RRCO (Resource-Related Cost)* in Customizing for Service under: *Service* > *Transactions* > *Basic Settings* > *Define Item Category Determination*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6AU (Service with Advanced Execution)

Technical Object Name	App ID:
	`TBT116QMSR`
	`TBT116MSR`

Application Component	`CRM-S4-SRV-MNO` (*S4CRM: Service with Advanced Execution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Resource-Related Cost item

10.2.1.26 Tool Items in Service Transactions

Business Details

You can now enter tools for the following service transactions in order to bill them to your customers and to determine and allocate internal costs:

- Service orders, service order templates, and service quotations (item categories: `SRVT`, `SRTT`, `SRQT`)
- Service confirmations (item category `SVCT`).

> **Note**
>
> This feature is currently only available for item-based accounting.

Implementation Details

Customizing

The following configurations need to be done in order to use tools in service transactions:

1. Under *Logistics - General* > *Material Master* > *Basic Settings* > *Material Types* > *Define Attributes of Material Types*, you have to enable the user department *Sales* for the material type `FHMI`.
2. Under *Logistics - General* > *Material Master* > *Configuring the Material Master* > *Define Structure or Data Screens for Each Screen Sequence*, you have to maintain the program `SAPLCRMS4_PRUDUCT_SUBSCREEN` for the *Screen sequence* 21 (*Std ind.(short) tab pages*) and the *Data screen* 17 (*Production Resources/Tools)*.
3. Under *Logistics - General* > *Material Master* > *Field Selection* > *Assign Fields to Field Selection Groups*, you have to maintain the *Maint. Status* **VF** for the field *MARA-SRV_DURA*.
4. Under *Logistics - General* > *Material Master* > *Field Selection* > *Assign Fields to Field Selection Groups*, you have to maintain the *Maint. Status* **VF** for the field *MARA-SRV_DURA_UOM*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	Material Type: `FHMI`
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*) and `CRM-S4-SRV-SCO` (*S4CRM: Service Confirmation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Tool Items in Service Transactions

10.2.1.27 Derivation of Activity Type for Service Transactions

Business Details

You can now derive the activity type from the item type, the service type, and the valuation type for service product items in service transactions. With the introduction of the new Customizing activity *Define Derivation of Activity Type*, the data of service processes **does not** need to be replicated before the derivation of activity type can be defined when item-based accounting is active. Moreover, the new Customizing activity is easier to maintain as only relevant fields are available.

Implementation Details

You can only use this functionality if item-based accounting is active. If you are using item-based accounting already, the report `CRMS4_XPRA_COPY_CATS_CO` copies existing data from table `CRMC_CATS_CO` to the newly introduced table `CRMS4C_CATS_CO`.

Customizing

For item-based accounting, you will find the Customizing activity under *Service* > *Transactions* > *Settings for Service Transactions* > *Integration* > *Set Up Time Sheet Integration* > *Define Derviation of Activity Type* . With

this activity, you can define settings for the data transfer from service product items in service confirmations to Cross Application Time Sheet (CATS).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	Table: `CRMS4C_CATS_CO`
Application Component	`CRM-BTX-BF` (*Basic Functions for Business Transactions*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Setting Up Item-Based Accounting

10.2.1.28 Service Transaction GTS Status

Business Details

You can now use this API to retrieve the GTS status descriptions of service transactions such as service orders or service confirmations. Possible descriptions are:

- `[blank]`: Not Relevant, No Check
- `A`: Released
- `C`: Blocked
- `E`: Partially Blocked
- `F`: Pending - Not Yet Checked

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	API: `API_SRVCTRANSACTIONGTSSTATUS`
Application Component	`CRM-S4-SRV-SVO-FIO` (*S4CRM: Service Order Fiori-UI*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Service Transaction GTS Status - Read

10.2.1.29 Service Transaction Item GTS Status

Business Details

You can now use this API to retrieve the GTS status descriptions of service transaction items such as service order items or service confirmation items. Possible descriptions are:

- `[blank]`: Not Relevant, No Check
- `A`: Released
- `C`: Blocked
- `D`: Pending - Not Yet Checked

Technical Details

Type	New
Functional Localization	No localization

Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	API: `API_SRVCTRANSACITEMGTSSTATUS`
Application Component	`CRM-S4-SRV-SVO-FIO` (*S4CRM: Service Order Fiori-UI*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Service Transaction Item GTS Status - Read

10.2.2 In-House Service

10.2.2.1 Renaming of In-House-Repair to In-House Service

Business Details

The *In-House Repair* solution capability has been renamed *In-House Service*. This change affects the names of all objects containing the terms *in-house repair* and *repair*.

The reason for this change is that the solution capability can be used not only for processing repairs, but also for processing different types of product-related services. These services can be carried out at in-house service centers. The term *in-house service* better covers this scope.

The names of the following objects have been adapted due to the renaming:

Object	Before Renaming	After Renaming	Further Information
Scope item (`7GB`) / scenario	Service - In-House Repair	In-House Service	
Service transaction type (`IHRP`)	In-House Repair	In-House Service	In-House Service
Item category (`IHRI`)	In-House Repair Item / Repair Object	In-House Service Object **Note** Abbreviated with *service object*	In-House Service Object (Service Object)
App (`F4025`)	Manage In-House Repairs	Manage In-House Services	Manage In-House Services

Object	Before Renaming	After Renaming	Further Information
App (`F7695`)	Manage Repair Objects	Manage In-House Service Objects	Manage In-House Service Objects
API (`API_INHOUSEREPAIR`)	In-House Repair	In-House Service	In-House Service
Archiving object (`CRMS4_REPA`)	In-House Repair	In-House Service	Archiving In-House Services Using CRMS4_REPA

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7GB (In-House Service)

Technical Object Name	App ID:
	`F4025`
	`F7695`
	API:
	`API_INHOUSEREPAIR`
	Archiving object:
	`CRMS4_REPA`

Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

In-House Service

10.2.2.2 Deletion of Apps in In-House Service

Business Details

The following apps in In-House Service have been deleted and are no longer available by default on the SAP Fiori launchpad:

- *Perform Prechecks* (`F4050`)
- *Process Repair Quotations* (`F4580`)
- *Plan Repairs* (`F4152`)
- *Perform Repairs* (`F4241`)
- *Prepare for Billing* (`F4263`)

Use the successor app *Manage In-House Service Objects* (`F7695`) instead.

For the *Prepare for Billing* app, the following successor apps are provided:

- *Manage In-House Service Objects* to create outbound deliveries and to set the service objects to *Completed*
- *Release for Billing* to release the billing-relevant items

Technical Details

Type	Deleted
Functional Localization	No localization
Scope Item	7GB (In-House Service)

Technical Object Name	App ID:
	`F4050`
	`F4580`
	`F4152`
	`F4241`
	`F4263`

Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage In-House Service Objects
Billing of Service Transactions

10.2.2.3 Deletion of Situation Templates in In-House Service

Business Details

The following situation templates in In-House Service have been deleted and are no longer available:

- *Billing for Repair Object Delayed* (`SRVC_DELAY_IN_BILLING`)
- *Precheck of Repair Object Delayed* (`SRVC_DELAY_IN_PRECHECK`)

For the situation template *Precheck of Repair Object Delayed*, the situation template *Follow-Up Step of Precheck Pending* (`SRVC_IHRITM_PRECHECK_DELAYED`) is provided as a successor. You use this template in the *Manage In-House Service Objects* app (`F7695`) to notify your service managers if the precheck for a new repair object created hasn't been completed within a specified period. This enables them to take the necessary action without delay, for example, create a service order or a service quotation, initiate an outbound delivery, or mark the repair object as completed.

The situation template *Billing for Repair Object Delayed* is not replaced by a successor.

Technical Details

Type	Deleted
Functional Localization	No localization
Scope Item	7GB (In-House Service)

Technical Object Name	Situation Template:
	`SRVC_DELAY_IN_BILLING`
	`SRVC_DELAY_IN_PRECHECK`
	App ID:
	`F7695`

Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Situation Template: Follow-Up Step of Precheck Pending
Manage In-House Service Objects

10.2.2.4 Increase the Actual Delivered Quantity of In-House Service Objects in Returns Orders

Business Details

In returns orders, you now can retroactively increase the quantity of the in-house service objects (service object) to be returned if it turns out that a higher number of in-house service objects than originally announced in the returns order is returned by the customer. The changed quantities are then displayed in the *Manage In-House Services* (`F4025`) and *Manage in-House Service Objects* (`F7695`) apps. Previously, it was only possible to retroactively reduce the quantity of the service objects in the returns order.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7GB (In-House Service)

Technical Object Name	App ID:
	`F4025`
	`F7695`

Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*) `LO-ARM` (*Advanced Returns Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

In-House Service Object (Service Object)
Manage Customer Returns for Service Objects

10.2.2.5 Situation Template: Inconsistency in Logistics Information for Service Object

Business Details

You can use the *Inconsistency in Logistics Information for Service Object* template to inform your service managers that the logistics information originally specified for a service object has changed for the related serialized product or equipment.

This enables service managers to take necessary actions without delay. They can, for example, contact the logistics expert to align the logistics information for the serialized product with the logistics information originally specified for the serialized product or equipment in In-House Service.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7GB (In-House Service)
Technical Object Name	Situation Template: `SRVC_IHRITEM_EQUIP_LOGS_ERROR`
Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Situation Template: Inconsistency in Logistics Information for Service Object
Manage In-House Service Objects

10.2.2.6 Situation Template: Stock Inconsistency for Service Object

Business Details

You can use the *Stock Inconsistency for Service Object* template to inform your service managers that the available quantity of a non-serialized product in the specified plant and storage location is less than the quantity originally entered for the related service object. In addition, the stock type and the special stock indicator originally entered for the service object might have changed for the non-serialized product.

This enables service managers to take necessary actions without delay. They can, for example, contact the logistics expert to change the quantity posted for the non-serialized products at the plant and/or storage location to the quantity originally specified for the related service object in In-House Service.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7GB (In-House Service)
Technical Object Name	Situation Template: `SRVC_IHRITM_PROD_LOGS_ERROR`
Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Situation Template: Stock Inconsistency for Service Object
Manage In-House Service Objects

10.2.2.7 Extensibility: In-House Service API

Business Details

As a business expert, you can now extend the `API_INHOUSEREPAIR` OData service according to your business needs and add properties to the entities using key user adaptation.

For more information, see the *Extensibility* section for the `API_INHOUSEREPAIR` API on the SAP Business Accelerator Hub (https://api.sap.com/).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7GB (In-House Service)
Technical Object Name	API: `API_INHOUSEREPAIR`
Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Extensibility: In-House Service
In-House Service

10.2.2.8 Extensibility: Manage In-House Service Objects App

Business Details

As a business expert, you can now extend the *Manage In-House Service Objects* app according to your business needs. For example, you can add additional standard and custom fields on the UI, and implement custom logic to modify the standard system behavior.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7GB (In-House Service)
Technical Object Name	App ID: `F7695`
Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

App Extensibility: Manage In-House Service Objects

10.2.2.9 Change the Shipping Address for In-House Services and Service Objects

Business Details

In the *Manage In-House Services* (`F4025`) and *Manage In-House Service Objects* (`F7695`) apps under *Shipping*, you can now change the ship-to address of the ship-to party specified in in-house services and service objects.

You can change the ship-to address in in-house services and service objects as follows:

- Select a different **ship-to party address** for the specified ship-to party that is maintained for the ship-to party in the business partner data.
- Enter a new address under *Alternative Shipping Address*.
  This address is then displayed under *Ship-To Party Address* and is exclusively used for this service object. It is not stored in the business partner data for the ship-to party.

The rules for inheriting the shipping data also apply to the alternative shipping address.

In the *Manage In-House Service Objects* app, the *Shipping* tab has been moved to the new *Logistics* facet that has been introduced.

Implementation Details

Customizing

You can change the shipping address in in-house services and service objects if the *Changeable Address* checkbox is selected in the *Define Partner Determination Procedure in Service* Customizing activity in Customizing for *Service* under *Basic Functions* > *Partner Processing*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7GB (In-House Service)

Technical Object Name	App ID:
	`F7695`
	`F4025`

Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

In-House Service
In-House Service Object (Service Object)

10.2.2.10 Removal of Recommendations Items in the In-House Service Apps (Logistics Process)

Business Details

With the enhanced logistics process for service objects, the navigation to create returns orders and outbound deliveries in the *Manage In-House Services* (`F4025`) and *Manage In-House Service Objects* (`F7695`) apps has changed. You now use buttons instead of recommendation items to launch the logistics processes in In-House Service. These buttons are implemented as **Actions** using ABAP RESTful Application Programming Model (**RAP**).

If you have implemented the logistics process in In-House Service in an earlier release, the recommendations items used so far are still displayed. However, you can remove them in the *Assign Action to SAP Fiori App* Customizing activity.

Implementation Details

Customizing

In the *Assign Action to SAP Fiori App* Customizing activity in Customizing for *Service* under ▶ *Transactions* ▶ *Settings for In-House Service* ▶, remove the apps that are assigned to the action definitions relevant for the logistics processes.

The following action definitions are affected:

- `REPA2021_OUTBOUND_DEL_CREATE` (*Create Outbound Delivery*)
- `REPA2021_OUTBOUND_DEL_RECREATE` (*Create New Outbound Delivery*)
- `REPA2021_RETURNS_ORDER_CREATE` (*Create Returns Order*)
- `REPA2022_OUTBOUND_DEL_CREATE` (*Create Outbound Delivery*)
- `REPA2022_OUTBOUND_DEL_RECREATE` (*Create New Outbound Delivery*)
- `REPA2022_RETURNS_ORDER_CREATE` (*Create Returns Order*)

To use buttons instead of recommendation items to launch the logistics processes in the In-House Service apps, make the following settings in Customizing for *Service*:

1. In the *Define Profiles for Logistics Integration* Customizing activity, create a logistics profile and assign the steps required to launch the logistics processes for the service objects in the In-House Service apps. Use the following settings:

Logistics-Related Step	Delivery Type	Movement Type
Transfer: Create Inbound Delivery	`ELS3` (Transfer Service Object - Inbound Delivery)	501
Transfer: Create Outbound Delivery	`LFS2` (Transfer Service Object - Outbound Delivery)	601
Receive from Customer: Create Inbound Delivery	`ELS1` (Receive Service Object - Inbound Delivery)	`501`
Send Back to Customer: Create Outbound Delivery	`LFS4` (Send Service Object Back to Customer - Outbound Delivery)	`601`

2. In the *Define Item Categories* Customizing activity, assign the logistics profile that you have created in the *Define Profiles for Logistics Integration* Customizing activity to the item category that is used for service objects.

For more information about implementing the logistics process for In-House Service, see the *Integrate In-House Service with Inventory and Delivery Management* Customizing documentation in Customizing for *Service* under *In-House Service*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7GB (In-House Service)

Technical Object Name	Customizing Activity:
	`CRMS4VC_REPA_IAC`
	App ID:
	`F7695`
	`F4025`

Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Transfer Service Objects to Another Service Center (Intracompany Transfer) [page 929]
Receive Service Objects Using Inbound Deliveries [page 934]
ABAP RESTful Application Programming Model

10.2.2.11 Transfer Service Objects to Another Service Center (Intracompany Transfer)

Business Details

Once the service objects have the availability *Received by Service Center*, you can now transfer them to another service center at which the in-house service is to be performed. You launch this logistics process in the *Manage In-House Service Objects* (`F7695`) or *Manage In-House Services* (`F4025`) app by creating an outbound delivery. The subsequent process steps that are required to post the service objects to the new service center, are performed in Delivery Management (LE-SHP).

The transfer of service objects to another service center is indicated by the following entries under *Availability at the Service Center*:

- *Transfer to Another Service Center Pending*: The service object should soon be transferred to the plant or storage location at which the in-house service is to be performed. An outbound delivery has been created for the service object, but a goods issue hasn't been posted yet.

- *Transfer to Another Service Center*: The service object is currently being transferred to the plant or storage location at which the in-house service is to be performed. A goods issue has been posted and an inbound delivery has been created for the service object.

As soon as the service object has arrived at the new service center and the goods receipt has been created, the availability of the service object changes to *Received by Service Center*.

In the *Manage In-House Service Objects* app, the logistics-relevant documents created for the transfer, and logistics-related information, such as the plant, the storage location, and the special stock type, are displayed on the *Manage In-House Service Objects* screen under *Logistics*.

Implementation Details

Customizing

To enable the integration of In-House Service with the processes for Inventory Management and Inventory (MM-IM), and Delivery Management (LE-SHP), several Customizing activities that are specific are required. These Customizing activities are grouped under the following Business Configuration Sets (BC sets):

- `LE_SHP_IHS_INTCO_LOGISTICS` (LESHP Customizing for In-House Service(Intco Log))
  The following delivery types and output types that are required for transferring service objects are delivered with this BC set:

Delivery Type	Output Type
`LFS2` (Transfer Service Object - Outbound Delivery)	`LFS` (Outbound Delivery for In-House Service)
`ELS3` (Transfer Service Object - Inbound Delivery)	`ELS` (Inbound Delivery for In-House Service)

- `MM_IM_IHR` (Movement Types for In-House Service)

Once you have activated the BC sets, make the following settings in Customizing for *Service*:

1. In the *Define Profiles for Logistics Integration* Customizing activity, create a logistics profile and assign the steps required to launch the logistics processes for the service objects in the In-House Service apps. Make the following assignments required to transfer service objects to another service center. The movement types have been enhanced so that they can be used for the logistics integration in In-House Service:

Logistics-Related Step	Delivery Type	Movement Type
Transfer: Create Inbound Delivery	`ELS3` (Transfer Service Object - Inbound Delivery)	501
Transfer: Create Outbound Delivery	`LFS2` (Transfer Service Object - Outbound Delivery)	601

2. In the *Define Item Categories* Customizing activity, assign the logistics profile that you have defined in the *Define Profiles for Logistics Integration* Customizing activity to the item category that is used for service objects.

For more information about implementing the logistics process for In-House Service, see the *Integrate In-House Service with Inventory and Delivery Management* Customizing documentation in Customizing for *Service* under *In-House Service*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7GB (In-House Service)

Technical Object Name	App ID:
	`F7695`
	`F4025`

Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*) `LE-SHP` (*Delivery Management*) `MM-IM` (*Inventory Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Logistics Process for In-House Service Objects
Transfer Service Objects to Another Service Center
Post Service Objects to Customer Stock [page 931]

10.2.2.12 Post Service Objects to Customer Stock

Business Details

Previously, when launching the returns process for service objects in the *Manage In-House Services* (`F7695`) and *Manage In-House Service Objects* (`F4025`) apps, the incoming service objects were posted to the sales stock (special stock indicator *Orders on Hand* / **E**). You can now post the service objects to the special stock indicator *Customer Stock* (**B**), if you've specified this in Customizing.

Service objects for which the logistics process is launched by creating an inbound delivery are posted to *Customer Stock* (**B**) by default.

The special stock indicator is displayed for the service object in the *Manage In-House Service Objects* app under *Logistics* > *Process Flow (Logistics)*.

Implementation Details

Customizing

To enable the posting of service objects to *Customer Stock* (**B stock**) when a returns order is created, specific settings in Customizing are required. These settings are grouped under the following Business Configuration Sets (BC sets):

- `LE_SHP_IHS_INTCO_LOGISTICS` (LESHP Customizing for In-House Service(Intco Log))
- `MM_IM_IHR` (Movement Types for In-House Service).

Service objects for which the logistics process is launched in customer returns have this special stock indicator *Orders on Hand* by default. However, you can specify the special stock indicator *Customer Stock* to be used if the logistics process is launched in customer returns. You do this in the following Customizing activities:

- Logistical follow-up activity `0027` (*Continue In-House Service*): *Specify Settings for Returns Orders as Follow-Up* in Customizing for *Service* under *Transactions* > *Settings for In-House Service*
- Logistical follow-up activity `0026` (*In-House Service*): *Specify Settings for In-House Service as Follow-Up Activity* in Customizing for *Sales and Distribution* under *Sales* > *Advanced Returns Management* > *Settings for Repair as Follow-Up Activity*

> **Note**
>
> If you specify the special stock indicator *Customer Stock* (**B stock**), the system uses the movement type `431` to transfer the stock from *Orders on Hand* to *Customer Stock* once the quality inspection has been performed successfully for the service object and its availability at the service center is set to *Received by Service Center*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7GB (In-House Service)

Technical Object Name	App ID:
	`F7695`
	`F4025`

Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*) `MM-IM` (*Inventory Management*) `LO-ARM` (*Advanced Returns Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025

Related Information

Logistics Process for In-House Service Objects

10.2.2.13 Specify Plant and Storage Location in Service Objects When Creating Returns Orders

Business Details

When creating a returns order for service objects in the *Manage In-House Services* (`F7695`) and *Manage In-House Service Objects* (`F4025`) apps, you can now specify the plant and the storage location to which the service object is posted. If you do not enter a plant and a storage location, the system uses the plant and storage location that have been configured for customer returns.

As soon as the service object has the availability *Received by Service Center*, the plant and the storage location are displayed for the service object in the *Manage In-House Service Objects* app under *Logistics*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7GB (In-House Service)

Technical Object Name	App ID:
	`F7695`
	`F4025`

Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*) `LO-ARM` (*Advanced Returns Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Transfer Service Objects to Another Service Center (Intracompany Transfer) [page 929]
Logistics Process for In-House Service Objects
Receive Service Objects Using Inbound Deliveries [page 934]

10.2.2.14 Receive Service Objects Using Inbound Deliveries

Business Details

When receiving service objects from customers, you can now launch the logistics process by creating an inbound delivery in the *Manage In-House Services* (`F7695`) and *Manage In-House Service Objects* (`F4025`) apps. Previously, it was only possible to launch the logistics process using the integration with customer returns.

The subsequent process steps that are required to post the service objects to the service center, are performed in Delivery Management (LE-SHP).

Service objects for which an inbound delivery is created, have the special stock indicator *Customer Stock* (**B stock**) assigned by default.

In the *Manage In-House Service Objects* app, the inbound deliveries, the subsequent logistics-relevant documents, and further logistics-related information, such as the plant, the storage location, the stock type, and the special stock indicator, are displayed on the *Manage In-House Service Objects* screen under *Logistics* > *Process Flow (Logistics)* and *General Data*.

Implementation Details

Customizing

To enable the integration of In-House Service with the processes for Inventory Management and Inventory (MM-IM), and Delivery Management (LE-SHP), several specific Customizing activities are required. These Customizing activities are grouped under the following Business Configuration Sets (BC sets):

- `LE_SHP_IHS_INTCO_LOGISTICS` (LESHP Customizing for In-House Service(Intco Log))
  The following delivery type and output type that is required for creating inbound deliveries for service objects is delivered with this BC set:

Delivery Type	Output Type
`ELS1` (Receive Service Object - Inbound Delivery)	`ELS` (Inbound Delivery for In-House Service)

- `MM_IM_IHR` (Movement Types for In-House Service)

Once you have activated the BC sets, make the following settings in Customizing for *Service*:

1. In the *Define Profiles for Logistics Integration* Customizing activity, create a logistics profile and assign the steps required to launch the logistics processes for the service objects in the In-House Service apps. Make the following assignment required to launch the logistics process when creating an inbound delivery. The movement type has been enhanced so that it can be used for the logistics integration in In-House Service:

Logistics-Related Step	Delivery Type	Movement Type
Receive from Customer: Create Inbound Delivery	`ELS1` (Receive Service Object - Inbound Delivery)	`501`

For more information about implementing the logistics-related process steps in In-House Service, see the *Integrate In-House Service with Inventory and Delivery Management* Customizing documentation in Customizing for *Service* under *In-House Service*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7GB (In-House Service)

Technical Object Name	App ID:
	`F7695`
	`F4025`

Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*) `LE-SHP` (*Delivery Management*) `MM-IM` (*Inventory Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Logistics Process for In-House Service Objects
Manage Inbound Deliveries for Service Objects

10.2.2.15 Report *Update of Logistics Information in Existing Service Objects*

Business Details

For service objects, for which the in-house service process has been launched in an earlier release than SAP S/4HANA or SAP S/4HANA Cloud Private Edition 2025 and continues in the new release, the fields containing logistics information are not filled with data automatically. This leads to inconsistencies on the UI. In this case, you can use the report *Update of Logistics Information in Existing Service Objects* (`CRMS4_REPA_LOG_ATTR_MIGRATION`) to update the logistics information for existing service objects.

Logistics information in service objects contain the following fields:

- Plant
- Storage location
- Special stock indicator
- Stock type

Once the report is run, the number of updated service objects is displayed. For service objects that were not updated, the ID of the related in-house service and the service object ID are displayed.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7GB (In-House Service)
Technical Object Name	Report: `CRMS4_REPA_LOG_ATTR_MIGRATION`
Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Logistics Process for In-House Service Objects

10.2.2.16 Grouping of Subordinate Service Objects

Business Details

In the following apps, subordinate service objects are now grouped by their higher-level service objects. This gives you a better overview of the higher-level service objects and their subordinate service objects:

- In the *Manage In-House Services* (`F7695`) on the *Manage In-House Service Details* screen under *Service Objects*.
- In the list report for the *Manage In-House Service Objects* (`F4025`)
- *Manage Service Orders* (`TBT116QMSR`) in the *In-House Service Objects* assignment block
- *Manage Service Quotations* (`TBT116MSR`) in the *In-House Service Objects* assignment block

Within the grouping, the subordinate service objects are sorted by their service object number.

You can adjust the grouping and sorting in the column settings for the *Higher-Level Service Object* and the *Service Object* columns in the apps listed above. If you're grouping for higher-level service objects, make sure that the display of the *Service Object* column also displays the related subordinate service objects.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7GB (In-House Service)

Technical Object Name	App ID:
	`F7695`
	`F4025`
	`TBT116QMSR`
	`TBT116MSR`

Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*) `CRM-S4-SRV-SVQ` (*S4CRM: Service Quotation*) `CRM-S4-SRV-SVO` (*S4CRM: Service Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Customer Returns for Service Objects

10.3 Cross Topics

10.3.1 Predefined Launchpad Spaces for Obsolete SAP Business Roles in Service

Business Details

In SAP S/4HANA 2023 FPS02 and SAP S/4HANA Cloud Private Edition 2023 FPS02, the SAP business role *Service Manager* (SAP_BR_SERVICE_MANAGER) with the role ID R0362 has been introduced, which replaces the previously used SAP business roles in Service. As a result, the predefined launchpad spaces and the associated business catalog groups for the following SAP business roles have now been deleted:

- *Service Planner - Recurring Service* (SAP_BR_SERVICE_PLANNER)
- *Customer Service Manager - In-House Repair* (SAP_BR_CUST_SRVC_MGR_REPA)
- *Customer Service Representative - In-House Repair* (SAP_BR_CUST_SRVC_REP_REPA)
- *Service Technician - In-House Repair* (SAP_BR_CUST_SRVC_TEC_REPA)

For more information about the *Service Manager* SAP business role and the launchpad spaces and pages that are provided for this role, see the What's New *Consolidation of SAP Business Roles in Service* in the What's New Viewer for SAP S/4HANA 2023 FPS02 and SAP S/4HANA Cloud Private Edition 2023 FPS02.

Deletion of Pages and Spaces

The following table summarizes the changes relating to the individual page templates within the space template.

Name and ID of Deleted Launchpad Space	Name and ID of Deleted Launchpad Page	Name and ID of Replacing Launchpad Space
SAP_S4CRM_SP_SRVC_REPA_MGN (*Customer Service - Managing In-House Repairs*)	SAP_S4CRM_PG_REPA_MANAGE (*Managing of Repair Objects*)	*Service* (SAP_CRM_SP_SERVICE) *Service with Advanced Execution* (SAP_CRM_SP_SERVICE_ADVNCD_EXEC)
SAP_S4CRM_SP_SRVC_REPA_PLAN (*Customer Service - Planning In-House Repairs*)	SAP_S4CRM_PG_REPA_PERFORM (*Performing of Repairs*)	
SAP_S4CRM_SP_SRVC_REPA_PERF (*Customer Service - Performing In-House Repairs*)	SAP_S4CRM_PG_REPA_PLAN (*Planning of Repairs*)	

Name and ID of Deleted Launchpad Space	Name and ID of Deleted Launchpad Page	Name and ID of Replacing Launchpad Space
SAP_S4CRM_SP_RECURRING_SERVICE (*Recurring Service*)	SAP_S4CRM_PG_RECURRING_SERVICE (*Recurring Service Overview*)	

You can access detailed information about each launchpad space and page in the *Manage Launchpad Spaces* and *Manage Launchpad Pages* apps. For more information, see Managing Launchpad Spaces and Pages.

Deletion of Business Catalog Groups

The following business catalog groups have been deleted and will not be replaced:

- SAP_S4CRM_BCG_REPA_MGR (*Plan In-House Repairs*)
- SAP_S4CRM_BCG_REPA_REP (*Manage In-House Repairs*)
- SAP_S4CRM_BCG_REPA_TEC (*Perform In-House Repairs*)
- SAP_S4CRM_BCG_ANA_SERV (*Service Monitoring and Analytics*)
- SAP_S4CRM_BCG_MSP_PROC (*Recurring Service with Advanced Execution*)
- SAP_S4CRM_BCG_SOLN_BSP_MAN (*Business Solution Portfolio*)
- SAP_SERV_BCG_EMP_CONTRACTS_T (*Service Contracts*)
- SAP_SERV_BCG_EMP_MD_T (*Service Master Data*)
- SAP_SERV_BCG_EMP_ORDERS_T (*Service Orders*)
- SAP_SERV_BCG_MPLAN (*Recurring Service*)
- SAP_SERV_BCG_SRVCPROFNL_MD_T (*Master Data*)
- SAP_SERV_BCG_SRVCPROFNL_OPS_T (*Operations*)
- SAP_S4CRM_BCG_MCSO_PROC (*Maintenance Service*)

For more information, see Best Practices for Managing Groups (Deprecated).

Technical Details

Type	Deleted
Functional Localization	No localization

Scope Item	41Z (Service Quotation and Order Management) 426 (Service Contract Management) 7GB (In-House Service) 6AU (Service with Advanced Execution) 6F1 (Recurring Services with Advanced Execution) 7GA (Recurring Services) 7GC (Service – Intercompany Execution) 7GD (Service Parts Logistics and Procurement) 7GE (Service – Workforce Procurement

Technical Object Name	Business catalog group:
	`SAP_S4CRM_BCG_REPA_MGR`
	`SAP_S4CRM_BCG_REPA_REP`
	`SAP_S4CRM_BCG_REPA_TEC`
	`SAP_S4CRM_BCG_ANA_SERV`
	`SAP_S4CRM_BCG_MSP_PROC`
	`SAP_S4CRM_BCG_SOLN_BSP_MAN`
	`SAP_SERV_BCG_EMP_CONTRACTS_T`
	`SAP_SERV_BCG_EMP_MD_T`
	`SAP_SERV_BCG_EMP_ORDERS_T`
	`SAP_SERV_BCG_MPLAN`
	`SAP_SERV_BCG_SRVCPROFNL_MD_T`
	`SAP_SERV_BCG_SRVCPROFNL_OPS_T`
	`SAP_S4CRM_BCG_MCSO_PROC`

Application Component	`CRM-S4-ANA` (*Analytics*) `CRM-S4-IHR` (*In-House Repair*) `CRM-S4-SRV` (*Service Management*) `CRM-S4-SOL` (*Solution*) `CRM-S4-MD` (*Master Data*) `CRM-S4-SRV-CTR` (*Service Contract*) `CRM-S4-SRV-MNO` (*Service with Advanced Execution*) `CRM-S4-SRV-MNP` (*Planned Recurring Service*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Valid as Of	2025

Related Information

Managing Launchpad Spaces and Pages

10.3.2 Editable Fields in Output Control

Business Details

You can now edit fields under *Output Control* in service orders, service quotations, service contracts, and solution quotations. Previously, these fields were read-only. This feature allows you to customize output settings for service transactions to meet specific needs, for example, to edit the output queue.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management) 426 (Service Contract Management) 4Q5 (Solution Quotation)

Technical Object Name	App ID:
	`TBT116QMSR`
	`TBT116MSR`
	`F3763`

Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*) `CRM-S4-SRV-CTR` (*S4CRM: Service Contract and Quotation*) `CRM-S4-SRV-SVQ` (*S4CRM: Service Order Quotation*) `CRM-S4-SOL-SQ` (*S4CRM: Solution Quotation Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Related Information

Output Management

10.3.3 Profit Center Reorganization in Service

Business Details

This feature supports profit center reorganization in service transactions to align with organizational changes that take place in your company. During the reorganization process, profit centers and/or segments are reassigned and their stocks or balances are reposted to the new organizational entities.

You can use the *Manage Organizational Changes* app to handle profit center changes. When you enter a new organizational change in the app, the system collects all objects that are affected by the organizational change, each with an old and new profit center, and updates the profit center in the collected objects.

Dependent objects of a service transaction that inherit its profit center are also collected. These objects include the following:

- Sales document items
- Purchase document items
- Maintenance orders
- Service order items assigned to service contract items with financial hierarchy

This means that the system collects all dependent objects and reassigns them to the new profit center of the related service transaction item. Service orders that are assigned to service contracts with financial hierarchy are treated as dependent objects of the service contract item.

> **Note**
>
> You can include all service transaction items in the reorganization except the following:
>
> - Items assigned to a service contract item with financial hierarchy
> - Subitems in a service hierarchy with collective accounting
> - Price items

Once a service transaction is affected by the profit center reorganization, it's no longer possible to edit its profit center in the *Manage Service Orders* or *Manage Service Contracts* apps.

For more information, see Organizational Changes in Accounting [page 194].

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management) 426 (Service Contract Management)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*) `CRM-S4-SRV-CTR` (*S4CRM: Service Contract and Quotation*) `CRM-S4-SRV-SVQ` (*S4CRM: Service Order Quotation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Organizational Changes in Accounting [page 194]
Scope for Profit Center Reorganizations
Service Document Items
Business Add-Ins for Profit Center Reorganizations
Further Details about Dependent Objects

10.4 WebClient UI Framework

10.4.1 Accessibility Improvements

With this feature, the WebClient UI based applications and controls are improved to be accessible by default. There was a personalization setting to enable screen reader mode but this setting is no longer needed and is now removed.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`CA-WUI-UI` WebClient UI
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

10.4.2 Advanced Search Pages Improvements

Business Details

The WebClient UI Advanced Search pages have been improved and aligned with Fiori guidelines. This includes variant management and an updated view of the search criteria. The new layout is enabled by default. In the Fiori launchpad integrated mode, the search criteria and values are saved in the Fiori launchpad app state and can be shared with other users using the URL or the *Share Menu* in the advanced search page toolbar.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`CA-WUI-UI` (*WebClient UI*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

More Information

For more information, see Advanced Search Pages with Fiori Layout

10.4.3 Custom Fields of Type Code List Based on CDS View With Multiple Key Fields in WebClient UI

Business Details

The custom fields of type *Code List Based on CDS Views* with multiple key fields are supported in WebClient UI applications.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-WUI-UI-CFD` (*Custom Fields in WebClient UI*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

10.4.4 Display Empty State Indicator

Business Details

The WebClient UI pages are enhanced in the display mode to show an empty state indicator in the form fields if they do not contain a value.

Technical Details

Type	Changed
Functional Localization	No location
Scope Item	Not applicable

Technical Object Name	Not applicable
Application Component	`CA-WUI-UI` WebClient UI
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

10.4.5 Integration With Microsoft Teams

WebClient UI Applications offer *Share Menu* in the object page and advance search page toolbar in Fiori launchpad integrated mode to enable the share features. Users can share via *E-Mail*, *Microsoft Teams* (if integration with *Microsoft Teams* is enabled) and *Save As Tile*.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`CA-WUI-UI` WebClient UI
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Integration with Microsoft Teams

10.4.6 Input Field With CDS View Based Value Help

Business Details

This feature enables the input field with CDS views based value help to be integrated into WebClient UI applications. This enables you to make selections as you type and receive real-time suggestions. Additionally, the dialog displays recently used items for quick access.

Implementation Details

This feature can only be enabled via the application adaptation as per Input Field With CDS View Based Value Help.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-WUI-UI` (*WebClient UI*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Input Field With CDS View Based Value Help

10.4.7 Upgrade of TinyMCE with Newer Version

Business Details

The TinyMCE editor used in WebClient UI apps has been upgraded to version 6.8. The new version is used as default. The supported features and functionality are the same as before. For more information, see SAP Note 3369044.

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-WUI-UI` (*WebClient UI*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

10.4.8 Navigation to Fiori Launchpad

Business Details

To navigate to the Fiori Launchpad (FLP) UI from the WebClient UI Framework (WCF), you should now configure the mapping between UI object type, object action, semantic object, semantic action, and related parameters in the *Define FLP Navigation Parameter Mapping* Customizing activity.

Implementation Details

Customizing

You can find the *Define FLP Navigation Parameter Mapping* Customizing activity using the following path:
Service > *UI Framework* > *Technical Role Definition* > *Define FLP Navigation Parameter Mapping*

Effects on Existing Data

This Customizing activity is the successor of the *Define Parameter Mapping* Customizing activity. The *Define Parameter Mapping* Customizing activity is no longer available. The maintenance view `CRMS4V_FIORI_NAV` can still be accessed.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Not applicable
Application Component	`CA-WUI-UI` (*WebClient UI*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

11 Sourcing and Procurement

11.1 Generic Features

11.1.1 Customizing and Business Add-Ins for Sourcing and Procurement

Business Details

This topic gives you an overview of all new or changed Customizing activities and Business Add-Ins (BAdIs) available with SAP S/4HANA 2025.

New and Enhanced Customizing Activities and Business Add-Ins

Extensibility Type	Object Type	Application Component	Technical Name	Description	Change Type	Change Details	Additional Information
Key User extensibility	BAdI	MM-IV-LIV	MMIV_IC_MAPPING	Intercompany: Change Invoice Data After Standard Mapping	Changed	Fields added	The BAdI has been enhanced with the following new fields under **HEADERCHANGES**: • StateCentralBankPaymentReason • BPBankAccountInternalID • PaymentMethod • BusinessSectionCode • BusinessPlace • ExchangeRate

Extensibility Type	Object Type	Application Component	Technical Name	Description	Change Type	Change Details	Additional Information
Developer extensibility Key user extensibility	CDS View	MM-IV-LIV	I_SuplrInvcItemPurOrdRefAPI01	Purchase Order Reference of Supplier Invoice	Changed	Fields added	The following fields have been added: • RSEG.EREKZ (IsFinallyInvoiced), indicates the final invoice. • RSEG.MEINS (StockUnit), specifies the base unit of measure.
Developer extensibility Key user extensibility	CDS View	MM-IV-LIV	I_SupplierInvoiceAPI01	Supplier Invoice	Changed	Fields added	The following field has been added: • RBKP-CPUTM (CreationTime), specifies the time of entry.

Extensibility Type	Object Type	Application Component	Technical Name	Description	Change Type	Change Details	Additional Information
Developer extensibility Key user extensibility	BAdI	MM-PUR-VM-REC	ME_INFORECORD_ENRICH	Excel Upload: Enrich Purchasing Info Record	New	--	You can use this BAdI to determine whether an info record that is created using the Excel upload in the *Mass Changes to Purchasing Info Record* app should not be enriched with attributes from the supplier master data or purchasing value key.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Application Component	See the Overview of Changes in Extensibility Objects table
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

11.1.2 Aggregation of Lean Service - Related Purchase Order History Items

Business Details

This feature enables you to include lean service standard items as well as enhanced limit items in transaction `ME87`(*Summarization and Removal of PO History Records*).

However, there are certain restrictions on using the RM06EKBE report:

- Parked invoices will not be included in the aggregation.
- Blocked invoices will not be included in the aggregation.
- Aggregation will not occur if the GR quantity and invoice quantity don't match.
- Unapproved SES will not be aggregated.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Program Name: `RM06EKBE` (*Summarization and Removal of PO History Records*)
Application Component	`MM-PUR-PO` (*Purchase Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

11.1.3 Allow Posting of Non-Valuated Good Receipts to Service Entry Sheets

Business Details

This feature enables you to allow posting of non-valuated good receipts to Service Entry Sheets (SES).

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	Transaction: `ME23N` (*Display Purchase Order*)

Application Component	`MM-PUR` (*Purchasing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

11.1.4 Migration of Service Master to Product Service Master in SAP S/4 HANA

Business Details

This feature enables you to transition from using MM-SRV in SAP S/4HANA to the Lean Service Product model.

By running the *Schedule Service Master Conversions* app , your existing Service Master data is converted into the Lean Service Product format. This ensures that your data aligns with SAP S/4HANA's structural requirements and supports a smooth migration for existing customers.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8759` (*Schedule Service Master Conversions*)
Application Component	`MM-SRV` (*Service*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Schedule Service Master Conversion

11.1.5 Migration of Service-Based Purchase Orders to Lean Services in SAP S/4HANA

Business Details

This feature enables you to close existing service-based purchase orders created using legacy tables and create new purchase orders in the Lean Services format. The *Schedule Purchase Order Conversions* app supports customers transitioning from MM-SRV to Lean Services, especially those who have migrated from SAP ERP to SAP S/4HANA.

> **Note**
>
> Lean Services is SAP's strategic model for Service Procurement going forward. While MM-SRV remains available, it will no longer receive functional enhancements.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8760` (*Schedule Purchase Order Conversions*)
Application Component	`MM-SRV` (*Service*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Schedule Purchase Order Conversions

11.1.6 Migration of Service-Based Purchasing Contracts to Lean Contracts in SAP S/4 HANA

Business Details

This feature enables you to migrate service-based purchasing contracts from MM-SRV to Lean Contracts in SAP S/4HANA using the *Schedule Purchase Contract Conversions* app. Based on your input, you can choose whether the migrated contracts are created as hierarchical structures or as flat item lists.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8761` (*Schedule Purchase Contract Conversions*)
Application Component	`MM-SRV` (*Service*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Schedule Purchase Contract Conversions

11.1.7 Mapping MM-SRV Document Types to Lean Services

Business Details

This feature enables you to define a mapping between classic MM-SRV document types and their corresponding Lean Service document types in SAP S/4HANA .

This mapping is essential for the automated conversion of Purchase Orders (PO) and Contracts during system migration. When maintained, the conversion program uses the mapping to assign the appropriate Lean Service document type. If no mapping is found, the process logs an error and skips the affected document, requiring manual follow-up.

Technical Details

Customizing

You can find this Customizing Activity *Map Document Types for Conversion of Purchasing Documents to Lean Services* customizing for *Materials Management* under *Purchasing* > *Service Procurement - Lean Services*.

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`MM-SRV` (*Service*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

11.1.8 WBS Element Available in Service Entry Sheet Upload Template

This feature enables you to input the WBS Element directly in the Service Entry Sheet (SES) upload template instead of the internal WBS Element ID number.

Technical Details

Customizing

You can use the Customizing activity **Activate Import of Service Entry Sheets for Specific Users** to add the user ID. To set up this functionality, you can find the Customizing activity in the *Materials Management* section under *Purchasing* > *Service Entry Sheet - Lean Services* > *Activate Import of Service Entry Sheets for Specific Users*.

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable

Application Component	`MM-PUR-SVC-SES` (*Service Entry Sheet for Service Procurement*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

11.2 APIs for Integration with Sourcing and Procurement

11.2.1 Purchase Order - OData V4

Business Details

An additional parameter has been introduced in the entity *Item* of the OData V4 API **Purchase Order** (`PurchaseOrder`).

The new parameter in the entity **Item** (`PurchaseOrderItem`) is:

Parameter	Description
IsToBeAcceptedAtOrigin	Specifies whether the ordered goods are to be accepted at the point of origin (that is, on the supplier's premises).

To support the **Enhanced Returns to Supplier** process, two additional entities have been introduced for the OData V4 API **Purchase Order** (`PurchaseOrder`).

The new entities are:

Entity	Description
`PurchaseOrderItemReturn`	Return Purchase Order Item
`NumberOfNextPlants`	Process Next Plants for Purchase Order Item Returns

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_PURCHASEORDER_2`

Application Component	`MM-PUR` (*Purchasing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Item
Item Return
Next Plant

11.2.2 New Fields for Service Entry Sheet (Lean Services) API

Business Details

This feature enables you to use the two new service-related fields *Budget Period* and *Grant ID* in the *Service Entry Sheet (Lean Services)* API.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API _ SERVICEENTRYSHEET`
Application Component	`MM-PUR-SVC-SES` (*Service Entry Sheet for Service Procurement*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Account Assignment

11.2.3 APIs in Product Sourcing

Business Details

With this release, new fields are available in the `SourcingProjectItem`, `SrcgProjQtnItem`, `SrcgProjDemandDistribution`, `SrcgProjDmndDistrDetails`, `SrcgProjQtnDmndDistr`, and `SrcgQtnProjDmndDistrDetails` APIs.

The following table lists the new fields available in the respective APIs:

API	New Fields
SourcingProjectItem	• ItemWeightUnit • ItemVolumeUnit
SrcgProjQtnItem	• ItemWeightUnit • ItemVolumeUnit • ItemNetWeight • ItemGrossWeight • ItemVolume • TotalItemNetWeight • TotalItemGrossWeight • TotalItemVolume
SrcgProjDemandDistribution	RequestedCommitmentPeriod
SrcgProjDmndDistrDetails	MaximumRequestedPeriodQuantity
SrcgProjQtnDmndDistr	RequestedCommitmentPeriod
SrcgProjQtnDmndDistr	• RequestedCommitmentPeriod • MaximumOfferedPeriodQuantity • MaximumRequestedPeriodQuantity

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4RD* (Direct Material Sourcing)

Technical Object Name	API:
	`SourcingProjectItem`
	`SrcgProjQtnItem`
	`SrcgProjDemandDistribution`
	`SrcgProjDmndDistrDetails`
	`SrcgProjQtnDmndDistr`
	`SrcgQtnProjDmndDistrDetails`

Application Component	`MM-PUR-SRC-SP` (*Sourcing Project*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

APIs for Sourcing and Procurement

11.3 Sourcing and Contract Management

11.3.1 Product Sourcing

11.3.1.1 Manage Sourcing Projects

Business Details

With this release, using either the *Manage Sourcing Projects* app (`F4861`) or the *Manage Sourcing Projects - New Version* app (`F4861A`), sourcing managers can:

- Load the data from an existing sourcing project to a new or another existing sourcing project.
- Add the following additional details for sourcing project items:
  - Unit of volume
  - Unit of weight
  - Requested commitment period
  - Maximum requested quantity per period

When these details are specified in a sourcing project, the suppliers are prompted to provide additional details for the items that they include in the quotations. For example, if unit of volume is specified for sourcing project

items, the suppliers can include additional details like net weight of an item, gross weight of an item, total net weight of all items, and total gross weight of all items in the quotation.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4RD* (Direct Material Sourcing)

Technical Object Name	App ID:
	`F4861`
	`F4861A`

Application Component	`MM-PUR-SRC-SP` (*Sourcing Project*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

> **Note**
>
> *Please note that you might require an additional license to use the features that are part of the SAP S/4HANA capability for Product Sourcing.

Related Information

Manage Sourcing Projects

11.3.1.2 Manage Sourcing Projects (New Version)

Business Details

With this release, a new app *Manage Sourcing Projects - New Version* (`F4861A`) is available. It is the OData V4 version of the *Manage Sourcing Projects* app (`F4861`) and offers the latest technology in terms of accessibility, usability, security, data protection and privacy requirements, and performance.

Implementation Details

By default, the new app is not available on the Product Sourcing page, as the OData V2 version app *Manage Sourcing Projects* (`F4861`) continues to be available. However, the new app is a part of the `Purchasing - Sourcing Project Management` catalog and can be added to the Fiori launchpad.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4RD* (Direct Material Sourcing)
Technical Object Name	App ID: `F4861A`
Application Component	`MM-PUR-SRC-SP` (*Sourcing Project*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Sourcing Projects (New Version)

11.3.1.3 Mass Maintenance of Items in Manage Sourcing Projects (New Version)

Business Details

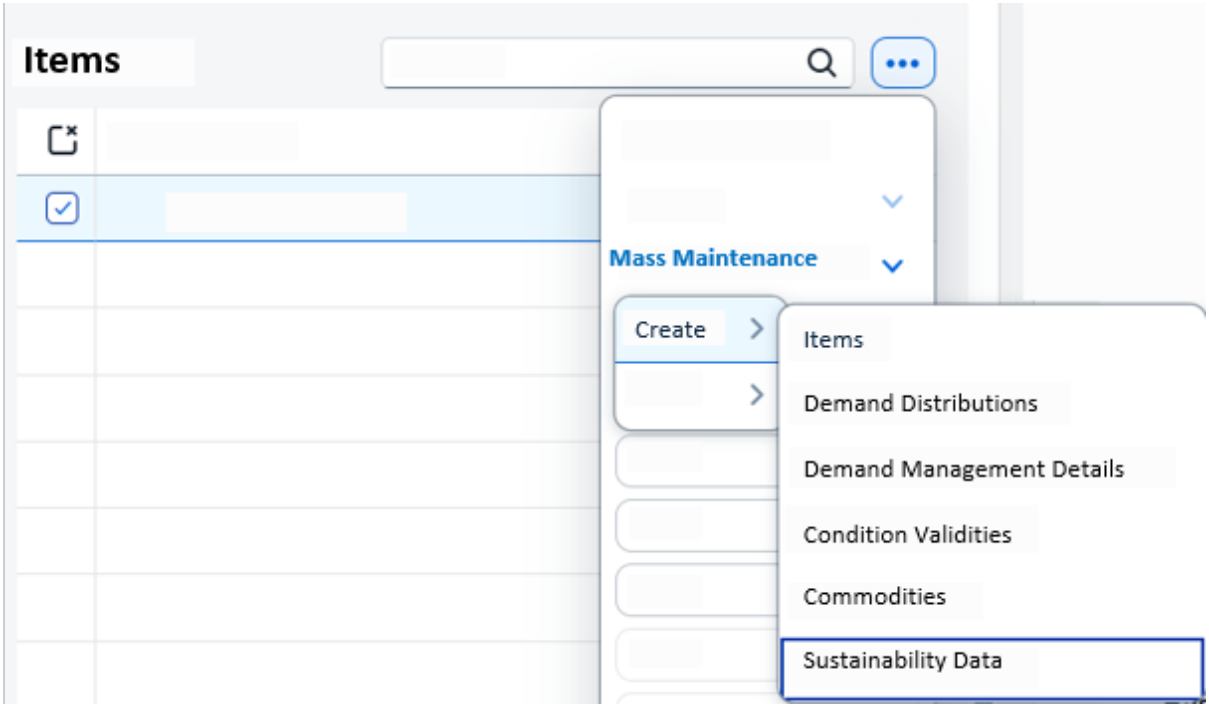
With this release, using the *Mass Maintenance* menu in the *Items* section of the *Manage Sourcing Projects - New Version* app, sourcing managers can:

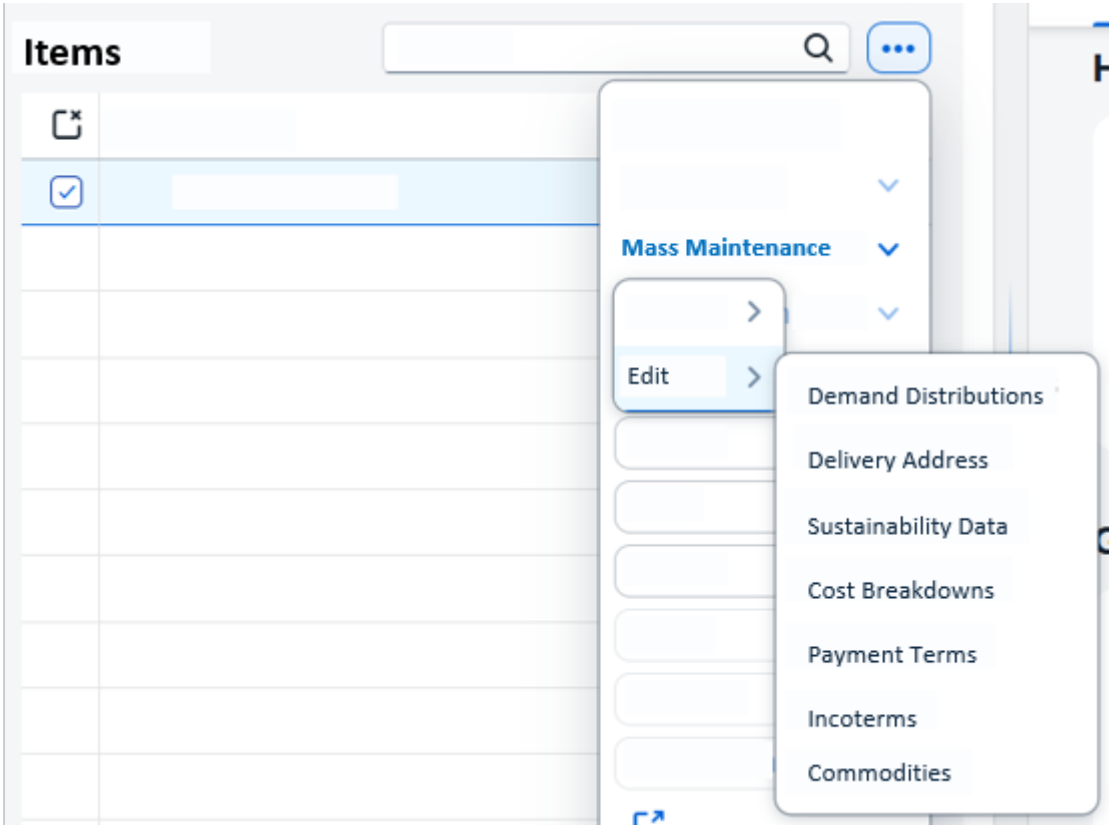
- Create:
  - Items (item set, project item, standard item, invest item)
  - Demand distributions
  - Demand management details
  - Condition validities
  - Commodities

    - Sustainability data
- Edit:
    - Demand distributions
    - Delivery address
    - Sustainability data
    - Cost breakdowns
    - Payment terms
    - Incoterms
    - Commodities

Examples of the User Interface

> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.





Technical Details

Type	New
Functional Localization	No localization
Scope Item	4RD* (Direct Material Sourcing)
Technical Object Name	App ID: `F4861A`
Application Component	`MM-PUR-SRC-SP` (*Sourcing Project*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Sourcing Projects (New Version)

11.3.1.4 Situation Templates for Manage Sourcing Projects (New Version)

Business Details

With this release, the following new situation templates are available for the *Manage Sourcing Projects - New Version* app:

- Supplier Quotation Created - New Version (`PROC_SRCGPROJQTNCREATEDNOTIFY_2`)
- Supplier Quotation Submitted - New Version (`PROC_SRCGPROJQTN_SUBMITTED_2`)
- Low Number of Received Quotations - New Version (`PROC_SRCGPROJLOWNUMBEROFQTN_2`)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4RD* (Direct Material Sourcing)

Technical Object Name	App ID:
	`F4861A`
	Situation Template:
	`PROC_SRCGPROJQTNCREATEDNOTIFY_2`
	`PROC_SRCGPROJQTN_SUBMITTED_2`
	`PROC_SRCGPROJLOWNUMBEROFQTN_2`

Application Component	`MM-PUR-SRC-SP` (*Sourcing Project*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Supplier Quotation Created (New Version)
Supplier Quotation Submitted (New Version)
Low Number of Received Quotations (New Version)

11.3.1.5 Manage Supplier Quotations (Sourcing Project)

Business Details

With this release, sourcing managers can collect additional details on the items to be sourced from the suppliers. The suppliers can provide the details in the quotations that they submit and the sourcing managers can then view the details using the *Manage Supplier Quotations - Sourcing Projects* app (F4862).

The following additional details can be sought from the suppliers:

- Unit of weight
- Unit of volume
- Net weight
- Gross weight
- Total net weight
- Total gross weight
- Volume
- Total volume
- Planned delivery time in days
- Requested commitment period
- Maximum quantity offered by the supplier in the unit time period
- Maximum quantity requested in the unit time period

> **Note**
>
> The weight-related fields are available only if the unit of weight is specified for the relevant items in the sourcing project, and the volume-related fields are available only if the unit of volume is specified. Also, the availability of some of the fields depends on the type of the relevant items.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4RD* (Direct Material Sourcing)
Technical Object Name	App ID: F4862
Application Component	MM-PUR-SRC-SP (*Sourcing Project*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

> **Note**
>
> *Please note that you might require an additional license to use the features that are part of the SAP S/4HANA capability for Product Sourcing.

Related Information

Manage Supplier Quotations (Sourcing Project)

11.3.1.6 Key User Extensibility in Product Sourcing

Business Details

With this release, key users can implement custom determinations and validation for the released RAP business objects using the *Custom Logic* app.

The update is applicable for the following among the other business objects:

- Sourcing Project (I_SOURCINGPROJECTTP)
- Sourcing Project Quotation (I_SOURCINGPROJECTQUOTATIONTP)
- Awarding Scenario in Sourcing Project (I_SRCGPROJAWARDINGSCENARIOTP)
- Procurement Project (I_PROCUREMENTPROJECTTP)

Implementation Details

The business objects should be registered in the BDEF Extension registry to be enabled for this functionality.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4RD* (Direct Material Sourcing)

Technical Object Name	Business Object Interface:
	`I_SOURCINGPROJECTTP`
	`I_SOURCINGPROJECTQUOTATIONTP`
	`I_SRCGPROJAWARDINGSCENARIOTP`
	`I_PROCUREMENTPROJECTTP`

Application Component	`MM-PUR-SRC-SP` (*Sourcing Project*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

> **Note**
>
> *Please note that you might require an additional license to use the features that are part of the SAP S/4HANA capability for Product Sourcing.

Related Information

Key User Extensibility
Determinations
Validations

11.3.1.7 CDS Views in Product Sourcing

Business Details

With this release, a new CDS view `I_SPItmDmndDistrReqdCmtmtPerd` is available. This CDS view provides data on the commitment period requested by the sourcing manager to fulfill a demand.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4RD* (Direct Material Sourcing)

Technical Object Name	CDS View: `I_SPItmDmndDistrReqdCmtmtPerd`
Application Component	`MM-PUR-SRC-SP` (*Sourcing Project*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Requested Commitment Period in Product Sourcing

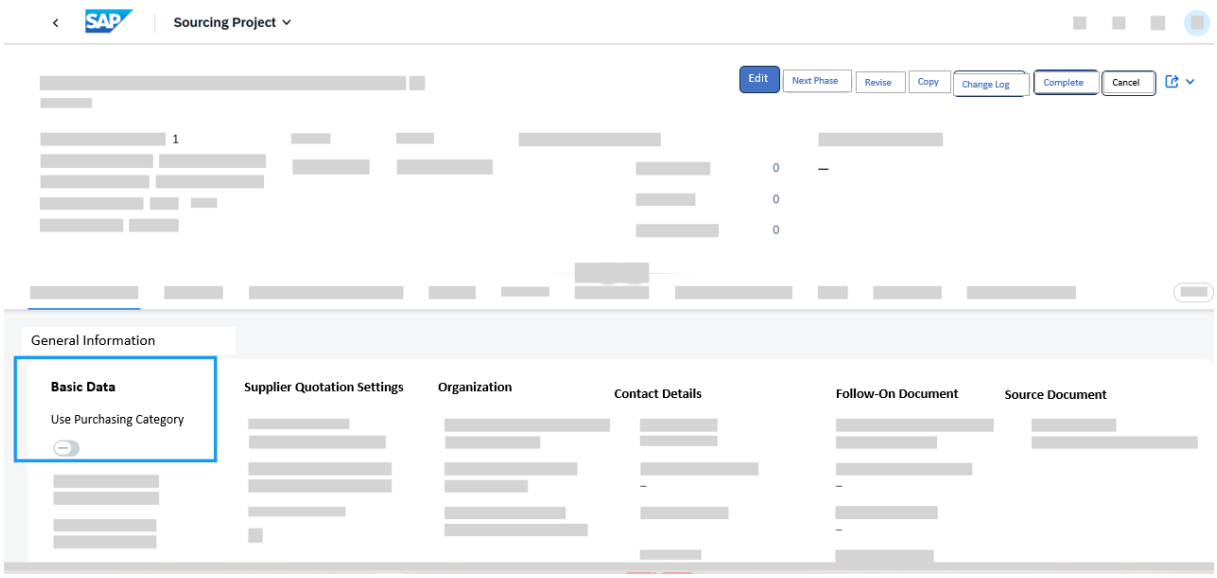
11.3.1.8 Purchasing Category in Product Sourcing

Business Details

With this feature, you can enable the use of purchasing category in the creation of a sourcing project. You can define preferred supplier lists using purchasing category, and company code. Sourcing projects created using purchasing category can update supplier lists for matching purchasing category and company code. Additionally, you can also specify the value for *Purchasing Organization* while working with supplier lists.

Examples of the User Interface

> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.



Implementation Details

In the *Manage Sourcing Projects* app, in your sourcing project, under *General Information* > *Basic Data*, enable the toggle for *Use Purchasing Category*.

Effects on Existing Data

When you use purchasing category during the creation of a sourcing project, the *Material Group* field becomes a read-only field. If relevant, the material groups for a selected purchasing category is displayed in that field.

Authorizations

To be able to use purchasing category in your sourcing project, the following authorization objects must be assigned to your user:

Authorization Object	Description
`M_SUPLPPUC`	Use this authorization object to grant authorizations to an end user.
`M_SUPL_PUC`	Use this authorization object to grant authorizations to users who are regional officers.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4RI (Preferred Supplier List)
Technical Object Name	`App ID: F4333`
Application Component	`Supplier List` (*MM-PUR-SRC-SL*), `Sourcing Supplier List` (*MM-PUR-SRC-SSL*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

How to Create a Sourcing Project
Working With Preferred Supplier Lists

11.3.1.9 Manage Renegotiations

Business Details

The *Manage Renegotiations* app now supports the processing of renegotiations in an asynchronous mode, if the number of line items in a renegotiation exceeds a specific threshold, based on your configured settings. Additionally, you can also create renegotiations with multiple pricing conditions and with negative values for planned savings.

Changes to User Interface

If a renegotiation is processed in an asynchronous manner, new statuses are available for the renegotiation, such as *Award in Error*, *Award in Progress*, *Discard in Error*, and *Discard in Progress*.

Implementation Details

To enable asynchronous processing of renegotiations, you should perform the following customizing activity in your configuration environment. Go to *Purchasing* > *Renegotiations*. Execute the customizing activity *Define Threshold Value for Asynchronous Processing*. In this step, you can define the threshold value for your renegotiations. If the number of items in your renegotiation exceeds the defined threshold value, the renegotiation will be processed in an asynchronous manner.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	6AN (Contract Price Renegotiation)
Technical Object Name	`App ID: F5714`
Application Component	`Central Contract Renegotiation` (*MM-PUR-HUB-CTR-NEG*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Renegotiations (Central Purchase Contracts)

11.4 Manage Purchase Contracts

Business Details

With this release, when you create a contract using the app F1600A *Manage Purchase Contracts (Version 2)*, the following new fields associated with the purchasing value key are available for creating free text items:

Under *Supplier Confirmation Control*:

- 1st Reminder/Expediter
- 2nd Reminder/Expediter
- 3rd Reminder/Expediter

Under *GR/ IR Control*:

- Acknowledgment Required
- Underdelivery Tolerance in %
- Overdelivery Tolerance in %
- Unlimited Overdelivery Allowed
- Shipping Instruction

This functionality equals the functionality of GUI transaction ME31K.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	n/a
Technical Object Name	`Not applicable`
Application Component	()
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

11.5 International Trade Compliance Checks for Purchase Orders and Scheduling Agreements

Business Details

International Trade compliance checks are integrated into the following documents:

- **Purchase Orders**
  - During the creation of the purchase order in ME21N or change of the purchase order in ME22N, dependent on the document type, the Trade Compliance checks are performed. If the result is a block in international trade, the purchase order will be blocked and the user will be informed. The status will be shown on header and item level in ME21N, ME22N, and ME23N on the *Compliance* tab.
  - If the purchase order is created or changed in the *Manage Purchase Orders* app, the Trade Compliance checks are also performed. If the result is a block in international trade, the purchase order will be blocked and the user will be informed. The status fields are not displayed in the app.
- **Purchase Scheduling Agreement**
  This feature enables the check of manually created schedule line items in ME38 by International Trade Management, dependent on the document type. In case an international trade block occurs, the scheduling agreement will be blocked, which is shown using the *Blocked Indicator* and the user will be informed.

New Status Fields on the UI

- The following new fields are available on header level on the *International Trade Management Compliance* tab or *Compliance* tab for the transactions ME21N, ME22N, ME23N, ME31L, ME32L, and ME33L.
  - Total Embargo Status
  - Total Screening Status
  - Total Legal Control Status

  On item level, the fields on the *International Trade Management Compliance* tab or *Compliance* tab are:
  - Embargo Status
  - Screening Status
  - Total Legal Control Status

Implementation Details

Customizing

For the *Purchase Order* and *Purchase Scheduling Agreement* business objects, the relevant document type must be activated for trade compliance in the *Activate Checks for Purchasing Documents* customizing activity.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`ME21N, ME22N, ME23N, ME31L, ME32L, ME33L, ME38, Manage Purchase Scheduling Agreements (F2179), Manage Purchase Orders (F0842a)`
Application Component	`MM-PUR-PO` (*Purchase Order*) `MM-PUR-OA-SCH` (*Scheduling Agreement*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

11.6 Operational Procurement

11.6.1 Self-Service Requisitioning

11.6.1.1 Reference Delivery Address

Business Details

With the app *My Purchase Requisitions - New*, you can now create purchase requisition items with delivery address of type *Reference*, where you can choose an address from a list of stored addresses. To do this, choose the *Address Type* as *Reference* in the *Delivery Address* section. Enter the *Delivery Address* by choosing a value from the value help.

> **Note**
>
> In the case of central requisitioning, the delivery address of type *Reference* is now available in hub systems with SAP S/4HANA 2022 SPS04 onwards or SAP S/4HANA 2023 onwards SAP S/4HANA 2025 as connected system.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	18J (Requisitioning), and 1XI (Central Requisitioning)

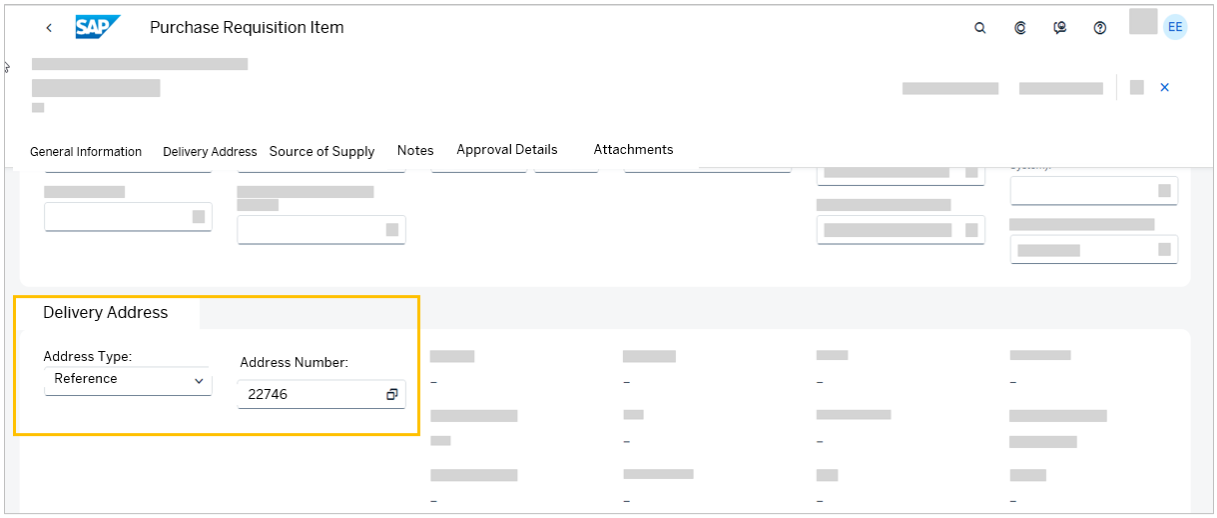
Technical Object Name	App ID:
	`F1639A`
	`F1643A`

Application Component	`MM-FIO-PUR-REQ-SSP` (*Self-Service Procurement*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Additional Details

> **Note**
>
> The screenshot is based on the default content and UIs. Depending on your configuration settings, the UI may be slightly different.

Choose the *Address Type* as *Reference* and enter the *Address Number*.



Related Information

My Purchase Requisitions - New

11.6.1.2 Order Acknowledgment and Advance Shipping Notification in Purchase Requisition

Business Details

With this feature, using the app *My Purchase Requisitions - New* you can now view the follow-on documents for a purchase requisition item such as *Order Acknowledgment*, which is a confirmation from a supplier to deliver specified quantities of products at specified prices within specified times, and *Advance Shipping Notification*, which contains information provided by the supplier about times of issue and receipt for specific quantities of ordered materials.

As an employee, in the **My Purchase Requisitions – New** app, you can now view the **Order Acknowledgment** and **Advance Shipping Notification** in the **Status Details** of the purchase requisition item.

For service items or enhanced limit, the order acknowledgment and advance shipping notification document is not supported and will not appear in the *Status Details*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	18J (Requisitioning) 1XI (Central Requisitioning
Technical Object Name	App ID: `F1639A`
Application Component	`MM-FIO-PUR-REQ-SSP` (*Self-Service Procurement*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

My Purchase Requisitions - New
Manage Purchase Requisitions - Professional

11.6.1.3 Confirm Receipt of Goods - New: Add Attachments

Business Details

With this feature, you can now attach files in the *Attachment* section of the *Confirm Receipt of Goods-New* application.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	18J (Requisitioning)
Technical Object Name	App ID:`F4489`
Application Component	`MM-FIO-PUR-REQ-SSP` (Self-Service Procurement)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Additional Details

To attach and view the files, you need to perform the following steps:

1. Open the *Confirm Receipt of Goods – New* app and select a purchase requisition.
2. Navigate to the *Attachments* tab, click *Upload*, and attach the required files.
3. After uploading, click *Confirm*.

After confirming, a material document is created. Using the material document ID, the attachments can be viewed in the *Post Goods Receipt* app using the `SAP_BR_WAREHOUSE_CLERK` and `SAP_BR_INVENTORY_MANAGER` business roles, and in the *Material Document Overview* app using the `SAP_BR_WAREHOUSE_CLERK` business role.

> **Note**
>
> This feature is applicable only for local self-service purchase requisitions and supports Generic Object Services (GOS) attachments.

Related Information

Confirm Receipt of Goods - New

11.6.2 Requirements Processing

11.6.2.1 Display Header Attachments for Purchase Requisition Items

Business Details

With this feature, you can display attachments on header level for purchase requisition items in the *My Inbox* app.

If you approve a purchase requision item using the *My Inbox* app, you can now directly display the attachments on header level (located in the GOS table) in addition to the attachments on item level (located in the DMS table) instead of navigating to the header as before.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	18J (Requisitioning)
Technical Object Name	
Application Component	`MM-PUR-REQ-WFL` (*Purchase Requisition Workflow*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

11.6.2.2 Add Purchase Requisition Items from Model Product Specification

Business Details

With the app *Manage Purchase Requisitions - Professional*, you can now use the *Items/Item Sets from MPS* option under *Create* to select and add items or items from an MPS. This option is only available if the

configuration has activated the item hierarchy function and you have switched on the *Hierarchy List* view in the purchase requisition items table.

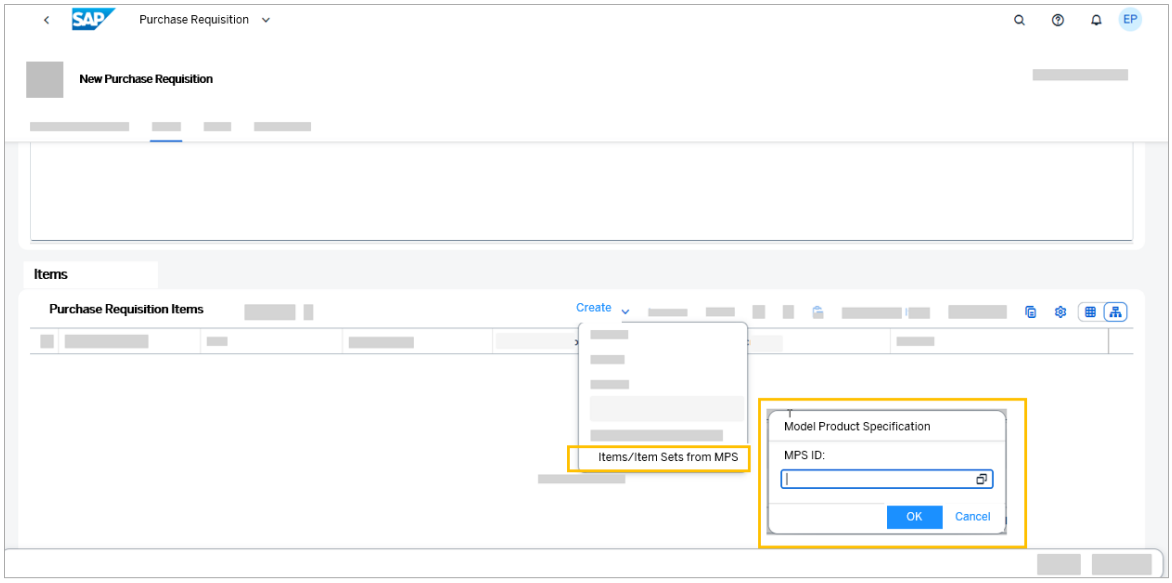
Technical Details

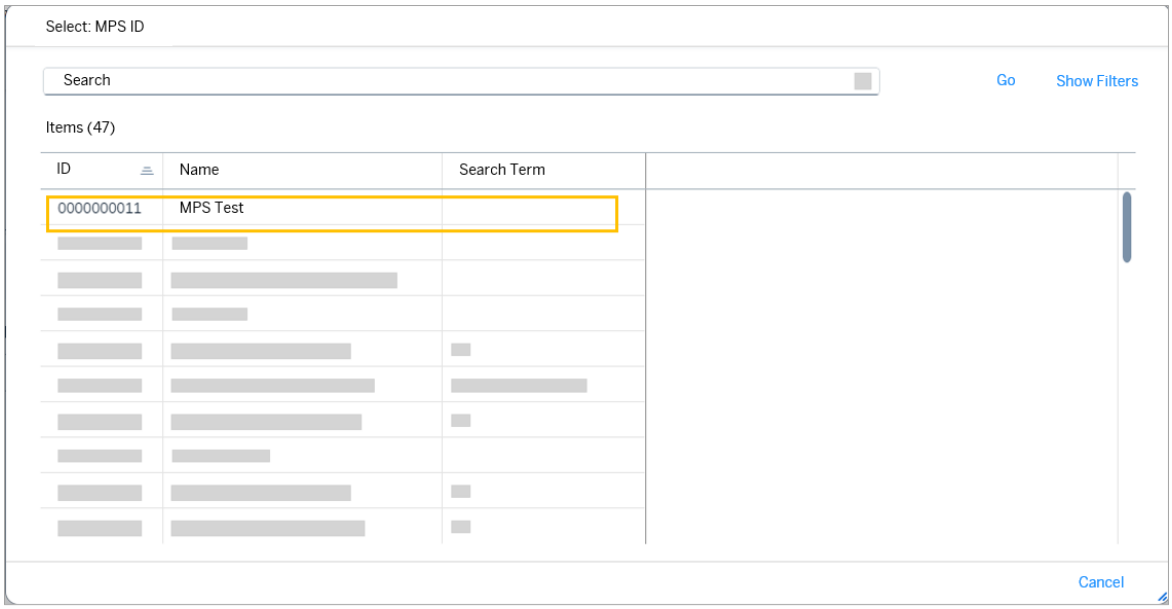
Type	New
Functional Localization	No localization
Scope Item	18J (Requisitioning), and BMD (Purchase Contract)
Technical Object Name	App ID: `F2229`
Application Component	`MM-PUR-REQ` (*Purchase Requisitions*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Additional Details

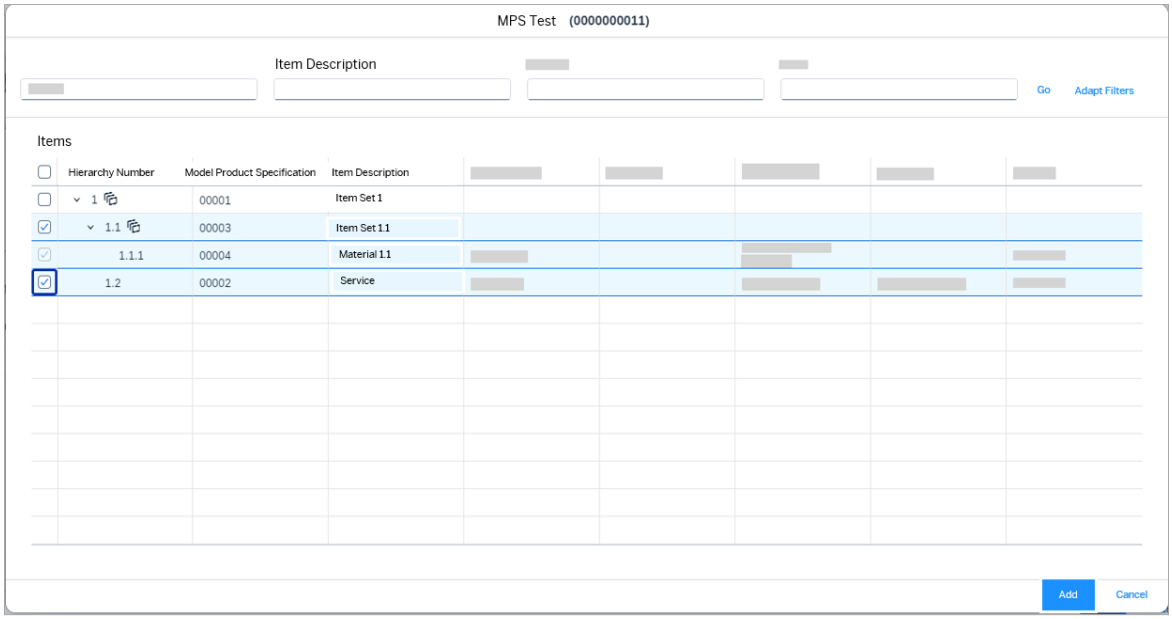
> **Note**
>
> The screenshots are based on the default content and UIs. Depending on your configuration settings, the UI may be slightly different.

- On choosing *Items/Item Sets from MPS* option under *Create*, you are prompted to enter or choose an MPS ID from the value help. The value help lists all the active model product specifications that are available in the *Manage Model Product Specifications* app.

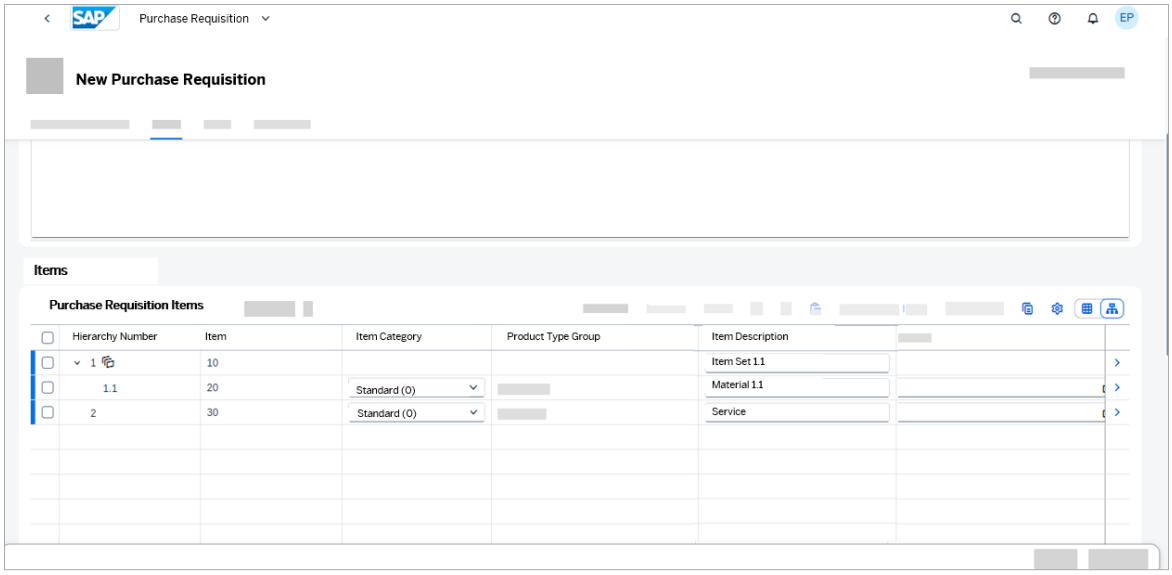




- On selecting an MPS ID and choosing *OK*, the items and item sets in that MPS are listed. You can then select the items and item sets that you want to add to the item table and choose *Add*.



- The selected items and item sets are now added to the purchase requisition items table.



> **Note**
>
> If you try to add more than 50 items from MPS, then there could be performance issues.

Effects on Configuration

In the standard system, the item hierarchy function is switched off by default. The configuration expert can activate the item hierarchy function using the configuration step *Activate Item Hierarchies in Purchasing* present under *Sourcing and Procurement* > *General Settings* > *Item Hierarchy*. Note that once the item hierarchy function is switched on, it cannot be turned off.

Related Information

Manage Purchase Requisitions - Professional

11.6.2.3 Non-Valuated Goods Receipt Supported in Purchase Requisitions

Business Details

This feature enables you to define in the purchase requisition (PR) whether the goods receipt (GR) for a service should be non-valuated. The setting is transferred to the purchase order (PO) and determines how the GR is handled when posting the Service Entry Sheet (SES).

> **Note**
>
> To enable the feature, the product type group under *Materials Data* must be set to **2**, as this functionality is only enabled for the *Service* tab and not for the *Materials* group.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`MM-PUR`(*Purchasing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

11.6.3 Purchase Order Processing

11.6.3.1 Create Purchase Order - Advanced

Business Details

With this release, Harmonized Document Management (HDM) can be used for attachments at purchase order header level. These attachments are available on the *Documents* tab.

Several attachment frameworks are available in the purchase order. On header level:

- *GOS* (Generic Object Service), are available at the top of the screen under: *Services for Object* > *Create Attachment*.

  > **Note**
  >
  > GOS attachments cannot be marked as external (SL1- that are passed to the supplier) or as internal (SL9-that are not passed on to the supplier) and cannot be output. They can be marked as restricted if Hamonized Document Management (HDM) is enabled for the *PURCHASEORDER* business object. This means that no new GOS attachments can be created. Existing GOS attachments are visible.

- *DMS* (Document Management Service), available when *HDM* (Harmonized Document Management) is activated. DMS attachments are available on the *Documents* tab. .

> **Note**
>
> Header attachments are not copied when copying a purchase order.
>
> Do not upload documents that contain personal data because the retrieval of attachments based on the document management system is not supported by the Information Retrieval Framework.

Technical Details

SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Type	New
Functional Localization	No localization

Scope Item	J45 (Procurement of Direct Materials, 2U1 (Customs Management with SAP Global Trade Services, BEV (Internal Order - Actual, J54 (Overhead Cost Accounting, 3JX (Preference Management with SAP Global Trade Services, BMY (Subcontracting, 1WC (Embargo Control, 1W8 (Legal Control, 1WE (Restricted Party Screening with SAP Watch List Screening, J82 (Automated Purchase-to-Pay with SAP Ariba Commerce Automation, 2XT (Central Purchasing, 2XU (Procurement of Materials with Variant Configuration, 1FS (Basic Warehouse Inbound Processing from Supplier, 1V9 (Basic Warehouse Inbound Processing from Supplier with Quality Management, 1Y2 (Demand-Driven Buffer Level Management, BMK (Return to Supplier, 1V5 (Warehouse Inbound Processing from Supplier with Batch Management
Technical Object Name	App ID: `ME21N`
Application Component	`MM-PUR` (*Purchasing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Create Purchase Order - Advanced (ME21N, ME22N, ME23N)

11.6.3.2 Manage Purchase Orders

Business Details

With this release, the following features are available:

- View *Carbon Footprint* (CO2e) values of a standard item
- The new field *Requisitioner* is included in the list of available fields and can be added to the line items table under *Settings*
- HDM (Harmonized Document Management) can be used for attachments on purchase order header level. These attachments are available in the section **Attachments**
- Carbon Footprint (CO2e)
  The CO2e footprint value of a standard item is available at the header level of the item details page when the business function *SAP Sustainability Footprint Management* is active and the purchase order is in display mode. In edit mode, when a material is selected via the material value help, the *CO2e Footprint* and *CO2e Footprint Unit* columns are displayed in the table displayed in the value help.

  > **Note**
  >
  > The CO2e footprint is displayed in the items table (standard item) of the **Purchase Order** app (App ID: F0348A), which can be accessed, for example, from the Enterprise Search in the SAP Fiori Launchpad

by entering a purchase order number. The CO2e footprint is also displayed in the **Display Purchase Order** app (App ID: F7117), which is the source for the purchase order details displayed in the **My Inbox** application.

- Requisitioner
  The *Requisitoner* field is an optional field and can be added from the list of available fields under *Settings*. It is then displayed in the item, limit item, and hierarchy item table. If the requester is entered in the purchase requisition, the details are copied to the purchase order. The field is editable.

  > ### Note
  >
  > If a requestor is maintained in the app *Manage Purchase Orders* the field is visible in the apps *Purchase Order* (App ID: F0348A), and *Display Purchase Order* (App ID: F7117). The apps *Puchase Order* and *Display Purchase Order* display contextual information about the Purchase Order business object using *Enterprise Search* or the *My Inbox* application.

- Attachments
  Several attachment frameworks are available in the purchase order. On header level:
  - GOS (Generic Object Service)

    > ### Note
    >
    > *GOS* attachments can be marked as restricted, if Hamonized Document Management (HDM) is enabled for the *PURCHASEORDER* business object. This means that no new GOS attachments be created. Existing GOS attachments are visible.

  - *DMS* (Document Management Service), available when *HDM* (Harmonized Document Management) is activated.

  > ### Note
  >
  > Header attachments are not copied when copying a purchase order.

- Account Assignment Categories
  Restriction has been reduced
  You can now use additional account assignment category types in the *Manage Purchase Orders* app instead of maintaining them in the *Manage Purchase Orders Advanced app (GUI)*. It is also possible to use self-defined account assignment category types.
- Returns Purchase Order
  You can now use the following fields of the advanced returns management for purchase orders in the *Manage Purchase Orders* app:
  - Follow-Up Activity
  - Supplier RMA Number
  - Replacement Material Required
  - Next Plant
  - Transshipment Plant (read-only)

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	J45 (Procurement of Direct Materials), J62 (Asset Accounting), 3UK (Inbound Storage Tank Management - Process Manufacturing), BMY (Subcontracting), 1W8 (Legal Control), J82 (Automated Purchase-to-Pay with SAP Ariba Commerce Automation), 2TW (Complementary Procurement Functions), BNX (Consumable Purchasing), 2TX (Direct Procurement with Inbound Delivery), 22K (External Workforce Procurement via SAP Fieldglass), 2NV (Guided Buying Capability with SAP Ariba Buying), 2XU (Procurement of Materials with Variant Configuration), 22Z (Procurement of Services), 2R7 (Purchasing Rebate Processing), 18J (Requisitioning), 2LG (Supplier Consignment), 1FM (Quality Management in Procurement),
Technical Object Name	App ID: `F0842A`
Application Component	`MM-FIO-PUR-PO` (*Fiori UI for Purchase Orders*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Purchase Orders

11.6.3.3 New Field: Contract Item For Limit

Business Details

With this release, the **Contract Item for Limit** field is available in the apps **Manage Purchase Orders** (App ID *F0842*) and **Create Purchase Order - Advanced** (App ID *ME21N*).

The **Contract Item for Limit** field can be left empty, content can be displayed, and changed in the limit item table and in the limit item details on the **Reference Objects** tab. In the *Limit Items* section, you create a limit item (enhanced limit) for services (product type group 2), define a limit (overall limit and expected value) and you enter the item number of the purchase contract item or use the value help in the **Purchase Contract Item for Limit** field. Make sure to add and complete the **Material Group** field under **Settings**. If an item set is selected in the *Contract Item for Limit* field, the material group of the purchase order item must match one

service limit item in the referenced item set. The field *Contract Item for Limit* is also printed on the purchase order outputs for SOAP and EDI channels.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	J45 (Procurement of Direct Materials), J62 (Asset Accounting), 3UK (Inbound Storage Tank Management - Process Manufacturing), BMY (Subcontracting), 1W8 (Legal Control), J82 (Automated Purchase-to-Pay with SAP Ariba Commerce Automation), 2TW (Complementary Procurement Functions), BNX (Consumable Purchasing), 2TX (Direct Procurement with Inbound Delivery), 22K (External Workforce Procurement via SAP Fieldglass), 2NV (Guided Buying Capability with SAP Ariba Buying), 2XU (Procurement of Materials with Variant Configuration), 22Z (Procurement of Services), 2R7 (Purchasing Rebate Processing), 18J (Requisitioning), 2LG (Supplier Consignment), 1FM (Quality Management in Procurement),
Technical Object Name	App ID: `F0842A`, App ID: `ME21N`
Application Component	`MM-PUR` (*Purchasing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Purchase Orders
Create Purchase Order - Advanced (ME21N, ME22N, ME23N)

11.6.4 Service Purchasing and Recordin

11.6.4.1 Changes in Manage Service Entry Sheets - Lean Services

Business Details

With this release, the following features are available:

Account Assignment Category Types - no Restriction

You can now use additional account assignment category types in the *Manage Service Entry Sheet - Lean Services* app, there is no restriction anymore.

Multiple Account Assignment for Enhanced Limit Lean Services

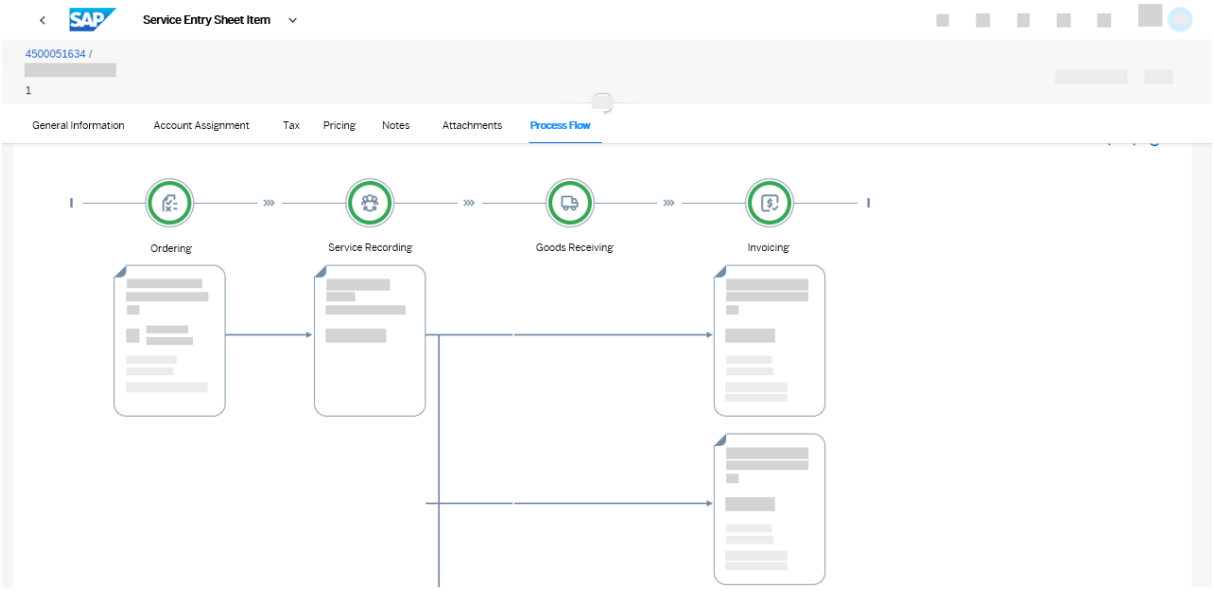
For limit purchase orders, and lean services ordered via these limit purchase orders, it is now possible to split the account assignment using the amount-based distribution.

Process Flow on Item Level

You can now access the process flow diagram for the items in a service entry sheet via the *Process Flow* section for each item.

The process flow diagram displays the preceding as well as follow-on documents of the service entry sheet item. You can also find links to the referenced documents.

Process flow displayed at the item level:



Implementation Details

Effects on Existing Data

The process flow is no longer available at the header level of the service entry sheet. You can instead view the process flow at the item level.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	22Z
Technical Object Name	App ID `F2027`
Application Component	`MM-PUR-SVC-SES` (Service Entry Sheet for Service Procurement)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Service Entry Sheets - Lean Services

11.7 Central Procurement

11.7.1 Central Requisitioning

11.7.1.1 Reference Delivery Address

Business Details

With the app *My Purchase Requisitions - New*, you can now create purchase requisition items with delivery address of type *Reference*, where you can choose an address from a list of stored addresses. To do this, choose the *Address Type* as *Reference* in the *Delivery Address* section. Enter the *Delivery Address* by choosing a value from the value help.

> **Note**
>
> In the case of central requisitioning, the delivery address of type *Reference* is now available in hub systems with SAP S/4HANA 2022 SPS04 onwards or SAP S/4HANA 2023 onwards SAP S/4HANA 2025 as connected system.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	18J (Requisitioning), and 1XI (Central Requisitioning)

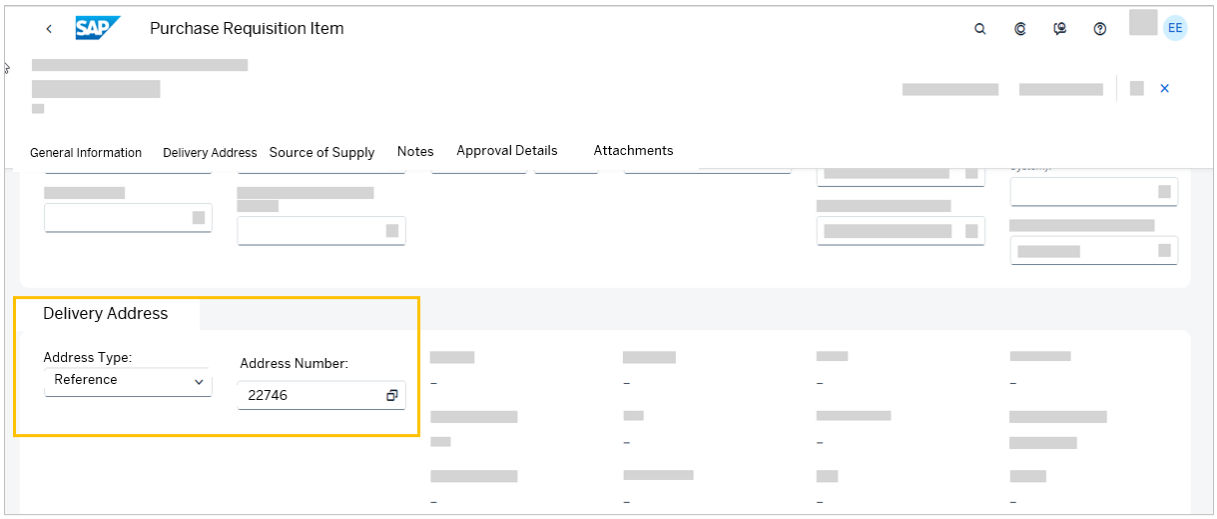
Technical Object Name	App ID:
	`F1639A`
	`F1643A`

Application Component	`MM-FIO-PUR-REQ-SSP` (*Self-Service Procurement*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Additional Details

> **Note**
>
> The screenshot is based on the default content and UIs. Depending on your configuration settings, the UI may be slightly different.

Choose the *Address Type* as *Reference* and enter the *Address Number*.



Related Information

My Purchase Requisitions - New

11.7.1.2 View Parked Invoice in the Status Details of a Purchase Requisition Item

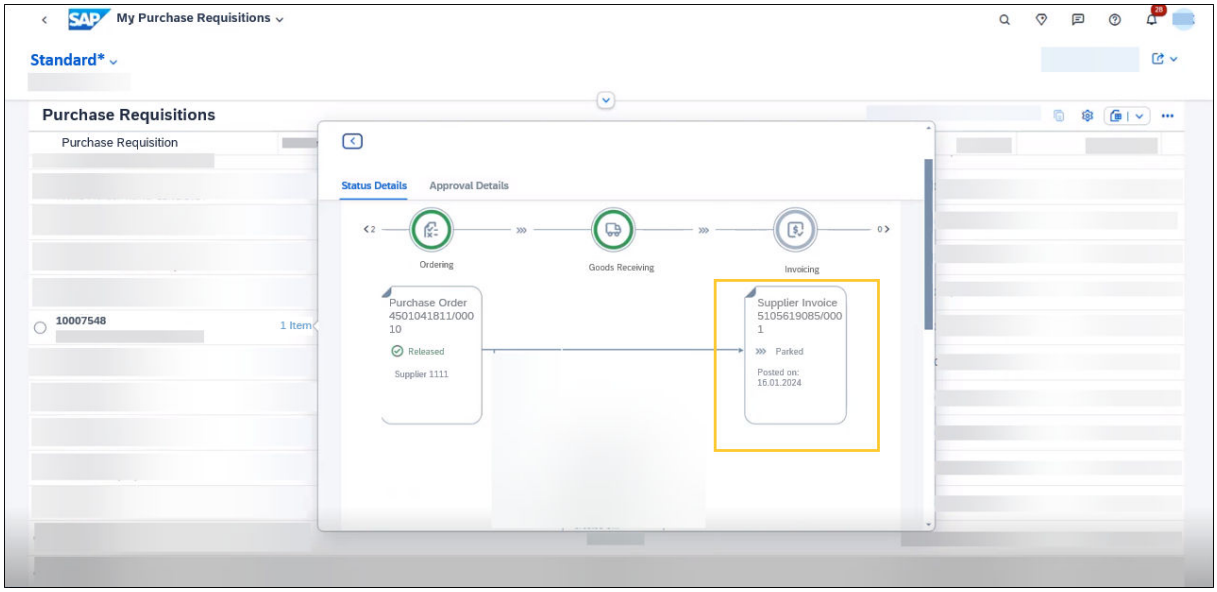
Business Details

This feature enables you to use the *My Purchase Requisitions – New* app to view the parked invoice as a follow-on document for the purchase requisition item

It can be viewed in the *Status Details* of the purchase requisition item. The parked invoice is a type of supplier invoice, where the already entered data is retained until the required information to post the invoice document is obtained.

Examples of the User Interface

> **Note**
>
> All screenshots are based on the default content and UI. Depending on your configuration settings, the UI may be slightly different.



Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	18J (Requisitioning) and 1XI (Central Requisitioning
Technical Object Name	App ID: `F1639A`
Application Component	`MM-FIO-PUR-REQ-SSP` (*Self-Service Procurement*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Park Supplier Invoices
My Purchase Requisitions - New

11.7.1.3 Order Acknowledgment and Advance Shipping Notification in Purchase Requisition

Business Details

With this feature, using the app *My Purchase Requisitions - New* you can now view the follow-on documents for a purchase requisition item such as *Order Acknowledgment*, which is a confirmation from a supplier to deliver specified quantities of products at specified prices within specified times, and *Advance Shipping Notification*, which contains information provided by the supplier about times of issue and receipt for specific quantities of ordered materials.

As an employee, in the **My Purchase Requisitions – New** app, you can now view the **Order Acknowledgment** and **Advance Shipping Notification** in the **Status Details** of the purchase requisition item.

For service items or enhanced limit, the order acknowledgment and advance shipping notification document is not supported and will not appear in the *Status Details*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	18J (Requisitioning) 1XI (Central Requisitioning
Technical Object Name	App ID: `F1639A`
Application Component	`MM-FIO-PUR-REQ-SSP` (*Self-Service Procurement*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

My Purchase Requisitions - New
Manage Purchase Requisitions - Professional

11.7.1.4 Start and End Date in Service Items

Business Details

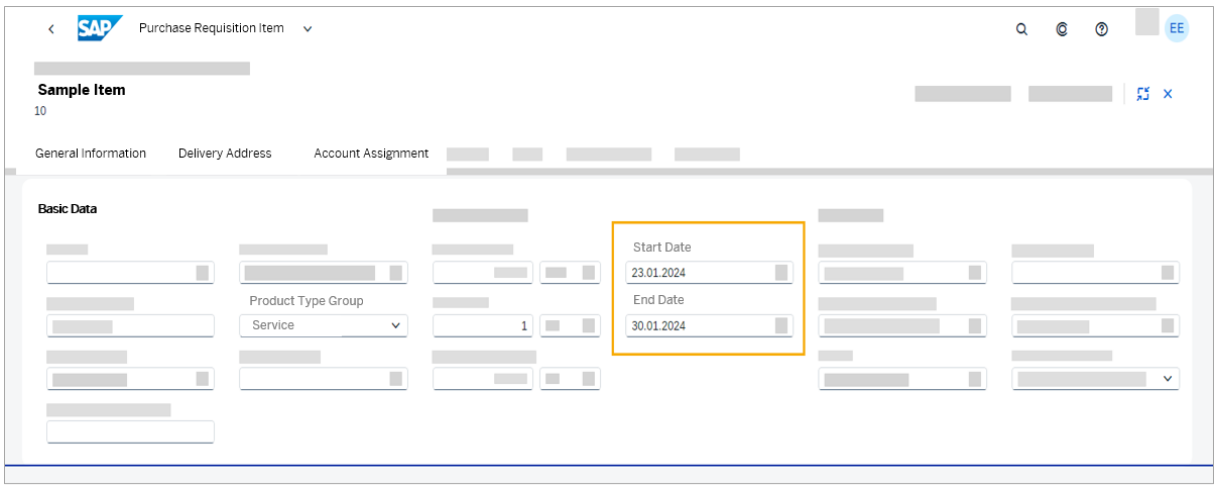
With this feature, *My Purchase Requisitions - New*, in the context of central requisitioning, standard items of product type *Service* now have the fields *Start Date* and *End Date* that define the service period, in place of the *Delivery Date* field. These fields are also replicated to the connected system.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	18J (Requisitioning) and 1XI (Central Requisitioning)
Technical Object Name	App ID: `F16434`
Application Component	`MM-FIO-PUR-REQ-SSP` (*Self-Service Procurement*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Additional Details

> **Note**
>
> The screenshot is based on the default content and UIs. Depending on your configuration settings, the UI may be slightly different.



Related Information

My Purchase Requisitions - New

11.7.2 Central Purchase Contracts

11.7.2.1 Planned Delivery Duration in Days

Business Details

With this feature, you can view the new field *Planned Delivery Duration in Days*, which specifies the delivery timeframe in days, under the *GR/IR Control* facet within the item section of the app *Manage Central Purchase Contracts* for central purchase contracts and central purchase contract hierarchies.

The *Planned Delivery Duration in Days* field is available for a central purchase contract item in the app *Mass Change to Central Purchase Contracts* in online and offline modes.

> **Note**
>
> - The value in this field is not validated against material master or the supplier master data.
> - You can only enter a whole number in this field.
> - This field does not support versioning, output and workflow configuration.
> - The value in the *Planned Delivery Duration in Days* field is updated in the relevant info record only during the creation of a central purchase contract. Any subsequent change in the central purchase contract will not be reflected.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	2ME (Central Purchase Contracts)

Technical Object Name	App ID:
	`F3144`
	`F3792`

Application Component	`MM-PUR-HUB-CTR` (*Central Purchase Contracts*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

11.7.2.2 Restore in Central Purchase Contracts

Business Details

With this feature, you can now undelete central purchase contract line items as well as header and item distribution lines by using the new button *Restore*.

The *Restore* feature is available for central purchase contracts in the apps *Manage Central Purchase Contracts* and *Mass Change to Central Purchase Contracts* for central purchase contracts in offline and online mode.

Restore in Manage Central Purchase Contracts

- You can select and restore multiple central purchase contract line items or distribution lines in a single instance.
- When you restore a distribution line at header level, the referenced item distribution for the item is also restored, if the item is undeleted.
- When you restore an item, all the item distributions under the respective item are restored except for those item distributions that are marked *Yes* for deletion at the header distribution.
- At item distribution, the *Restore* button is enabled for entries with distribution created at item level.

Restore in Mass Changes to Central Purchase Contracts: Offline Mode

- Restore a central purchase contract line item:
  - The deleted line item is indicated with *L* and the blocked line item is indicated with *S* in the *Deletion Indicator* field of the *Central Contact Item* worksheet.
  - **Block** and **Unblock** actions are not supported.
  - For a deleted line item, when you updated the *Deletion Indicator* field of the *Central Contact Item* worksheet by removing *L* and upload the excel, the line item is restored.
- Restore a header distribution line:
  - In the header, **Block** and **Unblock** actions are not supported. Hence, the deleted header distribution is indicated with *X* in the *Deletion Indicator* field of the *Central Header Distribution* worksheet.
  - For a deleted header distribution, when you remove *X* in the *Deletion Indicator* field of the *Central Header Distribution* worksheet and upload the excel, the header distribution is restored.
- Restore an item distribution line:
  - In item distribution,**Block** and **Unblock** actions are supported, which is however not shown in the *Central Item Distribution* worksheet. Only the deleted item distribution is indicated with *X* in the *Deletion Indicator* filed of the *Central Item Distribution* worksheet.
  - For a deleted item distribution, when you remove *X* in the *Deletion Indicator* field of the *Central Item Distribution* worksheet and upload the excel, the item distribution is restored.

Once an entry at any level is restored, you can edit the respective fields.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	2ME (Central Purchase Contracts)
Technical Object Name	App ID: F3144 F3792
Application Component	MM-PUR-HUB-CTR (*Central Purchase Contracts*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Mass Changes to Central Purchase Contracts
Manage Central Purchase Contracts
Mass Changes to Central Purchase Contracts: Online Mode
Mass Changes to Central Purchase Contracts: Offline Mode

11.7.2.3 Displaying Invoice Receipt Consumption Percentage

Business Details

This feature enables you to view the *IR Consumption Percentage* in the list page of *Manage Central Purchase Contracts* and at the header, item, and item distribution levels of a central purchase contract or of a central purchase contract hierarchy.

At the item and item distribution levels, the percentage calculation is based on the posted invoice receipt against the target value or target quantity, depending on the type of contract selected. However, at the header level, it is the total number of invoices posted for all the items of the document.

> **Note**
>
> - If you activate version management, you cannot view the IR consumption percentage in the active document.
> - You cannot view the IR consumption percentage for a document with services or if the follow-on document is a service entry sheet.

- You cannot view the posted invoice receipts against the items of the document.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	2ME (Central Purchase Contracts)
Technical Object Name	App ID: `F3144`
Application Component	`MM-PUR-HUB-CTR` (*Central Purchase Contracts*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

11.7.2.4 Generating New Outputs

Business Details

This feature enables you to generate new outputs in the *Manage Central Purchase Contracts* app for central purchase contracts and central purchase contract hierarchies when you change any field that is defined in the customizing activity *Define Conditions to Restart Central Purchase Contract Processes* in your configuration environment.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	2ME (Central Purchase Contracts)
Technical Object Name	App ID:`F3144`
Application Component	**MM-PUR-HUB-CTR** (**Central Purchase Contracts**)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025

Related Information

Central Purchase Contract

11.7.2.5 Unit Conversions for Central Purchase Contracts

Business Details

This feature enables you to maintain separate conversion factors for the quantity based on main condition and supplementary conditions in the unit of measure in the *Manage Central Purchase Contracts* for item conditions of a central purchase contract and central purchase contract hierarchy

You can enter conversion factors for Unit of Measure (UoM) when UoM is different from base UoM. If you want to change any particular conversion factor of any condition after the central purchase contract is created, or saved in preparation or released or distributed, you have to delete the main condition and supplementary conditions and add the new conditions with the required conversion factor.

When the base UoM and price UoM are different, you can also maintain the conversion factor in the numerator and denominator fields.. However, the conversion factor maintained at the condition level takes precedence over the previous conversion factor maintained.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	2ME (Central Purchase Contracts)
Technical Object Name	App ID: `F3144`
Application Component	`MM-PUR-HUB-CTR` (*Central Purchase Contracts*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Central Purchase Contract
Conditions in Central Purchase Contract

11.7.2.6 Custom Split Criteria for Central Purchase Contracts

Business Details

This feature allows you to customize how the *Central Purchase Contracts* are split and distributed to connected systems based on *plant, storage location, and custom fields*.

There are two options to configure custom split criteria for central purchase contracts:

- Split items into single outline agreements.
- Split central contracts based on plant, storage location, or custom fields.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	2ME (Central Purchase Contracts)
Technical Object Name	App ID: `F3144`
Application Component	`MM-PUR-HUB-CTR` (*Central Contracts*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

11.7.2.7 Overview of Changes in Extensibility Objects

Business Details

This feature enables you to now configure the default connected system. The `MM_PUR_S4_CCTR_MODIFY_ITEM` (*Change of Central Purchase Contract Item Before Saving*) BAdI has been enhanced with the new field `procmthubrefcdconnectedsystem` , which can be viewed in the *Connected System ID* field for material field of a central purchase contract item in the *Manage Central Purchase Contracts* app.

In the material value help dialog, the configured connected system ID value will be defaulted to the filter input and if required this can be changed according to the requirement.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	2ME (Central Purchase Contracts)
Technical Object Name	BAdI: `MM_PUR_S4_CCTR_MODIFY_ITEM` App ID: `F3144`
Application Component	`MM-PUR-HUB-CTR` (*Central Contract*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Additional Details

Earlier, you can only update existing field using the BAdI *Change of Central Purchase Contract Before Saving* No new entries could be added to the header/item distribution, header/item condition, and item commodity weight sections of a central purchase contract. However, with this release, you can add new entries and update information in these sections. For example, you can add new distribution lines, conditions, and so on, using this BAdI.

> **Note**
>
> When you add a new header distribution line using the BAdI *Change of Central Purchase Contract Before Saving*, the details get cascaded to all the underlying items of the central purchase contract.
>
> You cannot add new item distribution lines for central purchase contracts with document category consignment (K) and subcontracting (L) using the BAdI *Change of Central Purchase Contract Item Before Saving*.

Related Information

App Extensibility: Manage Central Purchase Contracts

11.7.3 Overview of Changes in Extensibility Objects

Business Details

This feature enables you to now configure the default connected system. The `MM_PUR_S4_CCTR_MODIFY_ITEM` (*Change of Central Purchase Contract Item Before Saving*) BAdI has been enhanced with the new field `procmthubrefcdconnectedsystem` , which can be viewed in the *Connected System ID* field for material field of a central purchase contract item in the *Manage Central Purchase Contracts* app.

In the material value help dialog, the configured connected system ID value will be defaulted to the filter input and if required this can be changed according to the requirement.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	2ME (Central Purchase Contracts)
Technical Object Name	BAdI: `MM_PUR_S4_CCTR_MODIFY_ITEM` App ID: `F3144`
Application Component	`MM-PUR-HUB-CTR` (*Central Contract*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Additional Details

Earlier, you can only update existing field using the BAdI *Change of Central Purchase Contract Before Saving* No new entries could be added to the header/item distribution, header/item condition, and item commodity weight sections of a central purchase contract. However, with this release, you can add new entries and update information in these sections. For example, you can add new distribution lines, conditions, and so on, using this BAdI.

> **Note**
>
> When you add a new header distribution line using the BAdI *Change of Central Purchase Contract Before Saving*, the details get cascaded to all the underlying items of the central purchase contract.
>
> You cannot add new item distribution lines for central purchase contracts with document category consignment (K) and subcontracting (L) using the BAdI *Change of Central Purchase Contract Item Before Saving*.

Related Information

App Extensibility: Manage Central Purchase Contracts

11.7.4 Central Purchasing

11.7.4.1 Approval Details in Manage Central Supplier Confirmations

Business Details

With this feature, you can now view the *Approval Details* facet for a central supplier confirmation in the *Manage Central Supplier Confirmation* app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	2XT (Central Purchasing)
Technical Object Name	App ID: `F6634`
Application Component	`MM-PUR-HUB-CSC` (*Manage Central Supplier Confirmations*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Central Supplier Confirmations

11.7.4.2 Addition of New Fields in Purchase Order Extraction

Business Details

This feature enables you to extract the *Shipping Instruction* and *Price Printout* fields from Purchase Orders (PO), both taken from the item-level fields in the PO data.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	2XT (Central Purchasing)

Technical Object Name	Field:
	`EKPO-EVERS`
	`EKPO-PRSDR`

Application Component	`MM-PUR-HUB-PO` (*Purchasing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

11.7.4.3 Sorting and Filtering in Assign Source of Supply Pop-up Window

Business Details

This feature enables you to sort, filter, and group sources of supply, which include info record, contract, scheduling agreement, fixed supplier, or all the proposed sources within the *Assign Source of Supply* pop-up window available for individual *Purchase Requisition Item* item.

The following filter criteria are available by default for the mentioned sources of supply:

- Info Record
  - Purchasing Info Record
  - Supplier
  - Purchasing Organization
- Contract
  - Purchase Contract Number

    - Purchase Contract Item Number
    - Supplier
    - Purchasing Organization
- Scheduling Agreement
    - Scheduling Agreement Number
    - Scheduling Agreement Item Number
    - Supplier
    - Purchasing Organization

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2XT (Central Purchasing)
Technical Object Name	App ID: `F3290`
Application Component	`MM-PUR-HUB-PR` (*Processing Purchase Requisitions Centrally*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Purchase Requisition Item

11.7.4.4 Process Purchase Requisitions Centrally

Business Details

This feature enables you to do the following:

- View the fields relevant to item categories *Limit (B)* and *Enhanced Limit (E)* under the new sections *Requisition Period* and *Document Flow Indicator* in the *Purchase Requisition Item* page.
- View material group recommendations whose confidence values are equal to or greater than the defined value of threshold.

- Assign a team of processors to centrally managed purchase requisition items.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2XT (Central Purchasing)
Technical Object Name	App ID: `F3290`
Application Component	`MM-PUR-HUB-PR` (*Processing Purchase Requisitions Centrally*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

11.7.4.5 Assigning a Source of Supply to Multiple Purchase Requisition Items

Business Details

This feature enables you to assign a source of supply to multiple purchase requisition items in the *Process Purchase Requisitions Centrally* app.

To do this, use the *Assign Source of Supply* drop-down within the option *More Actions* on the list page of the app.

> **Note**
>
> - You can assign a source of supply to multiple purchase requisition items only if the selected items are from the same connected system.
> - If the selected purchase requisition items have similar field values for the purchasing organization, plant, material group or so on, then these values are auto-populated in the respective filters to list down the most appropriate sources of supply for you to choose.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2XT (Central Purchasing)
Technical Object Name	App ID: `F3290`
Application Component	`MM-PUR-HUB-PR` (*Processing Purchase Requisitions Centrally*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Process Purchase Requisitions Centrally

11.7.4.6 Displaying Confirmation Notices for Comments Sent to the Creators of Purchase Requisitions

Business Details

This feature enables you to see a system-generated notification in the *Comments* section of the *Process Purchase Requisitions Centrally* app confirming that an email notification has been sent to the creator of the purchase requisition for your comment.

When you provide a comment, you have an option to notify the creator of the purchase requisition about that comment via an email. This information that a notification email has been sent to the creator is now recorded in the *Comments* section.

> **Note**
>
> These system-generated notifications are only applicable for the original comment posted by you. That is, if you edit your comment, you will continue to see the system-generated notification; however, it is only an indication that your original comment has been sent to the creator of the purchase requisition and not the edited version.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2XT (Central Purchasing)
Technical Object Name	App ID: `F3290`
Application Component	`MM-PUR-HUB-PR` (*Processing Purchase Requisitions Centrally*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Process Purchase Requisitions Centrally

11.7.4.7 Manage Workflows for Central Supplier Confirmations

Business Details

This features enables you to use two new start conditions *Price deviation exists in at least one item* and *All the line items are within confirmed net price tolerance*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2XT (Central Purchasing)
Technical Object Name	App ID: `F6635`
Application Component	MM-PUR-HUB-CSC (*Central Supplier Confirmations*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Effects on Configuration

To configure the price threshold error message (E) as a warning message (W) and save a central supplier confirmation with a net price beyond threshold, perform the following steps.

1. Open the *Manage Your Solution* app and click *Configure Your Solution*.
2. Under *Application Area* field choose **Sourcing and Procurement** and under *Sub Application Area* field choose **Operational Procurement**.
3. Select the item with **Purchase Order Processing** item name.
4. In the *Configuration Steps* section, navigate to *Define Attributes of System Messages* and click *Configure*.
5. Click *Position*. The *Another entry* dialog box is displayed.
6. Include *00* for *Version* field, *MMPUR_CNTRL_CONF* for *Area* field and *007* for *Message* field and click *Continue*.
7. Once the required message is displayed, change the **E** to **W** in the Message category.
8. Click *Save*.

> **Note**
>
> Though the error message for price threshold can be changed to a warning message (as indicated in the configuration above) in the hub system, it continues to remain as an error message if it is configured as an error in the connected system. Therefore, the central supplier confirmation is not saved with the net price beyond threshold.

Effects on Existing Data

The price threshold error message configuration in the connected system is only possible only from SAP S/4HANA Cloud 2308 and above.

Related Information

Manage Workflows for Central Supplier Confirmations

11.7.4.8 Mass Changes to Centrally Managed Purchase Requisitions in Offline Mode

Business Details

This feature enables you to use the configured custom fields in the *Mass Changes to Centrally Managed Purchase Requisitions in Offline Mode*.

> **Note**
>
> Only the custom fields of type text, numeric, and alphanumeric are supported.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2XT (Central Purchasing)
Technical Object Name	App ID: `F7377`
Application Component	`MM-PUR-HUB-PR` (*Processing Purchase Requisitions Centrally*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Mass Changes to Centrally Managed Purchase Requisitions

11.7.4.9 Manage Workflows for Centrally Managed Purchase Requisitions

Business Details

This feature enables you to define a step that allows approvers to inquire more information about centrally managed purchase requisition items or send them back for a rework instead of rejecting them. To do this, use

the step type *Release of Reworkable Centrally Managed Purchase Requisition Item* when you define the approval step.

Furthermore, you can define an exception for this scenario by choosing the action *Rework Centrally Managed Purchase Requisition Item* and provide details such as the deadlines, action result, and so on in the *Exception Handling* section.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2XT (Central Purchasing)
Technical Object Name	App ID: `F3794`
Application Component	`MM-PUR-HUB-PR` (*Processing Purchase Requisitions Centrally*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Additional Details

To utilize the step type *Release of Reworkable Centrally Managed Purchase Requisition Item*, you need to create a new workflow scenario or copy an existing one and activate it.

Effects on Existing Data

Workflow scenarios created before SAP S/4HANA Cloud 2402 will not have the step type *Release of Reworkable Centrally Managed Purchase Requisition Item*.

Related Information

Manage Workflows for Centrally Managed Purchase Requisitions

11.7.4.10 Additional Approvers in Manage Purchase Orders Centrally and My Inbox

Business Details

This feature enables you to add new approval steps in the *Approval Details* section of *Manage Purchase Orders Centrally* and *My Inbox* app.

Adding a new approval step in *Manage Purchase Orders Centrally* app

1. Open *Manage Purchase Orders Centrally* app and select the required centrally managed purchase order or create a new one.
2. Navigate to *Approval Details* of the centrally managed purchase order.
3. Click *Edit*. You are navigated to the relevant workflow step in the *Manage Workflows for Centrally Managed Purchase Orders* app.
4. Click *Create* to add a new approver.

Adding a new approval step in *My Inbox* app

1. Open *My Inbox* app.
2. Search for the required the centrally managed purchase order.
3. Navigate to *Approval Details* of the centrally managed purchase order.
4. Click *Edit*. You are navigated to the relevant workflow step in the *Manage Workflows for Centrally Managed Purchase Orders*.
5. Click *Create* to add a new approver.

The new steps can be added only at the end of the workflow or after a planned step. The steps remain in status *New* until the changes are saved. These steps can further be deleted or edited. However, once the changes are made and the new step is saved, you cannot modify or delete it.

If there is a change in rework after you add and save a new step, the workflow restarts and the previously added new steps are deleted. You must add them again.

Implementation Details

Authorizations

To view the *Edit* button in the *Approval Details* section, you must add the new business catalog **Materials Management - Central Purchase Orders Adhoc Approval** (`SAP_PRC_BC_ADHOCAPPRVL_CPO`) to the existing custom roles, if any, that you have created with reference to the business role templates `SAP_BR_CENTRAL_PURCHASER` and `SAP_BR_PURCHASING_MANAGER`. You should also maintain the authorization object `S_WFFLXDEF` for the activity `WC` to the existing custom roles.

Effects on Existing Data

While using the *Edit* button to add new approval steps, the *Agent Determination by BAdI* role, available in the *Recipients* section in the workflow instance, is disabled.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2XT (Central Purchasing)
Technical Object Name	App ID:`F3292`
Application Component	`MM-PUR-HUB-PO` (*Centrally Managed Purchase Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Purchase Orders Centrally

11.7.4.11 Queue Management for Automated Workload Balancing

Business Details

This feature enables you to assign or unassign a team of processors to a selected set of centrally managed purchase requisition items. Additionally, you can enable automatic assignment of purchase requisition items to specific teams during the extraction process, based on established rules.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2XT (Central Purchasing)
Technical Object Name	App ID: `F3290`

Application Component	`MM-PUR-HUB-PR` (*Processing Purchase Requisitions Centrally*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Additional Details

Assigning Teams using Schedule Import of Purchasing Documents

Follow the procedure to assign a team of processors to the purchase requisition items that are imported from the connected system to the hub system using *Schedule Import of Purchasing Documents*:

1. Create a team using *Manage Teams and Responsibilities* with category *Central Procurement (CPROC)*.
2. Customize activity *Define Team Source for Queue Assignment of Centrally Managed PRs* under *Materials Management* > *Purchasing* > *Central Procurement - Settings in Hub System* > *Central Purchasing*.
3. Create an application job using *Schedule Import of Purchasing Documents*, and provide the required parameters, such as connected system ID, and so on.

When the application job is executed, the system checks if a team source (such as *Responsibility Management*) is maintained in the configuration activity *Define Team Source for Queue Assignment of Centrally Managed PRs*. It further inspects the defined teams with the category *Central Procurement (CPROC)* and then checks which team's attributes correspond to that of the purchase requisition items. Some of the attributes include product group, purchasing group, and the connected system's company code, plant, purchasing organization, as well as system ID. If the attributes of multiple teams match, then the first team listed with the category *Central Procurement (CPROC)* is allocated to the purchase requisition items. The processors in the team are then assigned to each purchase requisition item in the round-robin format. Note that processors with the least workload get assigned to items in the ascending order.

Assigning Teams using Schedule Automation of Business Processes

Follow the procedure to assign a defined team of processors to the purchase requisition items that are imported from the connected system to the hub system using *Schedule Automation of Business Processes*:

1. Create a rule using *Manage Rules for Automation of Business Processes* and provide the required details.
    1. In the section *Automation Rule Action*, create an action with action definition as *AssignTeam* and object type as *Responsibility Management Team*.

        > **Note**
        >
        > Always ensure to set the statuses under the fields *Set Status for Action with Passed Outcome* and *Set Status for Action with Failed Outcome* to *No Influence* in section *Automation Status*.

    2. In the section *Automation Action Parameter*, create a parameter with node type as *Responsibility Management Team* and select the field name on which you want the rule to be based. You can then select the team name from the value help that lists the teams available in *Manage Teams and Responsibilities* with category *Central Procurement (CPROC)*.
2. Create an application job using *Schedule Automation of Business Processes* with the new rule ID (as the parameter) you created in *Manage Rules for Automation of Business Processes*.

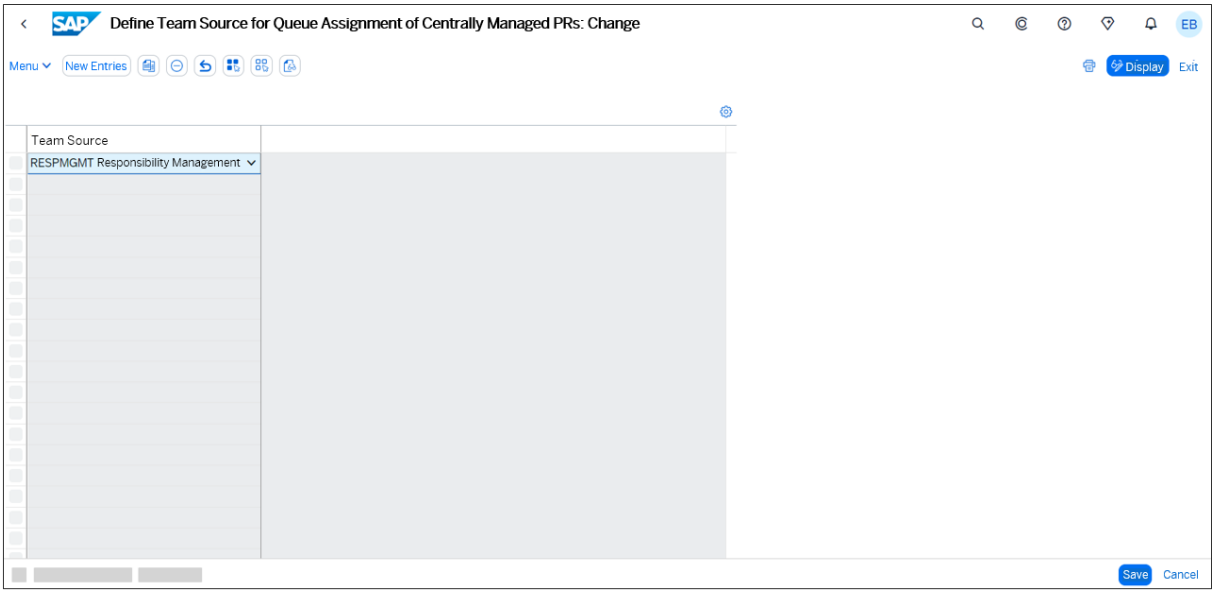
> **Note**
>
> If you do not provide a rule ID, then all the active rule IDs in *Manage Rules for Automation of Business Processes* will be considered during the execution of the application job.

Effects on Configuration

Defining a Team Source for the Assignment of Teams to Centrally Managed Purchase Requisitions

To assign a defined team of processors to the purchase requisition items that are imported from the connected system to the hub system via *Schedule Import of Purchasing Documents*, you need to define a team source in the configuration environment:

1. Customize activity *Define Team Source for Queue Assignment of Centrally Managed PRs* under *Materials Management* > *Purchasing* > *Central Procurement - Settings in Hub System* > *Central Purchasing*.
2. Select *Responsibility Management* as the team source in the *Team Sources* table and save it.



> **Note**
>
> This screenshot is based on the default content and UI. Depending on your configuration settings, the UI may be slightly different.

11.8 Invoice Management

11.8.1 Invoicing Freight Orders to Support Transportation Management for Lean Services

Business Details

Integrating Transportation Management enables you to post supplier invoices that refer to freight orders. These freight orders are based on purchase orders with lean service items.

Implementation Details

Customizing

You activate the integration of Transportation Management in the *Activate Integration of Transportation Management (TM)* customizing activity.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	18J
Technical Object Name	`MIRO, MIRA, MIR4, MIR7, MRRL, MRBR, MR11`
Application Component	`MM-FIO-IV` (*FIORI UI for Invoice Verification*), `MM-IV` (*Invoice Verification*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Additional Details

The following transactions and apps are affected by the new integration:

- *Create Supplier Invoice - Advanced, Park Supplier Invoices, Display Supplier Invoice - Advanced*

For *Create Supplier Invoice - Advanced* (transaction MIRO), *Park Supplier Invoices* (transaction MIR7), and *Display Supplier Invoice - Advanced* (transaction MIR4), the reference document category now includes *Freight Orders*. In addition, the new screen variant *Freight Order* is available. Both the variant *Freight Order* and the screen variant *All Information* contain the following new fields: *Freight Order*, *Source Location*, *Destination Location*, *Arrival Date*, *Departure Date*.
In the app *Create Supplier Invoice - Advanced* (transaction MIRO), you can also assign multiple freight orders if you select *More Allocation Criteria*, or post supplier invoices with unplanned freight costs.

- *Enter Supplier Invoice for Background Verification*
  In the app *Enter Supplier Invoice for Background Verification* (transaction MIRA), the reference document category now includes *Freight Orders*.
- *Release Blocked Invoices*
  In the app *Release Blocked Invoices* (transaction MRBR), you can select the *Transportation Management* indicator in the *Origin* section. On the hit list, you can choose *Change Layout* and then select the following new columns: *Freight Order*, *Source Location*, *Destination Location*, *Arrival Date*, *Departure Date*.
  If you have already used Transportation Management in the past, you can now select whether you want to use Transportation Management for Lean Services or for Service Purchase Orders.
  If you are using Transportation Management for the first time, there is no selection available.
  In the app *Schedule Supplier Invoice Jobs - Advanced* (F1683), you can select the *Transportation Management* indicator in the *Origin* section if you schedule a job for releasing supplier invoices.
- *Clear GR/IR Clearing Account*
  In the app *Clear GR/IR Clearing Account* (transaction MR11), you can select the *Transportation Management* indicator in the *Origin* section.
  In addition, the value help for the *Purchasing Document* field was enhanced by the *Service Purchasing Documents per Freight Order* tab. This tab contains the search fields *Supplier*, *Source Location*, *Destination Location*, *Departure Date*, *Arrival Date*, and *Freight Order*.
  On the hit list, you can choose *Change Layout* and then select the following new columns: *Freight Order*, *Source Location*, *Destination Location*, *Arrival Date*, *Departure Date*.
  In the app *Schedule Supplier Invoice Jobs - Advanced*, you can select the *Document from Transportation Management* indicator in the *Origin* section if you schedule a job for maintaining the GR/IR clearing account.
- *Display/Cancel Account Maintenance Document*
  In the app *Display/Cancel Account Maintenance Document* (transaction MR11SHOW), you can choose *Change Layout* on the hit list, and then select the following new columns: *Freight Order*, *Source Location*, *Destination Location*, *Arrival Date*, *Departure Date*.
- *Evaluated Receipt Settlement (ERS) with Logistics Invoice Verification*
  If you have already used Transportation Management in the past, you can now select in *Evaluated Receipt Settlement (ERS) with Logistics Invoice Verification* (transaction MRRL) whether you want to use Transportation Management for Lean Services or for Service Purchase Orders.
  If you are using Transportation Management for the first time, there is no selection available.
  In the app *Schedule Supplier Invoice Jobs - Advanced* (F1683), you can select the *Transportation Management* indicator in the *Origin* section if you schedule a job for Evaluated Receipt Settlement.

Unplanned Freight Costs

The *Create Supplier Invoice - Advanced* app (App ID: MIRO) has been enhanced with the fields *Freight Order* and *Charge Type* within the G/L Account section to support the posting of supplier invoices with unplanned freight costs.

If you want to create an invoice that refers to a freight order with unplanned freight costs against a charge type which was not part of your freight order, the unplanned freight cost is posted as an unplanned G/L account item for which the transportation management fields *Charge Type* and *Freight Order* are filled accordingly.

In addition, with the *Supplier Invoice - Create (B2B, Inbound, Asynchronous)* service, also known as *InvoiceRequest_In*, you can now post supplier invoices with unplanned freight costs.

Changes to BAPIs (Business Application Programming Interfaces)

To support the processing of invoices within the Transportation Management integration, the new parameter LEAN_TM_ITEMDATA has been added to the following BAPIs:

- BAPI_INCOMINGINVOICE_CREATE
- BAPI_INCOMINGINVOICE_CREATE1
- BAPI_INCOMINGINVOICE_PARK

To support the posting of incoming invoices with unplanned freight costs within the integration of Transportation Management, the parameter GLACCOUNTDATA has been enhanced for the following BAPIs:

- BAPI_INCOMINGINVOICE_CREATE
- BAPI_INCOMINGINVOICE_CREATE1
- BAPI_INCOMINGINVOICE_PARK

Related Information

Freight Settlement Integration using Lean Services [page 1081]

11.9 Country/Region Specifics

For country/region-specific changes, please see What's New for Functional Localizations in SAP S/4HANA.

12 Supply Chain

12.1 Logistics Cross Topics

12.1.1 Segmentation in Inbound and Outbound Batch SOAP API

Business Details

The Inbound and Outbound SOAP APIs for batches is enhanced to include stock segment details when the batches are distributed.

Implementation Details

The Batch Inbound and Outbound SOAP API is enhanced with the field *StockSegment* .

Field Name	Description
StockSegment	Stock Segment assigned to the Batch

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	• *CO_LOBM_ESR_BAT_BLK_RN_INF_OUT* • *II_LOBM_ESR_BAT_BLK_RN_INFO_IN*
Application Component	**LO-BM-INT**
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information:

Batch - Outbound Integration | SAP Help Portal

Batch - Inbound Integration | SAP Help Portal

12.1.2 Handling Unit Management

12.1.2.1 Assigning Handling Unit to an Inbound Delivery via the Inbound Delivery API

Business Details

The existing inbound delivery API is enhanced for Handling related operations.

Implementation Details

Inbound Delivery OData API features:

- Creating Handling Units with new inbound delivery
- Creating Handling Units for existing inbound delivery
- Updating Handling Units for existing inbound delivery
- Deleting Handling Units for existing inbound delivery
- Assigning Handling Units for existing inbound delivery

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`API_INBOUND_DELIVERY_SRV_0002`
Application Component	`LO-HU-API`
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information:

Inbound Delivery (A2X) | SAP Help Portal

12.1.2.2 Enabling Key User Extensibility at the Handling Unit Header in 3PL SOAP APIs

Business Details

Key user extensibility was enabled at the Handling Unit header in the 3PL SOAP APIs used for external warehouse management.

Implementation Details

The following SOAP APIs are enabled to support custom fields creation at Handling Unit header via the Key User Extensibility app:

- CO_LEIDW_WAREHOUSE_SHIP_ORDER
- WAREHOUSEINTERMEDIATEUPDATE_IN
- WAREHOUSESTOCKTRANSFERRECEIPTA
- CO_LEIDW_WAREHOUSE_STOCK_TRANS
- WAREHOUSESHIPPINGADVICE_IN

To use these services, you must first configure them in the S/4HANA system. For this, SAP provides a services group and AIF scenario. For more information about configuring the services in the SOA system, see the related links.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	• *CO_LEIDW_WAREHOUSE_SHIP_ORDER* • *WAREHOUSEINTERMEDIATEUPDATE_IN* • *WAREHOUSESTOCKTRANSFERRECEIPTA* • *CO_LEIDW_WAREHOUSE_STOCK_TRANS* • *WAREHOUSESHIPPINGADVICE_IN*
Application Component	**LE-IDW-CEN**
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information:

External Warehouse Management Services

Central Configuration

12.1.2.3 Enabling Auxiliary Packaging Material in 3PL SOAPs

Business Details

The 3PL SOAP APIs used for external warehouse management have been enhanced with auxiliary packaging in the Handling Unit node.

Implementation Details

The 3PL SOAP API has been enhanced to capture auxiliary packaging information in the field *AdditionalPackaging* within the Handling unit node.

The following SOAP APIs have been updated to support this enhancement:

- CO_LEIDW_WAREHOUSE_SHIP_ORDER
- WAREHOUSEINTERMEDIATEUPDATE_IN
- WAREHOUSESTOCKTRANSFERRECEIPTA
- CO_LEIDW_WAREHOUSE_STOCK_TRANS
- WAREHOUSESHIPPINGADVICE_IN

You can access both Customizing activities in transaction SPRO under **Logistics Execution** Integration **of External Warehouse Systems**.

If you have already configured external warehouses, you do not have to do anything. The settings you made previously are available in both activities and if you want to update them, you can do so in either of the activities.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable

Technical Object Name	• *CO_LEIDW_WAREHOUSE_SHIP_ORDER* • *WAREHOUSEINTERMEDIATEUPDATE_IN* • *WAREHOUSESTOCKTRANSFERRECEIPTA* • *CO_LEIDW_WAREHOUSE_STOCK_TRANS* • *WAREHOUSESHIPPINGADVICE_IN*
Application Component	**LE-IDW-CEN**
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information:

External Warehouse Management Services

Central Configuration

12.1.2.4 Enhancement of Handling Unit API with ISO Codes for Units of Measurement

Business Details

The Handling Unit (HU) API is enhanced by introducing new fields to support ISO code units of measurement.

Implementation Details

The API is enhanced at the Handling Unit header level with the following fields for enabling ISO codes for units of measurement:

Field name	Description
HndlgUnitTareVolumeUnitISOCode	Tare volume unit of measure of a handling unit in ISO code.
HndlgUnitTareVolumeUnitSAPCode	Tare volume unit of measure of a handling unit in SAP code.
HndlgUnitTareWeightUnitISOCode	Tare weight unit of measure of a handling unit in ISO code.
HndlgUnitTareWeightUnitSAPCode	Tare weight unit of measure of a handling unit in SAP code.
UnitOfMeasureDimensionISOCode	Dimension unit of measure in ISO code.
UnitOfMeasureDimensionSAPCode	Dimension unit of measure in SAP code.
VolumeUnitISOCode	Volume unit of measure ISO code.
VolumeUnitSAPCode	Volume unit of measure in SAP code.

WeightUnitISOCode	Weight unit of measure ISO code.
WeightUnitSAPCode	Weight unit of measure of in SAP code.

The API is enhanced at the Handling Unit Item level with the following fields for enabling ISO-codes for units of measurement:

Field name	Description
HndlgUnitQuantityUnitISOCode	Quantity unit of a handling unit in ISO Code.
HndlgUnitQuantityUnitSAPCode	Quantity unit of a handling unit in SAP Code.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`API_HANDLINGUNIT`
Application Component	`LO-HU-API`
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information:

Handling Unit | SAP Help Portal

12.1.3 Serial Number Management

12.1.3.1 CDS Views in Serial Number Management

Business Details

Some CDS (Core Data Services) views have been released or changed for Serial Number Management.

CDS Views Released or Changed for Serial Number Management

Name	Technical Name	Status	What's Changed	Details
Serial Numbers in Purchase Orders	`I_SerialNumberPurchaseOrder`	New	This CDS view retrieves information on the serial numbers used within Purchase orders.	Serial Numbers in Purchase Orders
Serial Numbers in Maintenance Orders	`I_SerialNumberMaintenanceOrder`	New	This CDS view retrieves information on the serial numbers used within maintenance orders.	Serial Numbers in Maintenance Orders

Technical Details

Type	New
Functional Localization	No localization
Scope Item	BLL (Serial Number Management in Logistics)
Technical Object Name	`See table above.`
Application Component	`LO-MD-SN` (*Serial Number Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Serial Numbers in Purchase Orders

12.2 Inventory

12.2.1 APIs in Inventory

12.2.1.1 OData API: Material Document - Read, Create

Business Details

The OData API Material Document - Read, Create (`API_MATERIAL_DOCUMENT`) has been enhanced with new fields. See the table below for details.

The Document Items entity contains a new property:

Property	Description
`ReservationItemRecordType`	In the case of a discontinued material in a reservation from a production order, the value you provide here indicates whether the discontinued material or the follow-up material should be consumed. • "(blank) " = The discontinued material should be consumed. • "1" = The follow-up material should be consumed
`BatchbySupplier`	The Supplier Batch field has been added. It is the number under which the batch is managed at the supplier's.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	BMC (Core Inventory Management)
Technical Object Name	API: `API_MATERIAL_DOCUMENT`
Application Component	`MM-IM-GF` (*Inventory Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Material Documents - Read, Create

12.2.1.2 SOAP API: Material Document - Create

Business Details

The SOAP API Material Document - Create (`MaterialDocumentCreateRequest_Async_In`) has been enhanced. For reservations coming from production orders, you can now indicate whether to use a discontinued material or its follow-up material when you create the goods movement.

For that purpose, MaterialDocumentCreateRequest_Async_In - MaterialDocument contains a new field *Reservation Item Record Type*:

Field	Description
`ReservationItemRecordType`	In the case of a discontinued material in a reservation from a production order, the value you provide here indicates whether the discontinued material or the follow-up material should be consumed. • "(blank) " = The discontinued material should be consumed. • "1" = The follow-up material should be consumed

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	BMC (Core Inventory Management)
Technical Object Name	API: `MaterialDocumentCreateRequest_Async_In`
Application Component	`MM-IM-GF` (*Inventory Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Material Document - Create

12.3 Warehouse Management

12.3.1 OData API: Warehouse Physical Stock by Product – Read, Update (A2X)

Business Details

With this feature you can perform several posting changes for the stock in your warehouse.

You can make the following changes to the stock:

- Change the stock type
- Change the party entitled to dispose
- Change product or batch
- Change sales order or project reference
- Change stock owner and usage

Implementation Details

Authorizations

To be able to make the posting changes, there are additional authorizations required. The user must have the following:

- Authorization for /SCWM/SLFU value Change Stock Attributes (Report/API) ('SI')
- Authorization for /SCWM/TOCR
- Authorizations for remote function call (RFC) /SCWM/STOCK_MAINTAIN

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	API: `WarehousePhysicalStockProducts`
Application Component	`SCM-EWM-API` (*Remote APIs*)
Availability	SAP S/4HANA
Valid as Of	2025

12.3.2 OData API: Warehouse Order and Task (A2X)

Business Details

With this feature, you can reassign warehouse tasks to other warehouse orders.

This API is available on the SAP Business Accelerator Hub (Warehouse Order and Task (A2X)).

Implementation Details

Authorizations

Users who want to use this API must have a business role that includes authorization based on business catalog `SAP_SCM_BC_EWM_API` (*EWM - External APIs*).

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_WAREHOUSE_ORDER_TASK_2`
Application Component	`SCM-EWM-API` (*Remote-APIs*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Warehouse Order and Task (A2X)

12.3.3 Visibility of Custom Fields in OData APIs

Business Details

With this feature, you can use the *Custom Fields* app to make your custom fields appear in the OData APIs *Warehouse Inbound Delivery* and *Warehouse Outbound Delivery Order*, as long as your custom fields also appear in the business contexts *Warehouse Request Header* or *Warehouse Request Item*. You still use the *Custom Fields* app to add custom fields to *Warehouse Request Header* and *Warehouse Request Item*.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	API: `API_WHSE_INBOUND_DELIVERY_2` API: `API_WHSE_OUTB_DELIVERY_ORDER_2` Business Context: `/SCWM/DLV_ITEM_STR` Business Context: `/SCWM/WAREHOUSE_REQUEST_HDR`
Application Component	`SCM-EWM-API` (*Remote APIs*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Inbound Delivery
Outbound Delivery
Creating Custom Fields

12.3.4 Warehouse Order Events

Business Details

With this feature, the *Warehouse Order* business object triggers the following events when processing the warehouse tasks of a warehouse order:

- Warehouse task created
- Warehouse task confirmed
- Warehouse task canceled
- Warehouse task activated

These events are available on the SAP Business Accelerator Hub (https://api.sap.com).

Implementation Details

Effects on Existing Data

Events are not triggered retroactively for existing warehouse orders and warehouse tasks. Events for warehouse tasks are triggered only when new warehouse tasks are processed or changes are made to existing warehouse orders and warehouse tasks (for example, a confirmation or cancellation).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Business Event: `OP_WAREHOUSEORDEREVENTS`
Application Component	`SCM-EWM-API` (*Remote-APIs*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Warehouse Order Events
Business Events on SAP Business Accelerator Hub

12.3.5 Warehouse Order Splitting in the Pick by Cart App

Business Details

With this feature, you can use the *Pick by Cart* app to split a warehouse order when you've only partially completed a picking task. If you need to leave the warehouse order with only some items picked, you can choose to first unload the handling unit at its destination location and automatically split the warehouse order, or just split the warehouse order. This helps you to more efficiently hand over the picking task to another warehouse worker.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2793`
Application Component	`SCM-EWM-WOP` (*Warehouse Order Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Pick by Cart

12.3.6 Enhancements to Goods Movements in EWM and Inventory Management

Business Details

With this feature, you can now use the application programming interface (API) *API for Goods Movement in EWM and IM* (/SCWM/IF_API_IM_GOODSMVT) to post goods receipt with reference to purchase order items (standard and stock transfer items), order items, and their reversals.

The API enables you to post goods movements (goods receipts, goods issues, transfer postings, and their reversals) in Inventory Management and Extended Warehouse Management for embedded warehouses.

The new goods movements can be posted for unpacked or packed items, including nested and mixed handling units (HUs). These goods movements are posted to the warehouse and to Inventory Management at the same time using movement type 101 or 102, or your own movement type that has been created as a copy of these movement types.

Implementation Details

Goods receipts for purchase order items are only supported for standard items received from vendor, and stock transfer items. For more information about the supported features, see the documentation of the interface /SCWM/IF_API_IM_GOODSMVT in the system.

If goods movement shall happen to a warehouse managed storage location, the purchase order item or order should not be intended for delivery-based processes. Therefore, the following prerequisites must be considered:

- For goods receipt for purchase order items, the confirmation control key used in the purchase order item must not require any deliveries to be created.
  The confirmation control key should not be assigned to an external confirmation control category, for example, LA *Inbound Delivery*, that is set up for internal confirmation control category 2 *Shipping Notification* in Customizing.
- For goods receipt for orders, the orders must have a production scheduling profile not intended for delivery-based goods receipt.
  The production scheduling profile must have *Post Synchronously to Bin* set to 1 *Only Goods Receipt* or 3 *Goods Receipt and Goods Issue* in Customizing.

Authorizations

For EWM-relevant goods movements, the user used for the API call must have the authorization object /SCWM/GMEX assigned to them.

Customizing

Some or all of the following Customizing activities must be carried out:

- For goods receipt for purchase order items, the confirmation control key must be set up:
  - *Materials Management* > *Purchasing* > *Confirmations* > *Set Up Confirmation Control*
  - *Materials Management* > *Purchasing* > *Confirmations* > *Define Internal Confirmation Categories*
- For goods receipt for orders from production, the production scheduling profile must be set up:
  - *Production* > *Shop Floor Control* > *Master Data* > *Define Production Scheduling Profile for Discrete Manufacturing*
  - *Production Planning for Process Industries* > *Process Order* > *Master Data* > *Define Production Scheduling Profile for Process Manufacturing*

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `/SCWM/IF_API_IM_GOODSMVT`
Application Component	`SCM-EWM-GM` (*Goods Movements*) `SCM-EWM-IF-ERP-GM` (*Interface ERP Goods Movement*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

12.3.7 Outbound Calls for EPC Encoding, Decoding, and Alternative IDs

Business Details

With this feature, you can use Business Add-In (BAdI) *BAdI: External Conversion for RFID* to make outbound calls to an external system during encoding and decoding electronic product code (EPC) tags with help of service class /SCWM/CL_RFID_SERVICES.

Implementation Details

Customizing

The BAdI can be found in Customizing for Extended Warehouse Management under *Business Add-Ins (BAdIs) for Extended Warehouse Management* > *Interfaces* > *RFID* > *RFID Enhancements* > *BAdI: External Conversion for RFID*.

Technical Details

Type	Changed
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	Service class: `/SCWM/CL_RFID_SERVICES` BAdI: `/SCWM/EX_RFID_CONV_EXT_CALL`
Application Component	`SCM-EWM-IF` (*Interfaces*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

12.3.8 Handling Execution Status: Cargo Ready for Loading

Business Details

With this feature, you can set the handling execution status of a freight order to *Cargo Ready for Loading* or *Cargo Not Ready for Loading* in the *Load or Unload Freight Orders* app. You can use this feature if you want to conduct customs processes before a truck arrives at your warehouse.

You can also set the handling execution status of a freight order to *Cargo Ready for Loading* or *Cargo Not Ready for Loading* in Transportation Management (TM). For more information, see New Handling Execution Status: Cargo Ready for Loading [page 1083].

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`SCM-EWM-IF-GTS` (*Interface GTS*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Explanation of Statuses of Business Documents
Load or Unload Freight Orders

12.3.9 Reverse Goods Receipt after Final Putaway for Stock from External Procurement

Business Details

With this feature, you can also reverse goods receipt for stock from external procurement after final putaway.

The reversal is available in the warehouse monitor, as the *Reverse after Putaway* method in the nodes for physical stocks, for example, *Stock and Bin* > *Physical Stock*.

You can also use the API interface /SCWM/IF_API_RVS_STOCK_PTWY in a custom development to perform the reversal.

You can reverse goods receipt only for stock received for external procurement with this feature.

Implementation Details

Authorizations

The user performing the reversal must have the authorization object /SCWM/SLFU with the value *RS* for *Reverse Stock from External Procurement* assigned to them.

Customizing

If you are using decentralized Extended Warehouse Management (EWM) based on SAP S/4HANA, and your processes use Logistics Execution (LE) deliveries, you must set the *Control Process: Extended Reversal After Final Putaway* field to *Allow for Completed LE Delivery* in Customizing for Extended Warehouse Management under *Interfaces* > *ERP Integration* > *ERP Integration for Decentralized EWM* > *Set Control Parameters for ERP Version Control*.

The Business Add-In (BAdI) *Reverse Goods Receipt after Final Putaway (External Procurement)* allows you to implement additional checks at reversal of goods receipt after final putaway. See Customizing for Extended Warehouse Management under *Business Add-Ins (BAdIs) for Extended Warehouse Management* > *Cross-Process Settings* > *Goods Movement Postings* > *BAdI: Reverse Goods Receipt after Final Putaway*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1FS (Basic Warehouse Inbound Processing from Supplier)
Technical Object Name	Not applicable
Application Component	`SCM-EWM-GM` (*Goods Movements*) `SCM-EWM-IF-ERP-GM` (*Interface ERP Goods Movement*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Reversal of Goods Receipt from External Procurement

12.3.10 Posting Changes from Sales Order Stock to Customer Stock

Business Details

With this feature, you can use new movement types 431 and 432 to make posting changes from sales order to customer stocks and vice versa. These new movement types support goods movements in Extended Warehouse Management (EWM). They also support the following:

- Synchronous goods movements in Inventory Management and in the warehouse for warehouses managed by EWM embedded in SAP S/4HANA
- Processes using Logistics Execution (LE) deliveries and warehouse requests

You can use the movement types in the *Post Goods Movement* app (transaction `MIGO`). If your warehouse is managed by embedded EWM, you can use them to post material documents. If you are not using synchronous goods movements, you can use them to create deliveries.

If you create the posting change from sales order to customer stock or vice versa in the *Create Posting Changes* app (transaction `/SCWM/POST`), the system automatically determines the movement types.

Implementation Details

Customizing

If you want to use the new movement types with synchronous goods movements with *Post Goods Movement* (transaction MIGO), you must perform the Customizing for synchronous goods movement in Customizing for Extended Warehouse Management under *Interfaces* > *ERP Integration* > *Goods Movements* > *Settings for Synchronous Goods Movements (MIGO)* > *Activate Synchronous Goods Movements in the Warehouse*.

If you want to create posting changes from sales order to customer stock or vice versa in *Create Posting Changes* (transaction /SCWM/POST), but you want to use your own movement type that you have created as a copy of the standard movement types 431 or 432, you must map the standard movement types determined by the system to your own ones. You do this in Customizing for Extended Warehouse Management under *Interfaces* > *ERP Integration* > *Goods Movements* > *Define Customer-Specific Movement Types* > *Communication EWM -> ERP: Customer Movement Types*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`/SCWM/POST`
	`MIGO`

Application Component	`SCM-EWM-IF-ERP-GM` (*Interface ERP Goods Movement*) `SCM-EWM-GM` (*Goods Movements*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

12.3.11 Updating Outbound Deliveries in Logistics Execution

Business Details

With this feature, you can change specific values of an outbound delivery in Logistics Execution (LE) after the outbound delivery is distributed to Extended Warehouse Management (EWM). Any changes you make in LE are automatically distributed to EWM and Transportation Management (TM).

In *Change Outbound Delivery* (transaction `VL02N`), you can change the following values of an outbound delivery:

EWM-Relevant Fields

Header Level

- Delivery Priority
- Route
- Route Schedule

Item Level

- Serial Numbers

TM-Relevant Fields

Header Level

- Text
- Incoterm Version
- Incoterm Location 1
- Incoterm Location 2

Item Level

- Material Freight Group
- Customer Material Number
- Material Description

Fields Relevant to Both EWM and TM

Header Level

- Delivery Date
- Shipping Type
- Incoterm 1
- Incoterm 2

Item Level

- Batch Number
- Quantity
- Texts

You can also add more items to an outbound delivery in LE after the delivery is distributed to EWM and freight units are created in TM.

Some fields might be read-only in *Change Outbound Delivery*, depending on the warehouse processing status of the outbound delivery. For example, if the delivery has the status *Ready for Warehouse Processing*, some fields might not be editable in *Change Outbound Delivery*.

Implementation Details

Customizing

To use this feature, you must activate specific date types in Customizing for Extended Warehouse Management under *Cross-Process Settings* > *Delivery - Warehouse Request* > *Dates/Times* > *Define Date Profiles*, and under *Interfaces* > *ERP Integration* > *Delivery Processing* > *Map Date Types from ERP System to EWM*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`SCM-EWM-TM` (*Transportation Management*) `TM-INT-LI-LE` (*Integration with Logistics Execution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Change Outbound Delivery Values
Delivery Updates
Statuses of Business Documents

12.3.12 Screen Zooming on Radio Frequency Devices

Business Details

With this feature, you can enable zooming of radio frequency (RF) screens on presentation devices when using SAP GUI for HTML. For example, you can enable automatic zooming or fixed factor zooming of between 50 and 300 percent. You use zooming to fit RF screens to the display of the presentation device as well as possible.

Implementation Details

You enable zooming in the *Maintain Presentation Devices* app.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `/SCWM/RFUI`
Application Component	`SCM-EWM-RF` (*Radio Frequency Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Radio Frequency Framework

12.3.13 Inspection Document Archiving with ILM Integration (Decentralized EWM)

Business Details

With this feature, you can use existing archiving object `QIE_INSP` with the `QIE_INSP` information lifecycle management (ILM) object to archive inspection documents and dependent objects in the component Quality Inspection Engine (`CA-QIE`) when using decentralized Extended Warehouse Management (EWM) based on SAP S/4HANA.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Archiving Object: `QIE_INSP`
Application Component	`SCM-EWM-QM` (*Quality Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Archiving Inspection Documents Using QIE_INSP

12.3.14 Serial Numbers in Inspection Lot of Origin 17

Business Details

This feature enables you to record a quality inspection result for a specific serialized product in the Quality Management (QM) component of SAP S/4HANA by recording a usage decision for the serialized product with reference to its serial number. The system copies the serial number to the inspection lot in the QM component during the goods receipt posting of the stock item.

Note that this feature is available only for inspection object type (IOT) *Q-Inspection Product/Batch Inbound Del.* (IOT 4) and *Q-Inspection Product/Batch Whse-Internal* (IOT 5).

Implementation Details

Customizing

To enable this feature, you select the checkbox *Serial No. Integr.* (Enable Serial Number Integration) for IOT 4 or IOT 5 in Customizing for *Extended Warehouse Management* under ▶ *Cross-Process Settings* ▶ *Quality Management* ▶ *Basics and Integration* ▶ *Define and Activate Warehouse-Dependent IOTs* ▶.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`QE01`
	`QE02`
	`QE51`
	`QE03`
	`QA03`

Application Component	`SCM-EWM-QM` (*Quality Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Serial Numbers in Inspection Results

12.3.15 Deactivation of Quality Inspections Based On Movement Type

Business Details

With this feature, you can deactivate quality inspections for inspection object type (IOT) *Q-Inspection Product/Batch Inbound Del.* (IOT 4) based on movement type settings in the Quality Management (QM) component of SAP S/4HANA. If the quality inspections are deactivated, the system doesn't create an inspection request (inspection document or inspection lot).

Implementation Details

The inspection process in Extended Warehouse Management must be integrated with the QM component.

Customizing

- The QM component is in SAP S/4HANA 2025 or later.
- You've deactivated quality inspections for the movement type in Customizing for *Quality Management* under *Quality Inspection* > *Inspection Lot Creation* > *Inspection for Goods Movement*.
- You've deactivated quality inspections for IOT 4 based on movement type settings in the QM component. To do this, you select the checkbox *QM Deact. MvmtTyp* (Deactivate Inspections Based on QM Movement Type Settings) in Customizing for *Extended Warehouse Management* under *Cross-Process Settings* > *Quality Management* > *Basics and Integration* > *Define and Activate Warehouse-Dependent IOTs*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Customizing Activity: `/SCWM/QIOTWM_NIR_S4`
Application Component	`SCM-EWM-QM` (*Quality Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Deactivation of Quality Inspections Based on Movement Type

12.3.16 Predictive Labor Demand Planning

Business Details

You can now use predictive workload forecasting to anticipate labor needs for better operational planning and resource allocation. The solution predicts short-term labor demand and improves operational planning using Smart Business dashboards. It allows businesses to customize forecast calculations to suit various warehouse activities.

> **Note**
>
> These functions use machine learning techniques. This implementation specifically uses the *Triple Exponential Smoothing* algorithm.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`SCM-EWM-LM` (*Planning*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Forecasting Workload

12.3.17 CDS Views for Cross Processes

Business Details

The new CDS views are released to provide information about the historical, planned, and forecast workload data for a warehouse.

CDS View Name	Description
I_EWM_WorkloadHistorical	Workload Historical
I_EWM_WorkloadPlanned	Workload Planned
I_EWM_WorkloadForecast	Workload Forecast

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Application Component	`SCM-EWM-WOP` (*Warehouse Planning*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Workload Historical
Workload Planned
Workload Forecast

12.3.18 CDS Views for Deliveries

Business Details

The new CDS views are released to provide information about the header, item, and draft extensions for outbound delivery orders and inbound deliveries.

CDS View Name	Description
E_EWM_WarehouseInboundDelivery	Warehouse Inbound Delivery Header Extension
E_EWM_WhseInboundDeliveryItem	Warehouse Inbound Delivery Item Extension
E_EWM_WhseODODraft	Warehouse Outbound Delivery Order Draft Extension
E_EWM_WhseOutbDeliveryOrder	Warehouse Outbound Delivery Order Header Extension
E_EWM_WhseODOItemDraft	Warehouse Outbound Delivery Order Item Draft Extension
E_EWM_OutbDelivOrdItem	Warehouse Outbound Delivery Order Item Extension

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Application Component	`SCM-EWM-DLP-ENH` (*Delivery Processing - Enhanceability*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Warehouse Inbound Delivery Header Extension
Warehouse Inbound Delivery Item Extension
Warehouse Outbound Delivery Order Draft Extension
Warehouse Outbound Delivery Order Header Extension
Warehouse Outbound Delivery Order Item Draft Extension
Warehouse Outbound Delivery Order Item Extension

12.3.19 Cross-Delivery Handling Units in Advanced Shipping and Receiving

Business Details

With this feature, you can use cross-delivery handling units (HUs) in the outbound process with Advanced Shipping and Receiving. The deliveries that are packed together must fulfill several conditions. Some of those conditions are checked by EWM, and some more conditions are checked by Transportation Management. The system runs the checks when you set the status of the delivery to *Ready for Shipping*, or in the case of immediate loading, when you set the status of the HUs to *Packed for Shipping*.

The cross-delivery HUs must meet the following conditions in EWM:

- All the deliveries involved must have transportation planning type E or F
- Either all the deliveries are relevant for immediate loading or none of them are
- You must set the status *Ready for Shipping* for all the outbound delivery orders involved in the cross-delivery network at the same time. The checks on all HUs or deliveries must be OK to set the status.
- All the deliveries involved must have status *Picking Completed* before you set the status *Ready for Shipping*.

Transportation Management performs checks for shipping points, loading points, doors, and other transport related attributes on the cross-delivery HUs. For more information, see Integration of Cross-Delivery Handling Units in Advanced Shipping and Receiving [page 1087].

You can use cross-delivery HUs in the warehouse driven process (transportation type E) and the transport driven process (transportation type F)

If you are using immediate loading, you can reverse the status *Packed for Shipping* for a cross-delivery HU if this HU is not yet loaded and *Ready for Shipping* is not set. You can reverse the status *Ready for Shipping* even if loading HUs has already started.

If you are not using immediate loading, you can reverse *Ready for Shipping* if loading has not started yet.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`SCM-EWM-DLP` (*Delivery Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Integration of Cross-Delivery Handling Units in Advanced Shipping and Receiving [page 1087]

Cross-Delivery Handling Units
Immediate Loading
Shipping Readiness

12.3.20 Partial Goods Issue for Component Consumption in Manufacturing

Business Details

With this feature, if you use synchronous goods movements for the consumption of components by manufacturing, you can split the goods issue for components consumed from EWM-managed storage locations if less than the full quantity needed is available there. The system post the goods issue for the available quantities and posts the remaining quantity to the *Reprocess Goods Movements* app.

You can't use this feature to split goods issue for components that require serial numbers.

You can't use this feature to split goods issue for batch-managed components.

Implementation Details

Customizing

To split goods issue quantities, you must activate it in one of the following Customizing activities:

- For Repetitive Manufacturing, in Customizing for Production under *Repetitive Manufacturing* > *Control* > *Define Repetitive Manufacturing Profiles*
- For Discrete Manufacturing, in Customizing for Production under *Shop Floor Control* > *Master Data* > *Define Production Scheduling Profile for Discrete Manufacturing*
- For Process Manufacturing, in Customizing for Production Planning for Process Industries under *Process Order* > *Master Data* > *Define Production Scheduling Profile for Process Manufacturing*

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`SCM-EWM-IF-ERP` (*Interface ERP*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

12.3.21 Integration with SAP S/4HANA Cloud Public Edition

Business Details

With this feature, you can integrate SAP S/4HANA Cloud Public Edition with decentralized Extended Warehouse Management (EWM) based on SAP S/4HANA.

You can use this feature if you want to start a business process in SAP S/4HANA Cloud Public Edition but also want to use features that are available only in decentralized EWM based on SAP S/4HANA Cloud Private Edition. For example, the material flow system is exclusive to SAP S/4HANA Cloud Private Edition, as are many cross-docking features and radio frequency features.

Implementation Details

You implement this feature in SAP S/4HANA Cloud Public Edition. For more information, see Integrating Extended Warehouse Management.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`SCM-EWM-IF-ERP` (*Interface ERP*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

12.3.22 Enhancements to Packaging Specification

With this feature, you can enter the description of the packaging specification in several languages at the same time. You can also maintain the long text for levels in different languages at the same time. You can also navigate from the packaging specification overview (transaction `/SCWM/PACKSPEC`) to the material master (transaction `MM03`).

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `/SCWM/PACKSPEC`
Application Component	`SCM-BAS-PAK-PS` (*Packaging Specification*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025

12.3.23 Batch-Specific Units of Measure in Decentralized EWM

Business Details

This feature enables you to work with batch-specific units of measure in decentralized Extended Warehouse Management (EWM) based on SAP S/4HANA during inbound, outbound, and internal warehouse processes, for example, physical inventory, warehouse-internal movements, or change posting.

In the *Maintain Inbound Deliveries* app, you can create a batch using the new action *Create Detailed Batch*. This action allows you to add the actual conversion factor from the batch that was received for a product with a batch-specific unit of measure.

Implementation Details

Customizing

You activate batch-specific units of measure in Customizing for *Extended Warehouse Management* under *Cross-Process Settings* > *Batch Management* > *Activate Batch-Specific Units of Measure*.

You can minimize the number of pick warehouse tasks needed for a material with a batch-specific unit of measure by using example implementation `/SCWM/CL_EI_CORE_RMS_DET_BSUOM` of *BAdI: Filtering and/or Sorting of Quants* in Customizing for *Extended Warehouse Management* under *Business Add-Ins (BAdIs) for Extended Warehouse Management* > *Goods Issue Process* > *Strategies* > *Stock Removal Strategies*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`SCM-EWM-WOP-BF-BM` (*Batch Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

12.4 Delivery and Transportation

12.4.1 Delivery Management

12.4.1.1 SOAP APIs for External Warehouse Management

Business Details

The published APIs enable you to send and receive data to and from a third-party decentralized Warehouse Management system or a third-party logistics provider.

Find the published APIs on the SAP Business Accelerator Hub:

- Warehouse Shipping Order – Send to Warehouse (B2B)
- Warehouse Stock Transfer Shipment Advice – Send to Warehouse (B2B)
- Warehouse Intermediate Update – Receive from Warehouse (B2B)
- Warehouse Shipping Advice Cancel Request – Receive from Warehouse (B2B)
- Split Outbound Delivery – Receive from Warehouse (B2B)
- Warehouse Stock Transfer Receipt Advice Cancel Request – From Warehouse (B2B)
- Warehouse Stock Transfer Receipt Advice – Receive from Warehouse (B2B)
- Warehouse Shipping Advice Cancel Confirm – Send to Warehouse (B2B)
- Warehouse Stock Transfer Receipt Advice Cancel Confirm – To Warehouse (B2B)
- Warehouse Intermediate Update Confirmation – Send to Warehouse (B2B)
- Split Outbound Delivery Confirmation – Send to Warehouse (B2B)
- Warehouse Shipping Advice – Receive from Warehouse (B2B)

Configuration

To use the services, you must first configure them in the S/4HANA system. For this, SAP provides a services group and AIF scenario. For more information about configuring the services in the SOA system, see the related links.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	• `WarehouseShippingOrderRequest_Out` • `WarehouseShippingAdvice_In` • `WarehouseIntermediateUpdate_In` • `WarehouseIntermediateUpdate_In` • `SplitOutboundDelivery_In` • `WarehouseIntermediateUpdateConfirmation_Out` • `WarehouseShippingAdviceCancelRequest_In` • `WarehouseShippingAdviceCancelConfirmation_Out` • `WarehouseStockTransferShipmentAdviceRequest_Out` • `WarehouseStockTransferReceiptAdvice_In` • `WarehouseStockTransferReceiptAdviceCancelRequest_In` • `WarehouseStockTransferReceiptAdviceCancelConfirmation_Out`
Application Component	`LE-IDW` (*Decentralized Warehouse Management System Integration*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

External Warehouse Management Services
Central Configuration

12.4.1.2 Supply to Customer (S2C) Integration

Business Details

You can send deliveries that are relevant for the Supply to Customer (S2C) scenario to EWM.

Implementation Details

You must be using SAP S/4HANA Cloud Private Edition or SAP S/4HANA with EWM in an embedded scenario for this feature to work.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`LE-JIT-S2C` (*Supply to Customer*) `LO-INT-TM-DL` (*Delivery Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Integration of Next Generation Just-In-Time

12.4.1.3 Customizing in Delivery Management

Business Details

In Customizing activity *Activate Decentralized Warehouse System*, you can choose how SAP S/4HANA communicates with the external Warehouse Management system. In addition, Customizing activity *Activate Service-Based Communication* has been removed.

Activate Decentralized Warehouse System has been extended with the table column *Comm. External WM*. This configuration was previously made in Customizing activity *Activate Service-Based Communication*. *Activate Service-Based Communication* has been removed to avoid redundancy.

Implementation Details

You can now select *SOAP Web Services* in the column *Comm. External WM*. This option has been added to enable the external warehouse management services.

Customizing

You can access the Customizing activity in transaction SPRO under *Logistics Execution* > *Integration of External Warehouse Systems*.

If you have already configured external warehouses, you do not have to do anything. The settings you made previously in *Activate Service-Based Communication* are available in *Activate Decentralized Warehouse System* and if you want to update them, you can do so in *Activate Decentralized Warehouse System*.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`SIMG_XXLEIDW2006`
Application Component	`LE-IDW` (*Decentralized Warehouse Management System Integration*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

SOAP APIs for External Warehouse Management [page 1054]

12.4.2 Transportation Management

12.4.2.1 Enhancements for Transportation Network

Business Details

With this feature, you can use a new report, new parameters, and a new GIS provider.

The following functions have been added:

- A new report, *Determine Distances and Durations for DDD Buffer (Selected Documents)* `/SCMTMS/PLN_DDD`, has been made available that lets you determine distances and durations for a set of start and destination locations based on a number of selected business documents and saves the result in the distance and duration determination (DDD) buffer.

  To start the report, on the SAP Easy Access screen, choose *Logistics* > *Transportation Management* > *Master Data* > *Transportation Network* > *Distance and Duration Determination* > *Determine Distances and Durations (Selected Documents)*.

  Alternatively, you can start the report on the *Profile and Layout Sets* screen of the *Transportation Cockpit* app (see "Effects on Existing Data").

  Note that the titles of the following reports have been adapted:

  - *Determine Distances and Durations for DDD Buffer (Selected Geography)* (formerly *Precalculate Distance and Duration for the DDD Buffer*)
  - *Determine Distances and Durations for DDD Buffer (Selected Geography) in Batch* (formerly *Precalculate Distance and Duration for the DDD Buffer in Batch*)
- You can now determine distances and durations using a georouting strategy, for example, if you only have a license to calculate distances and durations using this type of routing. A new parameter for process controller strategies for DDD, `SCP_SS_DD_GEOROUTE_STRAT`, enables the determination of distances and durations using an existing georouting strategy for single routing. In conjunction with this, a second parameter for process controller strategies for georouting, `SCP_SS_GR_DISABLE_GEOGRAPHY`, has been made available to disable the calculation of geometry, for example, to improve the performance of DDD. For large scenarios, however, we recommend using matrix routing for DDD.

  A third parameter, `SCP_SS_GR_VENDOR_API_VERSION`, has been made available for process controller strategies for georouting. It enables you to indicate which GIS provider API version you use (such as the API version of PC*Miler).
- SAP HANA spatial services now supports PTV Developer from geographic information system (GIS) provider PTV. You can now consume the following services:
  - Geocoding
  - Georouting
  - Matrix routing (DDD)
  - Map tiles
- SAP HANA spatial services has improved the support for the “various” parameter and extended its support to all providers for the routing service (which includes georouting and matrix routing (DDD)):
  - HERE
  - TomTom
  - Trimble
  - ESRI
  - PTV

  For example, you can now define maximum vehicle speed, vehicle load type, area avoidance, and many other scenarios.

  For more information, see the documentation offered by the providers on their respective support platform and the SAP Note mentioned below.
- SAP HANA spatial services now offers the ”profile” parameter, which can be used to define the respective profile of the GIS providers PTV and Trimble. This parameter is supported for both georouting and DDD strategies. You can use these profiles to model relevant characteristics of the used vehicle, such as car, van, truck, or truck and trailer.

For more information about the integration with SAP HANA spatial services, see SAP Note 2751622 (Setup Guide for SAP S/4HANA Spatial Services in SCE Applications).

Implementation Details

Customizing

- To enable PTV as a provider for a given GIS strategy, you need to adjust the corresponding vendor parameters. For more information, see Customizing for *Transportation Management* under *Basic Functions* > *Process Controller* > *Assign Method Parameters to a Strategy*.
  Additionally, you need to define PTV as GIS provider and assign the respective strategy and storage settings. For more information, see Customizing for *Transportation Management* under *Master Data* > *Transportation Network* > *Geographical Services* > *Define GIS Providers*.
- To use the "various" parameter, you need to assign the respective process controller parameter, for example, `SCP_SS_GR_VARIOUS` for georouting, to the corresponding strategy in Customizing activity *Assign Method Parameters to a Strategy*.
- To use the "profile" parameter, you need to assign the respective process controller parameter, for example, `SCP_SS_DD_ROUTING_PROFILE` for georouting, to the corresponding strategy in Customizing activity *Assign Method Parameters to a Strategy*.

Effects on Existing Data

In the *Transportation Cockpit* app, a new button, *Start DDD as Background Job (Sel. Docs)*, has been added to the *Profile and Layout Sets* screen.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-MD-TN` (*Transportation Network*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

12.4.2.2 Validation of Charge Types in Agreement Management

This feature enables you to validate the charge types of a charge line when you add a new charge line to any calculation sheet or edit the charge line.

Implementation Details

Customizing

A new checkbox *Disable Extended Check for Charge Types in Agrmt. Management* is available in the Customizing for *Transportation Management*, under *Basic Functions* > *General Settings* > *Define General Settings for TM*.

When you don't select this checkbox, the system enables the validation of the charge types.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-MD-CM` (*Charge Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Charge Types
Validation of Charge Types in Agreement Management

12.4.2.3 Stock Transport Order Scheduling

Business Details

With this feature, you can use transportation requirement routing and scheduling (TRS) when calculating the delivery dates of stock transport orders (STO) in Materials Management (MM). The scheduling of STOs uses the determination capabilities of SAP Business Process Scheduling (BPS), which rely on Transportation Management (TM) for duration determination and scheduling logic.

When you initiate a stock transfer to another storage location, the system attempts to organize the delivery for the requested delivery date. If it can't, for example, due to missing inventory, it schedules the delivery for the next available date. BPS performs the actual scheduling. It uses TM and Available-To-Promise (ATP) data to determine when the stock transport order can be delivered and sets the date in the order. If you change the STO, the system recalculates the delivery date.

Implementation Details

You activate and configure STO scheduling in Customizing. In addition, you must be using advanced ATP to calculate material availability and transportation requirement routing and scheduling (TRS).

Customizing

To configure STO scheduling, you must make the necessary settings in Customizing for TM and BPS.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-INT-LI-OS` (*Order Scheduling*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Integration of Stock Transport Order Scheduling

Change Input Data for Transportation Requirement Routing and Scheduling (TRS) [page 1062]

12.4.2.4 Change Input Data for Transportation Requirement Routing and Scheduling (TRS)

Business Details

With this feature, you can change input data for transportation requirement routing and scheduling (TRS) using BAdI `/SCMTMS/IF_LI_TRS_BTD_CHG` (*Input Data Changes for TRS Functionality*). Using this BAdI, you can change the input data for both sales order scheduling and stock transport order scheduling.

You adapt the data before scheduling begins allowing you control which data the TRS processing uses.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	`/SCMTMS/IF_LI_TRS_BTD_CHG` (*Input Data Changes for TRS Functionality*)
Application Component	`TM-INT-LI-OS` (*Order Scheduling*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Integration of Stock Transport Order Scheduling
Integration of Sales Order Scheduling

12.4.2.5 Simplified Air and Ocean Freight Booking User Interface

Business Details

This feature enables you to activate a simplified version of the air and ocean freight booking user interface. The simplified version offers a streamlined interface with shipper-specific fields and buttons as well as stage-specific carrier invoicing. For processes involving multimodal and subcontracting operations, you can have pre-carriage, main carriage, and on-carriage integrated into one document, prioritizing shipper-relevant information.

Implementation Details

Customizing

The following configurations are available in the *Define Freight Booking Types* Customizing activity under *Application Configuration Settings*:

- Air Booking `/SCMTMS/FRE_BOOK_AIR_ES`
- Ocean Booking `/SCMTMS/FRE_BOOK_OCEAN_ES`

For more information, see Customizing for **Transportation Management** under *Freight Order Management* > *Freight Booking* > *Define Freight Booking Types*.

Effects on Existing Data

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-FRM-FRB` (*Freight Booking*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

12.4.2.6 Ocean Freight Tendering

Business Details

With this feature, you, as a shipper, can use the direct tendering (non-RFQ) process to send a tendering plan or ocean freight booking directly to the carriers.

In direct tendering, a tendering manager from the shipper side starts a tendering process for a freight booking and finalizes the bidding conditions and potential carriers. The tendering manager publishes the tendering plan to all (broadcast tendering) or specific carrier (peer-to-peer tendering). Carriers receive a freight request for quotation (RFQ) as a forwarding order and can confirm or reject the forwarding order. The tendering manager awards the most acceptable quotation. Once the carrier is awarded, then freight booking is updated with the details of the carrier. If the carrier rejects, then the freight booking is sent to the next carrier in the tendering plan. After a carrier is awarded, freight booking cancellations are sent to the other carriers.

> **Note**
>
> You can use ocean freight tendering also with lean services.

Implementation Details

Customizing

- To enable freight tendering for ocean freight bookings, you have to update the *Tendering Settings* for your freight booking type. For more information, see Customizing for *Transportation Management* under *Freight Order Management* > *Freight Booking* > *Define Freight Booking Types*.
  You can update the settings for tendering in the *Define General Settings for Tendering*. For more information, see Customizing for *Transportation Management* under *Freight Order Management* > *Freight Booking* > *Define Freight Booking Types*.
- For freight settlement integration using lean services, a new *BAdI Determine the Default Charge Type* is available in the Customizing for *Transportation Management* under *Business Add-Ins (BAdIs) for Transportation Management* > *Basic Functions* > *Charge Calculation*.
  The new Business Add-In *Determine the Default Charge Type* maps the carrier's proposed amount to a valid charge type, when there are no existing charges in the relevant freight document. The carrier's proposed amount is then considered as the final charge relevant to a transportation service and not as an *Adjusted/Quoted Amount* (*ADJ*) charge. This final amount is then subsequently used in the posting of the freight document.

  > **Note**
  >
  > If there's a valid charge, the system creates an *ADJ* charge to represent the delta amount. In this case, mapping of the carrier's response to a valid charge type using the BAdI isn't required.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	**API**: • `TransportationOrderBookingRequest_Out` • `TransportationOrderBookingConfirmation_In`
Application Component	`TM-FRM-FRT` (*Freight Tendering*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Freight Tendering
Basic Settings for Tendering
Creation of a Tendering Plan
Tendering
Evaluation of Freight Quotations
Tendering Execution

12.4.2.7 Enhancements for Freight Unit Building

Business Details

This feature enables you to leverage improvements for freight unit building.

The following functions have been added:

- In the past, freight unit building allowed up to 99 splits only. Now, up to 999 splits are allowed (automatic or manual splitting).
- If a sales order has multiple unloading points, one delivery document is created for each unloading point since a delivery can only be assigned to one unloading point. In freight unit building, however, one freight unit was created in the past, potentially resulting in a delivery split. Now, unloading points are considered as a hard split criterion during freight unit building. This allows creation of a freight unit per unloading point, avoiding a delivery split due to different unloading points.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-PLN-FU-FUB` (*Freight Unit Building*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Hard Constraints

12.4.2.8 Enhancements for Carrier Determination

Business Details

This feature enables you to display details for each determination rule in the carrier determination profile. Further, carrier determination profiles are now available in the scenario builder app.

The following functions have been added:

- If you select a determination rule in the *Create Carrier Determination Profile* app or the *Edit Carrier Determination Profile* app, a detailed view with all attributes is displayed. You can change attributes for a rule here, too.
- If data is available in hidden fields, a warning is now displayed in the corresponding determination rule. You can make these fields available using personalization.
- You can now add carrier determination profiles with all their available fields to your scenario templates in the *Scenario Builder* app and create scenarios containing these profiles. Further, you can download a zip file containing the spreadsheet with all fields of the carrier determination profile from the *Scenario Builder* app or upload such a zip file to this app.

Implementation Details

Effects on Existing Data

The *Data in Hidden Fields* field is available in the *Create Carrier Determination Profile* app and the *Edit Carrier Determination Profile* app using personalization.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-PLN` (*Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Carrier Determination

12.4.2.9 Enhancements for Profiles and Settings

Business Details

This feature enables you to leverage various improvements for profiles and settings.

The following functions are available:

- You can now change data from the following subprofiles during your planning session using the *Change Planning Settings* dialog box:
  - *Constraints and costs settings*
  - *Unified package building settings*
  - *Capacity availability settings*
  - *Incompatibility settings*

- Subprofiles assigned to a planning profile are now displayed in a table instead of a set of fields. For each assigned subprofile (except selection profiles and carrier selection settings), you can specify whether profile data can be changed during planning sessions. An XPRA is in place.
- The table for the subprofile assignment has also been made available in the *Scenario Builder* app. You can use conversion report `/SCMTMS/SB_TEMPL_CONV_PP_SUBP` to convert scenario templates from earlier releases to the 2025 scenario template format (including the subprofile assignment table).
- In the additional selection attributes for selection profiles, you can now select most of the available fields from the standard query structure (except for example, date/time fields) and customer-specific append structures for freight orders, freight bookings, transportation units, consignment orders, and freight units. To add additional fields (customer-specific or standard) using an append to the query structures, you need to enhance the query logic, too. For more information, see SAP Note 3611306.
  To define additional selection attributes, open the *Create Additional Selection Attributes* app on the launchpad.

Implementation Details

Effects on Existing Data

- The user interface of the *Create Carrier Selection Settings* app and the *Edit Carrier Selection Settings* app has been reworked for usability reasons. The subsections have been renamed and the fields have been rearranged according to these subsections.
- The *XPRA for Moving Subprofile Assignments to a New Database Table* (`/SCMTMS/XPRA_2025_PP_SUB_PRF_N`) updates planning profiles by moving existing subprofile assignments to a new database table during an upgrade.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-PLN-TC` (*Transportation Cockpit*); `TM-PLN-PS` (*Profiles and Settings*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

12.4.2.10 Enhancements for Manual Planning and Transportation Cockpit

Business Details

This feature enables you to leverage various improvements for manual planning and the transportation cockpit.

The following functions have been added:

- You can now display and evaluate key performance indicators (KPIs) for road freight orders, freight unit stages, and truck resources in the transportation cockpit. For more information, see the What's New document for Key Performance Indicators in the Transportation Cockpit [page 1071].
- In the road freight order hierarchy of the transportation cockpit, a new grouping attribute, *Driver*, that allows you to display all freight orders assigned to a driver is available. You can also display all freight orders for a driver on the geographical map.
  You can then do further planning, such as assigning all these freight orders to a truck resource or vice versa. This is now also supported for the grouping attribute *Vehicle Resource*.
  Note, that the new standard grouping attribute *Driver* is available for single drivers only. A stage-wise driver assignment is not supported.
  Further, fields related to driving times and working hours of the freight orders assigned to a driver are now aggregated.
- In the transportation cockpit, you can now see the CO_2 emissions that you have defined for empty and fully loaded vehicles in Customizing. Further, you can see the CO_2 emissions per loaded weight, that means, you can see how much the CO_2 emissions would increase per distance if you added one unit of weight to the load.

Implementation Details

Customizing

A new value, *Driver*, has been added to the *Standard Grouping Attribute* field in the Customizing activity *Define Hierarchical Views for Business Objects*. Note however, that this new value is available for the consumer *Transportation Cockpit: Freight Orders/Freight Bookings* only.

For more information, see Customizing for *Transportation Management* under *Planning* > *General Settings* > *Define Hierarchical Views for Business Objects*.

Effects on Existing Data

- The following fields have been added to the field catalogs for the truck list and the equipment types list:
  - *CO_2 Emissions (Full Load)*
  - *CO_2 Emissions (Empty Load)*
  - *Distance UoM (CO_2 Emissions)*
  - *Weight UoM (CO_2 Emissions)*
  - *CO_2 Emissions (per Loaded Weight)*
- The following fields have been added to the field catalogs for the road freight order list, rail freight order list, air freight booking list, ocean freight booking list, and freight order/freight booking list:

    - *Execution Status*
    - *Execution Status (Description)*
- The following fields have been added to the field catalogs for the road freight order list, rail freight order list, air freight booking list, and consignment order list:
    - *Confirmation Status*
    - *Confirmation Status (Description)*
- The following fields have been added to the field catalogs for the road freight order list, rail freight order list, air freight booking list, ocean freight booking list, and consignment order list:
    - *Subcontracting Status*
    - *Subcontracting Status (Description)*
- A new button, *Send to Carrier*, has been added to the consignment order list.
- A new button choice, *Subcontracting*, has been added to the road freight order list, rail freight order list, air freight booking list, and consignment order list. It offers the following actions:
    - *Set to Confirmed by Carrier*
    - *Set to Rejected by Carrier*
    - *Set to Confirmed with Deviations by Carrier*
- The following fields have been added to the field catalogs for the container unit hierarchy, trailer unit hierarchy, package unit hierarchy, and railcar unit hierarchy:
    - *Carrier (Assigned Freight Document)*
    - *Carrier (Assigned Freight Document) (Description)*

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-PLN-MP` (*Manual Planning*); `TM-PLN-TC` (*Transportation Cockpit*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Use of Drivers in Planning
Greenhouse Gas Emissions
Additional Selection Attributes

12.4.2.11 Key Performance Indicators in the Transportation Cockpit

Business Details

With this feature, you can display and evaluate key performance indicators (KPIs) in the transportation cockpit.

They cover areas such as the following:

- Distance and duration
- Utilization
- Weight
- Volume
- Quantity including normalized quantity
- Charges
- CO_2 emissions

In the transportation KPIs profile, you define which KPIs are displayed in the transportation cockpit and how they are displayed.

The KPIs screen area in the transportation cockpit is collapsible and expandable. It is visible for a planning session all the time, even if you maximize the transportation cockpit or work in dual view mode. The KPIs displayed within the KPIs screen area are updated immediately after each planning, undo, or redo operation. Further, you can see how a KPI changes when you perform a planning operation. The delta value for the KPI, such as +1.5% or -2.0%, lets you easily see whether the KPI has improved or deteriorated or not changed at all. An arrow indicates the trend based on the delta value. It's either red or green depending on the KPI objective. Finally, the previous value of a KPI allows you to compare a KPI before and after a planning operation.

In the lists and hierarchies of the transportation cockpit, you can display fields that allow you to see whether a road freight order, freight unit stage, or truck resource is critical for a specific KPI. You can also display the calculation status, which indicates whether a certain document was considered by the KPI calculation.

> ⓘ Note
>
> - KPIs are supported for road freight orders, freight unit stages, and truck resources only.
> - The display of KPIs allows you to analyze the data of selected freight unit stages, road freight orders, and truck resources. This feature is not intended to be used as a pure analytical tool that allows analyzing data such as all freight orders of the last half year. Therefore, technical limitations such as the KP calculation horizon and warning messages are implemented to prevent the use of the transportation cockpit as a pure analytical tool.
> - If you work with multiple windows, the KPIs screen area is displayed on the main window only.

Implementation Details

In the new app, *Create Transportation KPIs Profile*, you need to define a transportation KPIs profile and select at least one KPI from a list of predefined KPIs. Optionally, you can define filter criteria, threshold values, and

semantic colors for the KPIs. For example, for a utilization KPI, you can define that a utilization of 90 % and higher is fine. The corresponding value is then displayed in green.

You can also define your own KPIs. For more information, see SAP Note 3612870.

For the KPIs screen area to be displayed in the transportation cockpit, you need to specify your transportation KPIs profile on the *Profile and Layout Sets* screen or the *Transportation Cockpit: Selection Criteria* screen, which appear when you open the transportation cockpit.

Effects on Existing Data

The following fields have been added to the field catalogs for the road freight order list and hierarchy:

- *Calculation status (KPI)*
- *Distance per Weight*
- *Distance per Weight UoM*
- *Distance per Volume*
- *Distance per Volume UoM*
- *Distance per Quantity*
- *Distance per Quantity UoM*
- *Distance per Normalized Quantity*
- *Distance per Normalized Quantity UoM*
- *Distance (Loaded) (%)*
- *Duration per Weight*
- *Duration per Weight UoM*
- *Duration per Volume*
- *Duration per Volume UoM*
- *Duration per Quantity*
- *Duration per Quantity UoM*
- *Duration per Normalized Quantity*
- *Duration per Normalized Quantity UoM*
- *Amount per Distance*
- *Amount per Distance UoM*
- *Amount per Weight*
- *Amount per Weight UoM*
- *Amount per Volume*
- *Amount per Volume UoM*
- *Amount per Quantity*
- *Amount per Quantity UoM*
- *Amount per Normalized Quantity*
- *Amount per Normalized Quantity UoM*
- *CO_2 Emissions per Weight*
- *CO_2 Emissions per Weight UoM*
- *CO_2 Emissions per Volume*
- *CO_2 Emissions per Volume UoM*
- *CO_2 Emissions per Quantity*

- *CO_2 Emissions per Quantity UoM*
- *CO_2 Emissions per Normalized Quantity*
- *CO_2 Emissions per Normalized Quantity UoM*
- *Number of Stops*
- *Number of Pick-Up Stops*
- *Number of Delivery Stops*
- *Number of Stops per Distance*
- *Number of Stops per Distance UoM*
- *Number of Pick-Up Stops per Distance*
- *Number of Pick-Up Stops per Distance UoM*
- *Number of Delivery Stops per Distance*
- *Number of Delivery Stops per Distance UoM*

The following fields have been added to the field catalogs for the freight unit stage list and hierarchy as well as the combined freight unit/package unit stage list and hierarchy:

- *Calculation Status (KPI)*
- *Early Delivery Duration*
- *Early Pick-Up Duration*
- *Late Delivery Duration*
- *Late Pick-Up Duration*

The following field has been added to the field catalog for truck resources:

- *Calculation Status (KPI)*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`/SCMTMS/PLN`
	`/SCMTMS/PROF_KPI`

Application Component	`TM-PLN-TC` (*Transportation Cockpit*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Key Performance Indicators in the Transportation Cockpit

12.4.2.12 Calculation of Distances Traveled with or Without Load

Business Details

This feature enables you to have visibility regarding distances that are traveled either with or without load and whether the corresponding transportation stages are empty or not. Based on this information, you are able to measure the efficiency of your fleet by calculating the ratio of the distance traveled with load and the total distance, for example.

This information is displayed in the corresponding lists and hierarchies of the transportation cockpit, the Gantt chart, and the single document user interfaces for road and rail freight orders as well as trailer, container, and railcar units.

Further, Transportation Management provides dedicated key performance indicators (KPI) for road freight orders, freight unit stages, and truck resources in the transportation cockpit. For more information, see the What's New document for Key Performance Indicators in the Transportation Cockpit [page 1071].

Implementation Details

Effects on Existing Data

For business documents that existed before the upgrade and for which no calculation took place, an on-the-fly calculation takes place after the upgrade. The calculated values are saved when you make relevant changes to such a business document and save it.

The following fields have been added to the field catalogs for the lists and hierarchies for road and rail freight orders as well as trailer, container, and railcar units and the lists for trailer, container, and railcar unit stages:

- *Distance (Empty)*
- *Distance (Loaded)*

The following fields have been added to the single document user interfaces for road and rail freight orders as well as for trailer, container, and railcar units:

- *Distance (Empty)*
- *Empty Stage*

Customizing

You activate the calculation of distances (loaded/empty) in Customizing for *Transportation Management* under *Basic Functions* > *General Settings* > *Define General Settings for TM*.

The following fields can be added to the Gantt chart for road and rail freight orders as well as trailer, container, and railcar units:

- *Total Distance*
- *Total Distance UoM*
- *Distance (Empty)*
- *Distance (Loaded)*

For more information, see Customizing for *Transportation Management* under *Basic Functions* > *Gantt Chart* > *Define Field Lists and Label Schemes for Gantt Chart*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-PLN` (*Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Calculation of Distances Traveled With or Without Load

12.4.2.13 Enhancements for Normalized Quantities

Business Details

This feature enables you to use normalized quantities in container scenarios. Further, obsolete code has been removed.

The following functions are available:

- To support normalized quantities in container scenarios, a number of fields have been made available (see "Effects Existing Data").
- In release 2023 FPS0, the determination of normalized quantities (NLQ) was completely decoupled from unified package building (UPB) and the UPB engine *Package Building* (PB). However, NLQs have still been

determined in UPB and PB but the results have no longer been used. The obsolete source code has now been removed.

Implementation Details

Customizing

In the context of the code cleanup, the *UoM of NLQ* field has been removed from the UPB profile. For more information, see Customizing for *Transportation Management* under *Planning* > *Unified Package Building* > *Define Unified Package Building Profile*).

Effects on Existing Data

- In the freight unit stage list for ocean scenarios, the following fields are available using personalization:
  - *Normalized Quantity*
  - *Normalized Quantity UoM*
- The following fields are available in the field catalog for the road freight order hierarchy, the rail freight order hierarchy, the ocean freight booking hierarchy, and the air freight booking hierarchy:
  - *Total Capacity (Normalized Qty)*
  - *Total Capacity UoM (Normalized Qty)*
  - *Consumed Capacity (Normalized Qty)*
  - *Consumed Capacity UoM (Normalized Qty)*
  - *Remaining Capacity (Normalized Qty)*
  - *Remaining Capacity UoM (Normalized Qty)*

> **Note**
>
> - These fields are filled at local container item level.
> - The total capacity and the remaining capacity are filled at document level, stop level, and stage level if a corresponding resource or equipment type is assigned.
> - The consumed capacity is filled at all levels mentioned above.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable

Application Component	TM-PLN-TC (*Transportation Cockpit*); SCM-BAS-PAK-UPB (*Unified Package Building*); SCM-BAS-PAK-PB (*Package Building*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

12.4.2.14 Enhancements for Scheduling and Automatic Planning

Business Details

This feature allows you to restrict the availability of drivers, to process rests that were changed in vehicle scheduling and routing (VSR) optimization, and to define appointments for road freight orders in the transportation cockpit. Further, you can specify whether changes to freight orders in execution are allowed.

The following functions are available:

- In the capacity availability settings of your planning profile, you can now restrict the availability of your drivers in the same way as for vehicles. The same fields that are available on the *Vehicle* tab have been made available on the *Driver* tab.
  Further, a new field, *Consider Driver Unavailability*, has been added that allows you to indicate if the unavailability of your drivers is to be considered as a break, an absence, or not at all. Based on your selection in this field, the unavailability is displayed accordingly in the Gantt chart. An XPRA is in place. Note that these settings are considered by embedded scheduling and VSR optimization (for default drivers) only.
- In your driving and working constraint profile, you can allow that rests can be split into two parts. The VSR optimizer may reassign a split rest as a first or second rest even if the rest is part of a freight order that is considered as context. This may lead to locking issues for freight orders considered as context, which have not been locked for VSR optimization but need updates for changed rests. That means, at least one rest can't be updated because its freight order is locked or was changed in a parallel session. To solve this situation, a trigger is set to change the rest as soon as the freight order is unlocked.
  A tooltip in the Gantt chart indicates whether it is the first or second split rest. In the past, this information wasn't updated for freight orders that are considered as context after a VSR optimizer run. Now, this information is updated after a VSR optimizer run.
- In the past, changes to freight orders that were ready for execution or in execution weren't allowed. These freight orders were considered as fixed by the VSR optimizer. You can now specify in the optimizer settings whether changes to such freight orders are allowed. If you allow changes, the VSR optimizer can reschedule or replan a freight order that is in execution or ready for execution. That means, it can change the part of the freight order that is neither in execution nor ready for execution, for example, add a stop or remove a stop.
- You can now define and change appointments for road freight orders in the transportation cockpit. You can use user parameter `/SCMTMS/SCH_FORCE` to force automatic forward scheduling after you have changed order data.

Implementation Details

Effects on Existing Data

- In the *Create Capacity Availability Settings* app and the *Edit Capacity Availability Settings*, the following new fields have been added:
  - *Consider Driver Unavailability*
  - *Always Available*
  - *Use Availability from Master Data*
  - *Factory Calendar*
  - *Shift Sequence*
- The *XPRA for Availability of Drivers in Capacity Availability Settings* (`/SCMTMS/XPRA_2025_CAVS_DRV_AVA`) is available to ensure that after an upgrade, all drivers are still considered as being always available.
- A new field, *Changes to FOs (Ready for/In Execution)*, has been added to the *Create Optimizer Settings* app, the *Edit Optimizer Settings* app, and the *Change Planning Settings* popup.
- The following fields have been added to the field catalogs for road freight order list and road freight order hierarchy:
  - *Appointment Start Date (Source)*
  - *Appointment Start Time (Source)*
  - *Appointment End Date (Source)*
  - *Appointment End Time (Source)*
  - *Time Zone (Source)*
  - *Appointment Start Date (Destination)*
  - *Appointment Start Time (Destination)*
  - *Appointment End Date (Destination)*
  - *Appointment End Time (Destination)*
  - *Time Zone (Destination)*

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-PLN-SCH` (*Scheduling*); `TM-PLN-VSR` (*Vehicle Scheduling and Routing*); `TM-PLN-TC` (*Transportation Cockpit*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Use of Drivers in Planning

12.4.2.15 Enhancements for Load Planning and Load Consolidation

Business Details

This feature enables you to define a distance and unit of measure for the ruler displayed along the axes of the cargo space. Further, the new generic interface for the load planning optimizer has been made the default interface.

The following functions have been added:

- You can now define the distance and the unit of measure for the ruler that is displayed along the axes of the cargo space of resources and equipment types in the 3D load plan.
- The new generic interface for the load planning optimizer is now the default optimizer interface. It is a prerequisite for using the optimizer engine *Free Positioning*. An XPRA is in place.

Implementation Details

Customizing

- To activate the display of a ruler for resources and equipment types and define the distance and the unit of measure for it, a new section, *Ruler*, with the following new fields has been made available in Customizing:
  - *Distance*
  - *Distance UoM*

  The *Show Labels on Resource/Equipment Type* field has been renamed *Show Ruler for Resources/ Equipment Types* and moved into this new section.

  For more information, see Customizing for *Transportation Management* under *Basic Functions* > *Load Planning* > *Define Layouts for 3D Load Plan* > (*Layouts* view).
- The *Color* section on the *Layouts* view of the Customizing activity *Define Layouts for 3D Load Plan* has been reworked and renamed *Colors*. The fields have been rearranged and partly renamed for better usability. And finally, the *Weight Group* field has been moved from the *Display Settings* section to this section.
- A new checkbox, *Use Old Interface for Load Planning Optimizer*, that allows you to switch to the old interface for the load planning optimizer has been made available. The checkbox *Use New Interface for*

Load Planning Optimizer has been removed. For more information, see Customizing for *Transportation Management* under *Basic Functions* > *General Settings* > *Define General Settings for TM*.

Effects on Existing Data

The *XPRA for Switching the Default Interface for Load Planning Optimizer* (`/SCMTMS/XPRA_2025_LSO_DEF_INTF`) sets the checkbox *Use Old Interface for Load Planning Optimizer* based on the value of the checkbox *Use New Interface for Load Planning Optimizer* to ensure backward compatibility during an upgrade.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-PLN-LP` (*Load Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Automatic Load Planning
Load Plan

12.4.2.16 Freight Agreement Determination of Freight Bookings for Stage Invoicing Carriers

Business Details

With this feature, the system calculates freight charges based on the freight agreements that are determined for each stage invoicing carrier and header carrier for freight bookings. In freight bookings, freight agreement determination and subsequent charge calculation are based on the stage-level invoicing carrier, transportation mode, shipping type, and other mandatory attributes, for example, validity period and involved parties.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	• `TM-FRM-FRB` (*Freight Booking*) • `TM-FRA` (*Freight Agreement*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Freight Agreement Determination of Freight Bookings for Stage Invoicing Carriers

12.4.2.17 Freight Settlement Integration using Lean Services

Business Details

With this feature, you can post your freight settlements to the Materials Management (MM) using lean service-based integration.

The *Sourcing and Procurement* area in SAP S/4HANA has been harmonized with a single master data object using the product/material master of type *Service*. Procurement in Transportation Management (TM) primarily deals with the procurement of services and settlement of these procured services that are delivered by the logistics service providers (LSPs) or carriers. The harmonized service procurement process makes the entire operation consistent across system landscapes.

The following functions are available:

- Verification of invoices at a more granular level for transportation processes. This helps verify the invoices more accurately as you can verify the invoices at charge type level. For example, you can verify the invoices for charge types like basic freight charges or loading charges.
- Support of invoice reduction for TM.
- For invoice verification, relevant data for TM such as quantities, rates, and references from freight documents are available in Materials Management (MM).
- Processing of unplanned freight costs and handling variances in invoices.
- Posting of freight cost is possible with universal parallel accounting.

- Simplification of change management process that involves less active documents during freight settlement process.

Implementation Details

Customizing

A new checkbox, *TM Settlement Integration based on MM External Services Mgmt (MM SRV)*, is available in Customizing for *Transportation Management*, under *Basic Functions* > *General Settings* > *Define General Settings for TM*.

When you don't select this checkbox, the system posts the freight settlements to the financials using the lean services. By default, this checkbox isn't selected.

New Apps

There are three new settlement apps for lean service procurement:

- *Monitor Freight Documents for Accrual*
  With this app, you can monitor your freight documents to post accruals.
- *Monitor Freight Settlements for Accrual*
  With this app, you can monitor the postings of freight settlements.
- *Manage Variance Posting Errors*
  With this app, you can monitor the errors that arise when you post a price variance for a carrier invoice.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	• 6W4 (Freight Settlement) • 22Z (Procurement of Services)
Technical Object Name	Not applicable
Application Component	• `TM-FRS` (*Freight Settlement*) • `TM-FRS-IV` (*ERP Invoice Verification*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Invoice Reduction: Correcting Quantities or Values
Monitor Freight Documents for Accrual
Monitor Freight Settlements for Accrual
Manage Variance Posting Errors
Invoicing Freight Orders to Support Transportation Management for Lean Services [page 1018]

12.4.2.18 New Handling Execution Status: Cargo Ready for Loading

Business Details

With this feature, you can use the handling execution status *Cargo Ready for Loading*, which, when so customized, starts the creation of customs invoice and export declaration before the goods are loaded onto a truck in an Advanced Shipping and Receiving process.

The status is available on the single document user interface of freight orders (FO) in Transportation Management (TM), but its use is optional. When in use, you can set the status after the warehouse processing status is set to *Completed*. The status precedes handling execution status *Loading Completed*, and can be configured as a prerequisite to customs documents requests. You can revert the status anytime before the customs documents have been created.

Additionally, you can set up your system so that automatic consignment order creation happens when the status is set. Similarly, you can configure it so that the status triggers output processing such as the printing of transport documents or advanced shipping notifications (ASN).

Implementation Details

Customizing

A new event, *Cargo Ready for Loading*, is available in Customizing for **Transportation Management** under *Freight Order Management* > *Execution Settings* > *Define Event Profiles*. You can choose to make the event mandatory or optional. If used together with customs processes, setting the event to mandatory is recommended.

In your *Customs Profile* in Customizing for **Transportation Management** under *Basic Functions* > *Global Trade* > *Define Customs Activities and Profiles*, you define whether *Cargo Ready for Loading* is to be a prerequisite to customs document requests.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-FRM-STS` (*Statuses, Events, and Block Handling*) `TM-CF-GT-GTS` (*GTS Integration*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

SAP GTS Integration for the Outbound Process
Explanation of Statuses of Business Documents
Statuses in the Integration with SAP GTS (Outbound Process)

12.4.2.19 Obsoletion of Legacy Handling Execution Function

Business Details

With this feature, the legacy program logic of the handling execution status, which was displaced with release 2023, has been made obsolete. Also, the switch mechanism that granted access to the legacy event and handling execution statuses has been discontinued.

For current users of the switch mechanism, manual steps are required to either transition to the new logic or create an enhancement to activate the legacy logic. The activation and use of the legacy logic is only possible until release 2027. Users of the legacy execution handling must migrate to the new handling execution functionality by then.

For more information, see:

- SAP Note 3485221
- SAP Note 3604804
- Simplification item S4TWL - TM - Deprecation of non-Event-based Execution Handling

Implementation Details

Effects on Existing Data

User parameter `/SCMTMS/EVP_ACTIVE` has been disabled.

Key `/SCMTMS/C_SWITCH (HES_PROCESSING)`, used to activate the legacy logic across the entire system, has been disabled.

In the short term, you can choose to continue using the legacy program logic by enhancing method `/SCMTMS/CL_TOR_EV_PROC_ACTIVE=>IS_LEGACY_HES_EV_PROC_INACTIVE`. This alternative is available until release 2027, when the legacy program logic of the handling execution status is scheduled to be deleted.

Technical Details

Type	Obsolete
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-FRM-STS` (*Statuses, Events, and Block Handling*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

12.4.2.20 Enablement of STO Execution with EWM Warehouse

Business Details

This feature enables you to perform the transportation of stock transport orders (STO) of goods in a warehouse managed by Extended Warehouse Management (EWM).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-INT-LI-EMW` (*Advanced Shipping and Receiving-Based Integration with EWM*) `TM-INT-LI-MM` (*Integration with Material Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Integration of Stock Transport Orders

12.4.2.21 Automatic Derivation of Status Ready for Transportation Execution

Business Details

This feature enables you to customize your system so as to have the system automatically derive the execution status *Ready for Transportation Execution* when you trigger the reporting of the first execution-relevant event or set the execution status for the first stop in the freight document. The status is now also modeled as an event.

Implementation Details

Customizing

You can activate the automatic derivation of *Ready for Transportation Execution* by selecting your preferred *Ready for Execution Behavior* in Customizing for *Transportation Management* under *Freight Order Management* > *Execution Settings* > *Define Event Profiles*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-FRM-STS` (*Statuses, Events, and Block Handling*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

12.4.2.22 Integration of Cross-Delivery Handling Units in Advanced Shipping and Receiving

Business Details

This feature enables you to integrate and execute the transportation of cross-delivery handling units (HU) based on Delivery Management (LE-SHP) outbound deliveries in any Advanced Shipping and Receiving (Adv. SR) process.

In both transport- and warehouse-driven scenarios, you can create HUs for items in different outbound deliveries and communicate the packaging information to Transportation Management (TM). In TM, this information is displayed as package item in the freight unit.

Deliveries packed into cross-delivery HUs can have different sold-to parties but must have the same ship-to party.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable

Application Component	`TM-INT-LI-EWM` (*Advanced Shipping and Receiving-Based Integration with EWM*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Cross-Delivery Handling Units

12.4.2.23 Enhancements for DG Handling Using Product Compliance

Business Details

With this feature, you can perform a mixed loading check for items in freight units, freight orders, and freight bookings using SAP's Product Compliance. Further, new print documents and a new Business Add-In (BAdI) are available.

During freight unit building, the system ensures that only freight units with compatible products are created. During vehicle scheduling and routing (VSR) optimization, the system ensures that only freight orders and freight bookings with compatible freight units are created. During load consolidation, the system ensures that only transportation units with compatible freight units are created. However, incompatible freight units can be planned on the same capacity document as long as they're physically separated. For example, they can be in different containers within the same freight booking or on a truck and trailer of a freight order.

For more information, see the What's New document for Integration of the Mixed Loading Check in Value Chain Processes [page 785] (Product Compliance).

The following print documents are now available in the Post Processing Framework (PPF). They contain dangerous goods (DG) information based on Product Compliance:

- IMO dangerous goods declaration
- ADR dangerous goods note
- RID dangerous goods note
- US bill of lading
- Canadian bill of lading

For more information, see the What's New document for Printing of Dangerous Goods Freight Documents for Road, Rail, and Ocean Transport [page 781] (Product Compliance).

Implementation Details

Customizing

To use the mixed loading check during freight unit building, load consolidation, and VSR optimization, you must assign the methods `FUB_DG`, `ALC_PRE_DG`, and `VSR_DG` to the relevant process controller strategy. For more information, see Customizing for *Transportation Management* under *Basic Functions* > *Process Controller* > *Assign Methods to a Strategy*.

The new BAdI *BAdI: Definition of Data for Product Compliance Integration* allows you to modify the behavior of the DG check API call. For more information, see Customizing for *Transportation Management* under *Business Add-Ins (BAdIs) for Transportation Management* > *Basic Functions* > *Dangerous Goods* > *Integration with Product Compliance* > *BAdI: Definition of Data for Product Compliance Integration*.

Effects on Existing Data

The following print documents have been enhanced with DG information based on Product Compliance:

- Road waybill (Europe)
- Master bill of lading (sea)

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3G8 (Dangerous Goods in the Value Chain)
Technical Object Name	Not applicable
Application Component	`TM-CF-DG` (*Dangerous Goods*); `TM-BF-OM` (*Output Management*); `EHS-SUS-DG` (*Dangerous Goods*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Configuration of Dangerous Goods Processing
Configuration of Printing

12.4.2.24 Customs Update for Export Declarations

Business Details

With this feature, you can change export declarations after they have been sent to customs authorities. Previously, in Transportation Management, this was only possible by canceling the existing document and resubmitting the declaration. This makes it a lot easier and less time-consuming to update a submitted export declaration.

Implementation Details

You enable customs update for a given customs profile and can update any export declarations that are relevant to that profile. After it is enabled, you can activate customs update in the freight document and make changes to the order. When you save the changes, the relevant export declaration is also updated.

> **Note**
>
> - You can't add additional freight units to an existing export declaration using customs update. For this, you must first cancel the document and resubmit it.
> - By default, updating a declaration isn't active. You can activate it for the jurisdictions that allow it. SAP does not offer guidance on which regions allow this update method. It is your responsibility to determine the regions that it is allowed in and activate it only for those regions.

Documentation Updates

As part of this development, we have restructured the documentation. All existing bookmarks and links still work but the content has been reordered slightly to improve readability and better reflect the current state of the product.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable

Technical Object Name	App:
	Display Freight Order
	Display Consignment Order
	Customizing:
	Define Customs Activities and Profiles (*Transportation Management* > *Basic Functions* > *Global Trade*)
	Database Tables:
	`/SCMTMS/D_TORCCP` (*Customs Activity*)
	Communication Scenario (Message):
	`<ExportDeclarationSUITERequest>`
	`<ExportDeclarationSUITEConfirmation>`

Application Component	`TM-CF-GT` (*Global Trade*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Customs Update for Export Declarations
Changing Export Declarations

12.4.2.25 Enhancements for Transportation Collaboration Applications

Business Details

This feature enables you, as a carrier or an additional agreement party, to leverage various enhancements for the collaboration applications.

The following features have been enhanced for the app *Manage Freight Invoices*:

- Differentiate the charge lines with colors based on their dispute status.
  If a charge line is green, then there are no disputes. Manually added or edited charge lines are marked red. The charge lines that you've excluded from the invoice using the *Exclude* button aren't color-coded.
- Permanently delete invoices with the status *Not Submitted*.
- Delete the charge lines that you've added to the invoice.
- Add a note to the credit memo, when you create credit memo for invoices with the status *Submitted*.

- Recall a *Submitted* or *For Approval* invoice.
- View the *Proposed Gross Amount* and *Gross Amount* for all the invoice items.

The following features have been enhanced for the app *Manage Charges for Freight Orders*:

- Differentiate the charge lines with colors based on their dispute status.
  If a charge line is green, then there are no disputes. Manually added or edited charge lines are marked red. The charge lines that you've excluded from the invoice using the *Exclude* button aren't color-coded.
- Delete the charge lines that you've added to the invoice.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	**App ID**: • `F7104` • `F7106`
Application Component	`TM-CA- FRS` (*Freight Settlement*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Charges for Freight Orders
Manage Freight Invoices

12.4.2.26 CDS Views for Transportation Management

Business Details

The new CDS views are released to help retrieve customizing records, provide domain fixed values, and access information on key aspects of transportation order management. Additionally, some legacy CDS views have been migrated to new versions to align with standard guidelines.

New CDS Views Released

CDS View Name	Description	CDS View Type	Application Component
I_TranspOrdCreationType	Transportation Order Creation Type	Fixed Domain	TM_CF_VDM
I_TranspOrdInvcgCarrierLevel	Transportation Order Invoicing Carrier Level		
I_TransportationUnitCategory	Transportation Unit Category		
I_TranspRequestCategory	Transportation Request Category		
I_TranspOrdMovementCategory	Transportation Order Movement Category		
I_TranspOrdDocCheckStatus	Transportation Order Document Check Status		
I_TranspDOXDocComprnStatus	Transportation DOX Document Comparison Status		
I_TranspOrderFixingStatus	Transportation Order Fixing Status		
I_TranspComplianceStatus	Transportation Compliance Status		
I_TranspOrdCrsDocChkStatus	Transportation Order Cross Document Check Status		
I_TrOrdRqmtAssgmtFxngStatus	Transportation Order Requirement Assignment Fixing Status		
I_TranspOrdStageSeqType	Transportation Order Sequence Type of Stage		
I_TrOrdSubcontrgConfStatus	Transportation Order Subcontracting Confirmation Status		
I_TranspOrdItemHndlgExecSts	Transportation Order Item Handling Execution Status		
I_TranspOrdStgeInvcgCarrLvl	Transportation Order Stage Invoicing Carrier Level		
I_TranspAgreementPrtnFunc	Transportation Agreement Partner Function		
I_TrOrdCO2EmsnsAllocMeth	Transportation Order CO2 Emissions Allocation Method		
I_TranspOrdStageDestStopCat	Transportation Order Stage Destination Stop Category		

CDS View Name	Description	CDS View Type	Application Component
I_TranspOrdCstmsActyInb	Transportation Order Customs Activity Inbound		
I_TransportationOrderStage_2	Transportation Order Stage		
I_TranspOrdStopHndlgExecSts	Transportation Order Stop Handling Execution Status		
I_TrOrdCurrentExecutionStop	Transportation Order Current Execution Stop		
I_TranspOrdStopASRRelevance	Transportation Order Stop ASR Relevance		
I_TranspWarehouseCategory	Transportation Warehouse Category		
I_TranspCarrierOriginOfEntr	Transportation Carrier Origin of Entry		
I_TrOrdSubcontrgConfStatus	Transportation Order Subcontracting Confirmation Status		
I_TranspOrderMultipleItem	Transportation Order Item Multiple Item		
I_TranspOrdStopHndlgExecSts	Transportation Order Stop Handling Execution Status		
I_TranspCustomsStatus	Transportation Customs Status	Customizing	
I_TranspMeansOfTransport	Transportation Means of Transport		
I_TranspCompanyOrg	Transportation Company Organization		
I_TranspPlngAndExecutionGrp	Transportation Planning and Execution Group		
I_TranspPlngAndExecutionOrg	Transportation Planning and Execution Organization		
I_TranspPurchasingGroup_2	Transportation Purchasing Group		
I_TranspPurchasingOrg_2	Transportation Purchasing Organization		
I_TranspSalesGroup	Transportation Sales Group		

CDS View Name	Description	CDS View Type	Application Component
I_TranspSalesOffice	Transportation Sales Office		
I_TranspSalesOrg	Transportation Sales Organization		
I_TranspIATALocationCode_2	Transportation IATA Location Code		
I_TranspUNLocationCode_2	Transportation UN Location Codes		
I_TransportationOrder_2	Transportation Order	Transportation Management Order	TM_FRM_VDM
I_TransportationOrderItem_2	Transportation Order Item		
I_TransportationOrderStop_2	Transportation Order Stop		
I_BusTransDocItemTypeCode	Transportation Business Transaction Document Item Type Code		

Legacy CDS Views Migrated

CDS View Name	Description	CDS View Type	Application Component
I_TransportationOrderCategory	Transportation Order Category	Fixed Domain	TM_CF_VDM
I_InvoicingIsBlocked	Invoicing is Blocked		
I_TranspOrdLifeCycleStatus	Transportation Order Life Cycle Status		
I_TranspOrdPlanningStatus	Transportation Order Planning Status		
I_TransportationOrderExecSts	Transportation Order Execution Status		
I_TranspOrdDngrsGdsStatus	Transportation Order Dangerous Goods Status		
I_TranspOrdSubcontractingSts	Transportation Order Subcontracting Status		
I_TranspOrdWhseProcgStatus	Transportation Order Warehouse Processing Status		
I_TranspOrdGoodsMvtStatus	Transportation Order Goods Movement Status		
I_TranspOrdTrafficDirection	Transportation Order Traffic Direction		
I_FrtDsputCaseStatus	Freight Dispute Case Status		

CDS View Name	Description	CDS View Type	Application Component
I_TranspMovementType	Transportation Order Movement Type		
I_TranspOrdItemCategory	Transportation Order Item Category		
I_TranspOrdBookingConfSts	Transportation Order Booking Confirmation Status		
I_TranspOrdStageCategory	Transportation Order Stage Category		
I_TransportationModeCategory	Transportation Mode Category		
I_TranspOrdStagePlnStatus	Transportation Order Stage Planning Status		
I_TranspOrdPlanningBlock	Transportation Order Planning Block		
I_TranspOrdExecutionIsBlocked	Transportation Order Execution Block		
I_TranspOrdStopCategory	Transportation Order Stop Category		
I_TranspOrdStopRole	Transportation Order Stop Role		
I_TranspOrdStopSqncPosition	Transportation Order Stop Sequence Position		
I_TranspOrdStopWrhsDoorStatus	Transportation Order Stop Warehouse Door Status		
I_TranspOrdEventStatus	Transportation Order Event Status		
I_TranspOrdExecInfoSource	Transportation Order Execution Information Source		
I_TransportationOrderType	Transportation Order Item	Customizing	
I_TranspOrdItemType	Transportation Order Item Type		
I_TranspOrdStageType	Transportation Order Stage Type		
I_TranspSCACCode	Transportation Standard Carrier Alpha Code		
I_TranspAirlineIATACode	Transportation Airline IATA Code		
I_TransportationMode	Transportation Mode		

CDS View Name	Description	CDS View Type	Application Component
I_TranspOrdShippingType	Transportation Shipping Type		
I_BusTransDocTypeCode	Transportation Business Transaction Document Type Code		
I_TranspOrdEventCode	Transportation Order Event Code		
I_TransportationActivity	Transportation Activity		
I_DiscrepancyType	Transportation Order Discrepancy Type		
I_TranspExecDscrcySubCat	Transportation Order Execution Discrepancy Subcategory		
I_TranspRecordingMethod	Transportation Method Used to Perform the Task		
I_TranspOrdDocRef_2	Transportation Order Document Reference	Transportation Order Management	TM_FRM_VDM
I_TransportationOrderEvent	Transportation Order Event		
I_TranspOrdItemDocRef_2	Transportation Order Item Document Reference		

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	See the table above
Application Component	See the table above
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

CDS Views for Customizing
CDS Views for Fixed Domain

CDS Views for Transportation Order Management

12.5 Advanced Order Promising

12.5.1 Alternative-Based Confirmation (CA-ATP-ABC)

12.5.1.1 Partial Deliveries in Alternative-Based Confirmation

Business Details

With this feature, restrictions on the number of partial deliveries created for the sales order item are considered during subitem creation when you check availability with Alternative-Based Confirmation (ABC).

Implementation Details

Two fields on the *Shipping* screen for sales order documents can be used to configure partial deliveries:

- Field *Maximum Number of Partial Deliveries Allowed Per Item* can be used to restrict the number of deliveries that can be created for the sales order item. Alternative-Based Confirmation (ABC) creates subitems with a total number of shipping/route combinations that is less than or equal to the number of allowed partial deliveries specified for the main sales order item.
- Field *Partial Delivery at Item Level* to restrict dates and quantities when deliveries are created. For more information about how the settings for *Partial Delivery at Item Level* impact the availability check result, see Partial Deliveries.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F5354` (*Configure Alternative Determination*)
Application Component	`CA-ATP-ABC` (*ATP: Alternative-Based Confirmation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Valid as Of	2025

Related Information

Configure Alternative Determination
Partial Deliveries
Example: Partial Deliveries in Alternative-Based Confirmation (ABC)

12.5.1.2 Original Storage Location as Hard Constraint

Business Details

With this feature, you can ensure that alternative confirmations are considered only if they are sourced from the originally requested storage location and plant.

To do this, the *Configure Alternative Determination* app has been enhanced to offer a new hard constraint, *Original Storage Location*.

Implementation Details

When you define a new alternative determination in the *Configure Alternative Determination* app by selecting *Create with Attribute and Constraint*, you can add *Original Storage Location* as a constraint in the *Hard Constraint* subsection. The automatically inserted operator `must be used` ensures that the constraint is applied without exception.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F5354` (*Configure Alternative Determination*)
Application Component	`CA-ATP-ABC` (*ATP: Alternative-Based Confirmation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Related Information

Configure Alternative Determination
Determining Alternatives
Rating Attributes and Hard Constraints

12.5.1.3 Additional Subitems for Remaining Quantity

Business Details

With this feature, you can define how remaining open quantity is to be used.

In addition to being able to decide if remaining open quantity should be assigned to the original request or the leading substitution, the *Configure Substitution Strategy* app has now been enhanced to include a new configuration option, the *Force New Subitem for Remaining Quantity* checkbox.

Implementation Details

Despite all substitutions performed by Alternative-Based Confirmation (ABC), it may be the case that no full confirmation can be created for a requirement. If subitems are created by the system, the total of all requested quantity for all subitems equals the confirmed quantity of the main item. The concept *Remaining Open Quantity* is, therefore, requested quantity for which no confirmation exists.

The *Configure Substitution Strategy* app already offers a configuration option for deciding to which combination of material, plant, and storage location any remaining open quantity is to be assigned, the *Assign Remaining Open Quantity to* dropdown. You can use the new *Force New Subitem for Open Quantity* checkbox to clearly separate confirmations and remaining open quantity by always assigning any remaining open quantity to a subitem for which no confirmation exists:

- If you do not choose the new checkbox, any open quantity is assigned to a subitem created for a confirmation.
- If you choose the new checkbox, a separate subitem for the remaining open quantity is created, even when a subitem for the same combination of material, plant, and storage location results from the confirmations.

If you choose *Allow Inline Substitution and Subitem Generation* in the *Substitution Item Type* dropdown, the configuration option *Force New Subitem for Open Quantity* has no impact on how the system decides between inline substitution and subitem generation. If you choose *Force Subitem Generation*, the *Force New Subitem for Open Quantity* option is applied.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: F2699 (*Configure Substitution Strategy*)
Application Component	CA-ATP-ABC (*ATP: Alternative-Based ConfirmationATP: Alternative-Based Confirmation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Configure Substitution Strategy
Remaining Open Quantity Assignment
Substitution Item Types

12.5.1.4 Assignment of Remaining Quantity for Forced Inline Substitution

Business Details

With this feature, you can assign remaining open quantity when inline substitution takes place.

You can now use the configuration option *Force Inline Substitution* to assign remaining open quantity when inline substitution takes place. (The Option "Assign Remaining Open Qty to" was previously greyed out if the setting "Substitution Item Type" was chosen as "Force Inline Substitution". The new feature is that the option "Assign Remaining Open Qty to" can be maintained in the same way for all item types.)

Implementation Details

If you choose *Force Inline Substitution* in the *Substitution Item Type* dropdown and *Leading Substitution* for *Assign Remaining Quantity*, inline substitution replaces the originally requested plant with the leading plant defined in the substitution master data.

The inline substitution to the leading substitute only takes place, if, in addition, there is no confirmation. If there is a confirmation, then the plant from the confirmation is taken.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F2699` (*Configure Substitution Strategy*)
Application Component	`CA-ATP-ABC` (*ATP: Alternative-Based Confirmation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Configure Substitution Strategy
Remaining Open Quantity Assignment

12.5.1.5 Improved Logging Capabilities for Alternative-Based Confirmation

Business Details

With this feature, you can display and analyze logged data for availability checks run with Alternative-Based Confirmation (ABC).

To assist with tracing and error analysis, the different steps during alternative determination and availability checks run with ABC can now be logged in *Analyze Application Log* (transaction `SLG1`).

Implementation Details

Customizing

To use this feature, go to *Cross-Application Components* > *Advanced Available-to-Promise (aATP)* > *Application Log* > *Configure Parameters for Application Log*. There, define *Trace* as granularity and set the

validity period for the application log. Note that you can activate logging for specific, named users or for all users (by entering ***** in the *User Name* column.)

In transaction **SLG1**, use object ATP (description: *Availability Check*) and enter the name of the user who triggered the availability check with ABC. When logs are displayed, use the *Manage Layouts* button to add the *Sort Criterion* column and then filter for sort criterion **ABC**.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	Transaction: SLG1 (*Analyze Application Log*)
Application Component	CA-ATP-ABC (*ATP: Alternative-Based Confirmation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Customizing for Alternative-Based Confirmation

12.5.1.6 Extensibility Option for Modifying Substitution Results

Business Details

With this feature, you can use a Business Add-In (BAdI) to modify the list of substitutes determined during an availability check with Alternative-Based Confirmation (ABC).

When the availability for a requirement is checked with ABC, additional substitute requirements are created with different products, plants, storage locations, or sources of supply, according to the substitution methods defined for the relevant substitution strategy. You can now use BAdI BADI_ATP_ABC_ENRCD_SUBSTN_RSLT to modify the substitution result by removing substitutes from the result list, influencing the priority of specific substitutes, or changing the shipping point of substitutes.

Implementation Details

For more information about implementation and Customizing, see Extensibility: Business Add-In (BAdI) for Modifying the Substitution Result.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	• Business Add-In: `BADI_ATP_ABC_ENRCD_SUBSTN_RSLT` • App ID: `F2699` (*Configure Substitution Strategy*)
Application Component	`CA-ATP-ABC` (*ATP: Alternative-Based Confirmation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Configure Substitution Strategy

12.5.1.7 Cross-Navigation from Follow-Up Substitution Strategy to Substitution Strategy

Business Details

With this feature, you can now navigate from follow-up substitution strategies to substitution strategies.

The *Configure Substitution Strategy* app has been enhanced to include a new column on the *Follow-Up Strategies* subscreen, *Related Strategies*, that contains the number of substitution strategies in which the follow-up substitution strategy is used. Equally, on the detail screen for a follow-up strategy, you can now use the *Show Related Substitution Strategies* pushbutton to navigate to the substitution strategies in which the follow-up substitution strategy is being used.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F2699` (*Configure Substitution Strategy*)
Application Component	`CA-ATP-ABC` (*ATP: Alternative-Based Confirmation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Configure Substitution Strategy

12.5.1.8 Maximum Sequence Number in Alternative Determination

Business Details

With this feature, you can use a new rating attribute to determine alternative confirmations for a requirement.

The *Configure Alternative Determination* app has been enhanced to include a new rating attribute, *Maximum Sequence Number*. When you define a new alternative determination, you can use the new rating attribute to find substitutes with high sequence numbers (represented by the *Ordinal Number* field on the *Rating Attribute* subscreen).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)

Technical Object Name	App ID: F5354, *Configure Alternative Determination*
Application Component	CA-ATP-ABC (*ATP: Alternative-Based Confirmation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Rating Attributes and Hard Constraints
Configure Alternative Determination

12.5.1.9 With Creation of Stock Transport Document

Business Details

With this feature, you can simplify logistical processes by triggering the automatic creation of transport orders to move stock from substitute plants or storage locations to the plant or storage location originally requested in an order.

The delivery plant or storage location for a requested quantity of materials may not be the same plant or storage location as the supplying plant if, for example, a specific plant must be used for shipping but does not have the production or warehouse capacity to keep sufficient stock. To handle this kind of requirement, you can now configure substitution strategies to automatically create stock transport orders to move requested quantity from a substitute plant or storage location to the originally requested plant or storage location.

Implementation Details

To ensure that stock transport documents are created automatically for subsituted plants or storage locations, switch on the advanced configuration option *With Creation of Stock Transport Document* in the Configure Substitution Strategy app. Note that if a substitute plant or storage location is used to provide stock, the sales order states the originally requested plant or storage location (to which stock is moved using the stock transport orders).

Futhermore, the rating attribute *Minimum Consumption Priority* has been introduced in the Configure Alternative Determination app to ensure that stock in the originally requested plant or storage location for an order is prioritized over the stock available at a substitute plant or storage location.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F2699` (*Configure Substitution Strategy*)
Application Component	`CA-ATP-ABC` (*ATP: Alternative-Based Confirmation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Configure Substitution Strategy
Configure Alternative Determination
Determining Alternatives
Rating Attributes and Hard Constraints

12.5.2 Backorder Processing (CA-ATP-BOP)

12.5.2.1 First Come First Served (FCFS) in Backorder Processing (BOP)

Business Details

With this feature, the system ensures that the availability check gives priority to earlier sales documents and stock transport orders even when later orders are altered.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	Not applicable
Application Component	`CA-ATP-BOP` (*ATP: Backorder Processing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

First Come First Served (FCFS) in BOP

12.5.2.2 Extensibility Option for Requirements Processed in Backorder Processing

Business Details

This feature enables you to modify selected requirements defined in the Backorder Processing (BOP) variant during the Backorder Processing (BOP) run.

The following Business Add-Ins (BAdIs) allow you to insert, reorder (re-prioritize), or remove requirements and enable flexible adjustments to the requirements processed in a BOP run:

- Insert: BAdI: `ATP_BOP_INSERT_REQUIREMENTS` - Insert additional requirements into the list of selected requirements during the BOP run.
- Reorder: BAdI: `ATP_BOP_REORDER_REQUIREMENTS` - Reorder requirements during the BOP run.
- Remove: BAdI: `ATP_BOP_REMOVE_REQUIREMENTS` - Remove requirements from the list of selected requirements during the BOP run.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)

Technical Object Name	BAdI:
	`ATP_BOP_INSERT_REQUIREMENTS`
	`ATP_BOP_REORDER_REQUIREMENTS`
	`ATP_BOP_REMOVE_REQUIREMENTS`

Application Component	`CA-ATP-BOP` (*ATP: Backorder Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

12.5.2.3 Modernized Monitor BOP run Application

Business Details

With this feature, the Monitor BOP app displays the results of Backorder Processing (BOP) runs for various applications. These applications include Configure BOP Variant app, the Manage Confirmations for Backorders app, and BOP runs using the application programming interface (API).

The app displays the confirmation status of requirements at different levels of granularity. It also offers filtering options for issue types. Additional filters on the initial list page allows users to restrict the result set based on different criteria.

Changes to the User Interface

The following UI changes have been made:

- The initial list page now includes a new filter bar. This feature restricts list entries for specific Backorder Processing runs.
- Issue types such as Confirmation, Processing, and Update are now available as filter options instead of being in a tabbed view. The total number of results for each type appears as the table heading or within the filter, rather than in a tab.
- You can save personalized lists as variants to enhance personalization.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)

Technical Object Name	App ID: `F2159 (Monitor BOP Run)`
Application Component	`CA-ATP-BOP` (*ATP: Backorder Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

12.5.2.4 Fine Granular Control in Availability Change Log with ATP Categories

Business Details

With this feature, users can control the selection of requirements for Backorder Processing (BOP) run by specifying the ATP Relevant Document Categories in a BOP Variant.

Users can now selectively include requirements for material, plant, and MRP area combinations that have a corresponding availability change recorded from a business document with a specific ATP Relevant Document Category. The system excludes other material, plant, and MRP area combinations from the BOP Run. When users select the *Changes to the User Interface* under the *ATP Relevant Document Category* section in the *Configure BOP Variant* app, they can specify categories to apply as filters to the BOP run. These filters apply to the *Configure BOP Variant* chosen for the BOP variant.

Changes to the User Interface

The *Configure BOP Variant* app has been modernised to simplify the maintenance of the backorder processing variant data.The following UI changes have been made:

- The modernized user interface allows users to maintain backorder processing variants without extra interactions.
- The fields in the application are re-ordered based on relevancy to enable easier maintenance.
- The feature for selecting *ATP Relevant Document Categories* under each *Availability Change Log Filter* allows users to apply additional filters to requirements at a more granular level. This enhances the precision of data filtering and improves the overall efficiency of managing availability changes.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)

Technical Object Name	App ID: `F2160 (Configure BOP Variant)`
Application Component	`CA-ATP-BOP` (*ATP: Backorder Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

12.5.3 Availability Change Log (CA-ATP-ACL)

12.5.3.1 ATP Categories in Availability Change Log

Business Details

With this feature, the Availability Change Log (ACL) framework now records the ATP category along with the material, plant, MRP area, date, and time details for selected documents.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	Not applicable
Application Component	`CA-ATP-ACL` (*ATP: Availability Change Log*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Availability Change Log (CA-ATP-ACL)

12.5.3.2 Events for Product Availability Time Series

Business Details

With this feature, Business Events are triggered when there are changes in the availability situation which occur due to business documents or other processes like planning run or Backorder Processing (BOP) runs.

The following events are available for Product Availability Time Series:

- Product availability time series changed from Business document
- Product availability time series changed from Planning Run
- Product availability time series changed from advanced Backorder Processing run

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)

Technical Object Names	`ChangedFromDocument`
	`ChangedFromPlanningRun`
	`ChangedFromABOPRun`

Application Component	`CA-ATP-ACL` (*Availability Change Log*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Events for Product Availability Time Series

12.5.3.3 Key User Extensibility in Availability Change Log

Business Details

With the new Business Add-ins, you can now deactivate Availability Change Log based on data type or object type. This includes Material, Plant, MRP Area, Availability Change Log Category, ATP Category and Checking Group.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)

Technical Object Name	BAdI
	`BAdI: Availability Change Log Object Control (ACL_OBJECT_CONTROL)`
	`BAdI: Availability Change Log Data Control (ACL_DATA_CONTROL)`

Application Component	`CA-ATP-ACL` (*ATP: Availability Change Log*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Availability Change Log (CA-ATP-ACL)
Extensibility: Business Add-In (BAdI) for Deactivating Availability Change Log based on Object Type
Extensibility: Business Add-In (BAdI) for Deactivating Availability Change Log based on Data Type

12.5.4 Controller & Central Functions (CA-ATP-CTL)

12.5.4.1 Value Existence Check

Business Details

With this feature, you can identify if a characteristic chosen for Alternative-Based Confirmation (ABC) contains incorrect data.

To do this, the *Value Existence Check Type* configuration option has been made available per characteristic in the *Alternative-Based Confirmation* characteristic catalog in the *Manage Characteristic Catalogs* app. There, you can select one of the three options available previously to other characteristic catalogs only, *Check with Error*, *Check with Warning*, and *No Check*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F3829` (*Manage Characteristic Catalogs*)
Application Component	`CA-ATP-ABC` (*ATP: Alternative-Based Confirmation*), `CA-ATP-CTL` (*ATP: Controller & Central Functions*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Value Existence Check Type

12.5.4.2 Material Availability Date in Availability Check Result

Business Details

With this feature, the *Review Availability Check Result* UI component has been enhanced to now include the material availability date for checked requirements.

When you check the availability for a requirement, the *Review Availability Check Result* UI component displays the availability check result, containing all figures for the availability situation of the relevant product and the configuration of the availability check. Next to the availability overview, you can display the detailed results for the individual requirements where the first column now contains the confirmed material availability date and the second column contains the confirmed delivery date.

On the *Chosen Confirmation* subscreen, you can use the *Adjust* button to merge, delete, or postpone confirmations. When you postpone a confirmation, the confirmed delivery date can be changed while the confirmed material availability date cannot be changed. After performing the first confirmation adjustment for a requirement, a new alternative with adjusted confirmations is displayed and chosen automatically. Also here, each alternative confirmation is displayed with both the confirmed material availability date and the confirmed delivery date. Moreover, when postponing the confirmed delivery date, the corresponding confirmed material availability date is re-calculated.

When navigating to the *Intermediate Results* subscreen, a graph visualizing all check steps contributing to the final availability check result is displayed and, for each request and confirmation, the respective material availability date and delivery date is displayed. When opening the detail popover for a given check step request node, the respective material availability date is displayed alongside every delivery date.

> **Note**
>
> This new feature is available as of:
>
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2023 FPS 02
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2025

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F4736` (*Review Availability Check Result*)
Application Component	`CA-ATP-CTL` (*ATP: Controller & Central Functions*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Related Information

Review Availability Check Result
Review Availability Check Result

12.5.4.3 Rounding Confirmations in Sales Documents

Business Details

With this feature, you can use rounding for confirmed quantities in **sales orders** and **stock transport orders**.

In warehouse processing, products are stored and shipped in different logistical units than they may be ordered in a business document. When the availability of a required product in a business document is checked, the resulting confirmed quantity must be rounded to match the logistical unit used in the warehouse.

Implementation Details

To be able to use rounding with sales orders and stock transport orders, some configuration activities must be performed in your system:

Customizing

You must:

- Maintain a rounding profile. To do so, go to *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Advanced Available-to-Promise (aATP)* > *Rounding*.
- Define rounding rules. To do so, go to *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Advanced Available-to-Promise (aATP)* > *Rounding*.

You can then activate rounding for sales orders and stock transport orders in the configuration activities *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Advanced Available-to-Promise (aATP)* > *Rounding* > *Activate Rounding for Sales Orders* and *Activate Rounding for Stock Transport Orders*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	Not applicable
Application Component	`CA-ATP-CTL` (*ATP: Controller & Central Functions*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Rounding Quantities

12.5.4.4 OData API: Advanced ATP Check

Business Details

In addition to the existing methods product availability check (PAC), product allocation (PAL) including its classification characteristics, and supply protection (SUP), the *OData API: Advanced ATP Check* now also supports the methods business process scheduling (BPS) and alternative-based confirmation (ABC).

> **Note**
>
> This new feature is available as of:
>
> - SAP S/4HANA and SAP S/4HANA Private Edition 2023 FPS 02
> - SAP S/4HANA and SAP S/4HANA Private Edition 2025

Technical Details

Type	New
Functional Localization	Not applicable

Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	API: `API_AVAIL_TO_PROMISE_CHECK`
Application Component	`CA-ATP-CTL` (*ATP: Controller & Central Functions*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Advanced ATP Check

12.5.5 Interactive Backorder Processing (CA-ATP-IAB)

12.5.5.1 New App: Manage Confirmations for Backorders

Business Details

With the new Manage Confirmations for Backorders app users can adjust the confirmations of multiple requirements based on specific business needs.

Key Features:

- Requirement selection options: Users can select requirements using various options:
  - BOP segment: Specify a BOP segment to filter requirements.
  - Upload file: Use a pre-defined template to upload requirements in bulk.
  - User-defined selection: Define selection and exclusion criteria based on document characteristics, with the option to save these criteria for future use.
- Worklist management: Once requirements are selected, they are displayed in a worklist table. This table includes essential details such as processing status, material, plant, and requested delivery date. Users can modify the displayed worklist by adding or removing requirements as needed.
- Sorting and filtering: Users can define sort conditions to organize worklists based on specific attributes. This ensures that the most relevant requirements are prioritized. Additionally, users can apply filter conditions to streamline the displayed requirements.
- Confirmation status management: The app offers various options for modifying confirmations, including using BOP strategies or making manual changes. Users can view confirmation statuses through intuitive icons. These icons indicate whether a requirement is fully confirmed, partially confirmed, or not confirmed at all.
- Publishing changes: After modifications, users can publish changes to apply updates to the requirements. There are options to discard changes selectively or to discard the entire worklist if needed.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F8278 (Manage Confirmations for Backorders`
Application Component	`CA-ATP-IAB` (*ATP: Interactive Backorder Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Confirmations for Backorders

12.5.5.2 Ability to Override Existing Confirmation Constraints

Business Details

With this feature, users can override any existing Product Availability Check (PAC), Product Allocation (PAL) or Supply Protection (SUP) contraints to allocate confirmation to a requirement.

Implementation Details

Authorizations

Users need a role with execute access to the `CA_ATP_IAB` authorization object to use this feature.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F8278 (Manage Confirmations for Backorders`
Application Component	`CA-ATP-IAB` (*ATP: Interactive Backorder Processing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

12.5.5.3 Retaining Confirmation Date and Quantity

Business Details

With this feature, users can retain confirmation changes made using the Manage Confirmations for Backorders app. To do this, select the *Fixed Date and Quantity* option.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F8278 (Manage Confirmations for Backorders`
Application Component	`CA-ATP-IAB` (*ATP: Interactive Backorder Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

12.5.6 Object and Value Determination (CA-ATP-OVD)

12.5.6.1 OData API: Object and Value Determination

Business Details

This OData version 4 service enables you to create, update, delete, and read access information. In addition to managing accesses, you can manage characteristic value combinations. You can also assign substitution control, substitution strategy, business process scheduling duration, or business process scheduling working times.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	API: `API_OBJVALDETNACCESS`
Application Component	`CA-ATP-OVD` (*ATP: Object and Value Determination*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Object and Value Determination Access

12.5.7 Product Availability Check (CA-ATP-PAC)

12.5.7.1 New Availability Check Function in Manage Product Master Data

With this feature, the *Manage Product Master Data* app has been enhanced with additional fields that you can use at product level to define how and in which time period requirements are confirmed during availability checks.

The *Procurement* subscreen in the *Manage Product Master Data* app has been enhanced to include the following fields for the configuration of availability checks:

- *Availability Check Horizon*: The check horizon is the period in working days during which a requirement must be confirmed. You can configure the optional check horizon in the scope of check to ignore any demands and receipts after the check horizon in the availability check and to either generate a zero confirmation or full confirmation without reserving stock or receipt quantity.
- *Calendar for Validating Check Horizon*: If you are using a BPS schema, you can use this field to specify a customized calendar that restricts the possible end days of the check horizon. For example, you could maintain a calendar with only Tuesdays and Fridays as working days if you want to force the end of the check horizon to be on Tuesdays or Fridays only.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F1602`, *Manage Product Master Data*
Application Component	`CA-ATP-PAC` (*ATP: Product Availability Check*), `LO-MD-MM` (*Material Master*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Check Horizon
Manage Product Master

12.5.7.2 Rejuvenated Transactions for Defining Scope of Availability Checks

Business Details

With this feature, you can now use redesigned transactions for defining the scope of availability checks.

Transactions **0VZ2** and **0VZ9** have been reworked to offer more features and combine all settings required for defining the scope of availability checks in one place.

Implementation Details

The scope of an availability check is defined in the checking rule that is assigned to a checking group. In combination, the checking rule and the checking group determine the final requirements for the availability check. Previously, separate transactions were used for the scoping of availability checks.

With this release, transactions **0VZ2A** and **0VZ9A** (introduced with SAP S/4HANA 2023 FPS01 for the scoping of availability checks including the advanced ATP functions) are no longer required, nor available, and transactions **0VZ2** and **0VZ9** can now be used independently of one other for scoping availability checks (and including or excluding the advanced ATP functions). From the *Scope of Availability Check* subfolder in transaction **0VZ2**, you can navigate to the scope of check in transaction **0VZ9** and display and change, for each checking group, exactly which stock, receipts, and requirements (on the *ATP Category Assignment* subscreen) will be considered as well as other settings which will be applied when you run an availability check for a requirement.

Customizing

The following customizing activities are relevant for defining the scope of an availability check:

- *SAP Reference IMG* > *Cross-Application Components* > *Advanced Available-to-Promise (aATP)* > *Define Availability Checking Groups* > *Define Availability Checking Group and Behavior*
- *SAP Reference IMG* > *Cross-Application Components* > *Advanced Available-to-Promise (aATP)* > *Product Availability Check (PAC)* > *Configure Scope of Availability Check*

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	Transactions **0VZ2** and **0VZ9**

Application Component	CA-ATP-PAC (*ATP: Product Availability Check*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Scope of Availability Check
Advanced Available-to-Promise Functions

12.5.7.3 Horizon for Delayed Supply

Business Details

With this feature, you can consider delayed supply elements (for example, purchase orders) when product availability is checked.

In the scope of check (in transaction **OVZ9** or configuration activity *Configure Scope of Availability Check* available at *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Advanced Available-to-Promise (aATP)* > *Product Availability Check (PAC)*), you can now use the *With Horizon for Delayed Supply* selection option in the *Delayed Supply* subscreen to include delayed supply elements when you calculate availability. To do so, you can define per checking group the number of calendar days, relative to the current date, by which supply elements are moved into the future so that they can be considered when you check availability. You may restrict this to certain supply elements and checking groups only and for a specific validity period.

Implementation Details

Customizing

Before you can consider delayed supply elements in a product availability check, you must:

- Activate the advanced ATP functions by setting *Use Advanced ATP Functions* (column *Adv.ATP*) for the relevant checking group to **`Active`**, either directly in transaction **OVZ2** or in the customizing activity *Define Availability Checking Group and Behavior* (available at *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Advanced Available-to-Promise (aATP)* > *Product Availability Check (PAC)*).
- Configure the customizing activity *Configure Horizon for Delayed Supply* (available at *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Advanced Available-to-Promise (aATP)* > *Product Availability Check (PAC)*).

> **Note**
>
> The selection options *With Receipts in the Past* and *Show Message for Delayed Supply* in the *Delayed Supply* subscreen are overruled if you configure a horizon for delayed supply.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	Transaction `0VZ9`
Application Component	`CA-ATP-PAC` (*ATP: Product Availability Check*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Scope of Availability Check
Advanced Available-to-Promise Functions

12.5.7.4 Temporary Quantity Assignment Handling at Recheck

Business Details

With this feature, you can move quantities between requirements or backorders processed manually and in doing so, prevent any unrequired, released quantities from being used to confirm parallel external requirements

In previous releases, when availability for a requirement was rechecked for a lower than previously confirmed requested quantity, the temporary quantity assigments for the originally confirmed, higher quantity were released and could be used for other concurrent requirements. With this release, this behavior has now changed: released quantities can only be used for requirements within the same session and external requirements must respect additionally reserved quantities only.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	Not applicable
Application Component	CA-ATP-PAC (*ATP: Product Availability Check*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Temporary Quantity Assignments

12.5.7.5 Optimistic Reservation of Quantity

Business Details

With this feature, you can configure the type of quantity reservation that is to be applied when the availability for a requested product is checked.

Reserving quantity is used to prevent parallel product availability checks from consuming the same quantity.

Implementation Details

When you configure the checking group for an availability check, you can use one of the following options to control how quantity is reserved:

- **`Exclusive Locking`**: an exclusive lock is set at product/plant level and prevents multiples availability checks (for example, from different users) for the same product in the same plant running simultaneously.
- **`Optimistic Reservation`**: no exclusive lock is set and multiple product availability checks can be run at the same time, with each separate check reserving the complete requested quantity.
- **`Automatic`**: the system chooses between **`Exclusive Lock`** and **`Optimistic Reservation`**, depending on the frequency with which a material is requested.

Customizing

To define the required type of quantity reservation, use column *Lock Type* in the following configuration activity: *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Advanced Available-to-Promise (aATP)* > *Define Availability Checking Groups* > *Define Availability Checking Group and Behavior*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	Transaction `OVZ2`
Application Component	`CA-ATP-PAC` (*ATP: Product Availability Check*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Reserving Quantity During an Availability Check

12.5.7.6 Calculation of Supply and Demand for Subcontracting

Business Details

With this feature, you can now configure how supply and demand is considered for product availability checks involving subcontracting scenarios.

In subcontracting, the vendor receives components which are used to produce end products. You can now choose between the following options in the *Subcontracting* subscreen in transaction *OVZ9* to control which MRP area is used to provide stock:

- *From All MRP Areas*: With this option, all subcontracting demand and supply is considered at plant level, meaning that all supply for a plant or vendor can be used to confirm requirements.
- *From Own MRP Area Only*: With this option, stock is separated strictly by plant and vendor: supply in a plant can only be used to fulfill requirements for exactly that plant. Equally, supply for a vendor can only be used to fulfill requirements for exactly that vendor.

- *From All MRP Areas Without Surplus*: With this option, all subcontracting demands are visible on all MRP areas, while supplies exceeding the demands are separated. All supply in a plant can be used to fulfill any requirement for a plant or vendor. The supply for a vendor can only be used to fulfill requirements for the vendor.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	Transaction: `0VZ9` (*Configure Scope of Check*)
Application Component	`CA-ATP-PAC` (*ATP: Product Availability Check*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Scope of Availability Check
Advanced Available-to-Promise Functions

12.5.7.7 Optimizing Check Performance with SAP liveCache

Business Details

With this feature you can use SAP liveCache to optimize the runtime required for product availability checks.

The Product Availability Check reads and aggregates supply and demand elements to determine available quantities. This operation may be time-intensive when processing large volumes of data. SAP liveCache can be used as an aggregated buffer to improve system performance.

Implementation Details

Customizing

The setting to activate SAP liveCache for Product Availability Check is available in the following customizing activity: *Cross-Application Components* > *Advanced Available-to-Promise (aATP)* > *Product Availability Check (PAC)* > *Activate SAP liveCache for Availability Check*

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	Not applicable
Application Component	CA-ATP-PAC (*ATP: Product Availability Check*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

12.5.8 Product Allocation (CA-ATP-PAL)

12.5.8.1 Objects Released for Developer Extensibility in Product Allocation

Business Details

With the objects released in Product Allocation, you have a stable interface to access data from SAP S/4HANA when building custom applications or extensions with developer extensibility. You can integrate the released objects in your custom code or extend them at predefined extension points. Depending on your use case, different object types are provided (such as BAdIs, CDS views, business object interfaces). You find all the released objects in the ABAP Development Tools (ADT), when you're connected to SAP S/4HANA.

Additional Details

The following table summarizes the objects that have been added, changed, or deprecated for developer extensibility with the current release.

Objects Added, Changed, or Deprecated for Developer Extensibility

Object Type	End-User Name	Technical Name	Type	Details
CDS view	Confirmation Date Time Type	`I_ConfirmationDateTimeType`	New	This CDS view provides the allowed date time types (material availability date, goods issue date and delivery date) used in product allocation check confirmations.
CDS view	Product Allocation Assigned Order Type	`I_ProdAllocAssignedOrderType`	New	This CDS view provides the supported order types (sales order, stock transport order) used in product allocation check confirmations.
CDS view	Product Allocation Object Time Series	`I_ProdAllocObjTimeSeriesDEX`	New	This CDS view extracts time series of characteristic value combinations of product allocation objects with planned quantities.
CDS view	Product Allocation Quantity Assignment	`I_ProdAllocQtyAssignmentDEX`	New	This CDS view extracts product allocation consumption data like order items, allocation objects, characteristic value combinations, assigned quantities, and dates.
Business object interface	Product Allocation Object	`I_PRODALLOCATIONOBJECTTP_2`	Changed	This business object now supports modifying all entities of the product allocation object.
Business object interface	Product Allocation Sequence	`I_PRODALLOCATIONSEQUENCETP_2`	Changed	This business object now supports modifying all entities of the product allocation sequence.

Developer extensibility allows you to create development projects in SAP S/4HANA by using ABAP Development Tools for Eclipse. This gives you the opportunity to build extensions, services, and SAP Fiori apps using the complete set of ABAP Cloud features released for SAP S/4HANA, for example, with the ABAP

RESTful Application Programming model, http services, and ABAP objects. For more information about the released objects and how to find them, see Released Development Objects.

Effects on System Administration

For more information about the authorizations required for working with the development objects released for developer extensibility, see Configure Authorizations.

Related Information

Confirmation Date Time Type
Product Allocation Object Time Series
Product Allocation Quantity Assignment

12.5.8.2 Dynamic Period Time Zone Determination

Business Details

This feature enables you to use dynamic period time zone determination instead of a fixed time zone in allocation objects. When the allocation check date and time have a different time zone than specified in the allocation object, dynamic time zone determination can prevent the check from determining a different period for the confirmation than expected. The system dynamically adjusts the time periods to find a confirming period according to the time zone of the requirement's check date and time.

To set up the dynamic period time zone determination, in the Configure Product Allocation app, you either select the period time zone determination derived from the source location of the requirement (for example, the shipping point of the plant) or derived from the destination location of the requirement (for example the ship-to party). Choosing the dynamic time zone determination disables the fixed period time zone field for the allocation object.

> **Note**
>
> This new feature is available as of:
>
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2023 FPS 02
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2025

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F2119`*Configure Product Allocation*
Application Component	`CA-ATP-PAL` (*ATP: Product Allocation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Dynamic Period Time Zone Determination

12.5.8.3 Display Consumed Quantities in Product Allocation Planning Data

Business Details

With this feature in the *Manage Product Allocation Planning Data* app, you can display the consumed quantity of each time period in the planning data table in an additional column after each period column.

Using the *Display Consumed Quantity* button displays the latest quantities consumed. However, if you change the planned quantities in *Edit* or *Quick Edit* mode this doesn't refresh the consumed quantities displayed. You can also download the consumed quantities. For more information, please refer to the in-app help.

> **Note**
>
> This new feature is available as of:
>
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2023 FPS 02
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2025

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F2121` *Manage Product Allocation Planning Data*
Application Component	`CA-ATP-PAL` (*ATP: Product Allocation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

12.5.8.4 Flexible Time Periods in Product Allocation

Business Details

If common time periods like day, week, month, quarter, or calendar year don't suit your business needs, this feature enables you to define flexible time periods for allocation objects in the *Configure Product Allocation* app. Using the new period type *Flexible* in the allocation object, you can create a series of flexible time periods with different duration (minimum 1 day). You can then create and maintain planning data for the defined flexible periods in the *Manage Product Allocation Planning Data* app.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F2119` *Configure Product Allocation*
Application Component	`CA-ATP-PAL` (*ATP: Product Allocation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Flexible Periods

12.5.8.5 Activation of Product Allocation After Partial Delivery of Order Quantities

Business Details

With this feature, the product allocation check doesn't try to cover partially delivered quantities with newly created consumptions after Product Allocation has been activated for the first time.

Previously, if you activated Product Allocation in aATP for an order item with partially delivered quantity, the result of the allocation checks after the activation didn't always turn out as expected. During subsequent checks, the system tried to cover already delivered quantity with planned quantity and created additional consumptions to cover the delivered quantity. This behaviour has now changed, the check doesn't try to cover partially delivered quantities with new consumptions, so that only the open order quantity is taken into account for the check.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	Not applicable
Application Component	CA-ATP-PAL (*ATP: Product Allocation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

SAP Note 3452147

12.5.9 Supply Creation-Based Confirmation (CA-ATP-SBC)

12.5.9.1 New SBC Check Types Characteristics Evaluation and Length-Based Availability Check

Business Details

With this feature, you can use new production planning-based availability checks for configured products (with characteristics) and long products (with length characteristics). Both new check types can be carried out with and without supply creation. They can consider the aATP check horizon from the Product Availability Check (PAC). You can see SBC confirmation details in the new *Supply Creation-Based Confirmation* subscreen inside the *Review Availability Check Result* (RACR) UI component.

The new Production Planning-Based Availability Check (PPAC) types Characteristics Evaluation and Length-Based Availability Check can consider product characteristics in the sales order based on Characteristics-Based Planning (CDP) to check availability and plan production. The Length-Based Availability Check is intended for long products, such as cables, and considers length characteristics (total length, number of pieces and individual length). Both check types are production planning-based availability check (PPAC) types, they are carried out in PP/DS and can be executed with and without supply creation. Without supply creation, the check types can also be used for creating outbound deliveries. The supply creation part of Characteristics Evaluation can also be combined with the Product Availability Check (PAC). If configured, the new check types can consider tolerances in the characteristic values. The length-based availability check can also support the cutting of the requested product into pieces. The new *Supply Creation-Based Confirmation* subscreen in RACR contains SBC confirmation details and PP/DS planning log information, warnings and potential error messages for the current check situation.

Implementation Details

You configure the Characteristics Evaluation and the Length-Based Availability Check by maintaining a corresponding planning procedure in Customizing with an assigned ABAP class and a specific product heuristic. SAP delivers standard planning procedures for the new check types: planning procedure 6 for Characteristics Evaluation and planning procedure 7 for the Length-Based Availability Check. The planning procedure also needs to be assigned to the material-plant combination. For more information, see Characteristics Evaluation and Length-Based Availability Check.

Customizing

You maintain the planning procedure in Customizing of Advanced Planning at *Maintain Planning Procedures*.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	Not applicable
Application Component	CA-ATP-SBC (*ATP: Supply Creation-Based Confirmation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Length-Based Availability Check
Characteristics Evaluation
Planning Procedures

12.5.10 Business Process Scheduling (CA-ATP-SCH-BPS)

12.5.10.1 Activate BPS with Transportation Management for Sales Documents

Business Details

This feature enables you to use Transportation Management (TM) to schedule activities by using delegation. It is based on the determination of a business process scheduling (BPS) schema for the items of a sales order. One or more activities of a BPS schema can be performed by Transportation Management directly.

This feature offers the following benefits:

- Increased flexibility and accuracy of scheduling results
- Reduced effort for maintenance as data from Transportation Management gets used directly for scheduling

Technical Details

Type	New
Functional Localization	Not applicable

Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `4719` (*Review Availability Check Result*)
Application Component	`CA-ATP-SCH-BPS` (*ATP: Business Process Scheduling*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Transportation Requirement Routing and Scheduling
Scheduling Procedure and Results

12.5.11 Master Data Substitution (CA-ATP-SUB)

12.5.11.1 Enablement of IANA Timezone

Business Details

With this feature, users can select Internet Assigned Number Authority (IANA) timezone as the preferred time zone. This option is available while using the FIORI application for Product, Plant and Storage Location, mass upload report and Web API.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F4785 (Manage Substitutions - Products)` App ID: `F4786 (Manage Exclusions - Products)` App ID: `F5314 (Manage Substitutions - Plant)` App ID: `F5315 (Manage Exclusions - Plant)`

Application Component	CA-ATP-SUB (*ATP: Substitution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

12.5.11.2 Data Replication Framework in Product Substitution

Business Details

With this feature, users can replicate master data from source system to target system. User can configure the data replication for Product Substitution, Product Exclusion, Reason, Groups and Control objects. The data replication uses the Data Replication Framework (DRF).

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F4785 (Manage Substitutions - Products)` App ID: `F4786 (Manage Exclusions - Products)` App ID: `F4787 (Manage Substitution Controls - Products)` App ID: `F4788 (Manage Substitution Groups - Products)` App ID: `F4789 (Manage Substitution Reasons - Products)`
Application Component	CA-ATP-SUB (*ATP: Substitution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

12.5.12 Supply Protection (CA-ATP-SUP)

12.5.12.1 Key User Extensibility in Supply Protection

Business Details

This feature enables you to use supply protection more flexibly with the *Restriction Outside Planned Protection* option. The following Business Add-Ins (BAdIs) allow a flexible reduction of restrictions as well as the manipulation of the time buckets of the “privileged check quantity”:

- BAdI: ATP Supply Protection - Remove Restriction Groups Inside Privileged Check Quantity (`ATP_SUP_RMVL_RSTR_GRPS_U2P_IN`)
- BAdI: ATP Supply Protection - Remove Restriction Groups Outside Privileged Check Quantity (`ATP_SUP_RMVL_RSTR_GRPS_U2P_OUT`)
- BAdI: ATP Supply Protection - Change of Remaining Protection of Matching Groups (`ATP_SUP_CHANGE_GRPS_RMNG_PROT`)

> ⓘ Note
>
> These BAdIs can only be used in the context of the *Restriction Outside Planned Protection* option.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F4569`
Application Component	`CA-ATP-SUP` (*ATP: Supply Protection*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

App Extensibility: Manage Supply Protection (Key User)

12.5.12.2 Pool Segment as Planning Level in Supply Protection

Business Details

This feature enables you to use pool segments as an additional planning level in supply protection. This allows the setup of supply protection, for example, for a specific quality grade. In such a case, supply protection could be set up in such a way that the articles with the highest quality are reserved for special protection groups such as key customers, whereas there isn't any restriction in place for lower-quality articles.

Demands for the same product in another pool segment are not affected by the defined protection. For one material-plant combination, all active supply protection objects must have the same planning level.

> **Note**
>
> This new feature is available as of:
>
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2023 FPS 02
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2025

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F4569`
Application Component	`CA-ATP-SUP` (*ATP: Supply Protection*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Defining a Planning Level

12.5.12.3 Batch as Planning Level in Supply Protection

Business Details

This feature enables you to use batches as an additional planning level in supply protection. This allows for the protection of a specific batch of a vaccine. Batch identification can also be relevant for paints, chemicals, cosmetics, food, etc. In such a case, supply protection can be set up in a way that the quantities of a specific batch are reserved for special protection groups, while there isn't any restriction in place for other batches.

Demands for the same product in another batch are not affected by the defined protection. For one material-plant combination, all active supply protection objects must have the same planning level.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F4569`
Application Component	`CA-ATP-SUP` (*ATP: Supply Protection*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Defining a Planning Level

12.5.12.4 Resolve Overprotection

Business Details

The *Resolve Overprotection* app enables you to identify overprotection issues and other critical situations (for example, blocked supply protection objects) that might lead to sales orders not being confirmed. The app provides mitigation proposals which you can simulate and then save to improve the situation. By saving a proposed mitigation, you can reduce the planned protection for single or all protection groups of the related supply protection objects.

To get a notification in case overprotection issues, or blocked protection groups or objects exist, you can use the situation template Overprotection Alert in Supply Protection [page 1142].

Implementation Details

To enable users to access this app, their business users need to have the following assigned:

- Business catalog: `SAP_SCM_BC_ROP_MANAGE` *(-ATP - Resolve Overprotection*

Authorizations

Users of the app need the following authorization objects:

- `M_SUP_PLT`
- `M_SUP_ROP`

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F8513`
Application Component	`CA-ATP-SUP` (*ATP: Supply Protection (SUP)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Resolve Overprotection
Overprotection Alert in Supply Protection

12.5.12.5 Overprotection Alert in Supply Protection

Business Details

Use this new standard template (*CA_ATP_SUP_OVERPROTECTION*) if you want your order fulfillment managers to be informed when the restrictions defined in Supply Protection lead to a critical availability

situation when protected quantities are too high. Recipients can get notifications whenever the availability situation in combination with Supply Protection leads to a complete lock, or if single supply protection objects or single protection groups of related supply protection objects are locked.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F8513`
Application Component	`CA-ATP-SUP` (*ATP: Supply Protection*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Resolve Overprotection
Overprotection Alert in Supply Protection

12.5.13 Third-Party Order Processing (CA-ATP-TPO)

12.5.13.1 Third-Party Order Processing with aATP

Business Details

With advanced ATP, you can automatically initiate the third-party processing of sales order items using Alternative-Based Confirmation (ABC) during the availability check of the order items.

When entering an ATP-relevant material in a sales order, ABC determines possible substitutes (material-plant combinations) using a specific substitution strategy for third-party order processing. During the determination, each substitute is checked for available sources of supply using a sourcing profile, which contains the third-party shipment type (such as direct shipment from third-party supplier to customer or bought-in item for shipment to your plant or subsidiary) and the allowed source of supply (such as info records or contracts). The sourcing profile is assigned to the substitution strategy. All substitutes with a valid source of supply can lead to a confirmation. ABC then chooses the best substitute, for which a corresponding subitem is created in the sales order that automatically results in a full confirmation of the availability check. With the confirmation, the

system generates the required purchase requisitions to the third-party supplier. If no source can be found for a determined material-plant combination, the availability check results in a zero confirmation.

In addition, the new Business Add-In (BAdI) Enriched Substitution Result in aATP (`BADI_ATP_ABC_ENRCD_SUBSTN_RSLT`) enables you to modify the substitution list, for example to exclude substitutions from being used for confirmations and to influence the priority of substitutes.

You can use Business Process Scheduling (BPS) for scheduling the third-party process. SAP delivers two predefined scheduling schemas with assigned predefined duration determinations for the third-party shipment types. You can also use Backorder Processing (CA-ATP-BOP) for processing third-party orders (main items).

For more information, please refer to Third-Party Order Processing (CA-ATP-TPO).

> **Note**
>
> This new feature is available as of:
>
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2023 FPS 02
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2025

Implementation Details

Authorizations

To enable users to access the *Configure Sourcing Profile* app, their business users need to have the following business catalog(s) assigned: `SAP_SCM_BC_ATPTPO_SRCGPRFL` - *ATP: Configure Sourcing Profile*

Customizing

To use *Third-Party Order Processing* with advanced ATP, the following configuration settings need to be carried out:

- You have activated ABC and Substitutions. For more information, see Customizing for Alternative-Based Confirmation and How to Activate Substitution.
- You have configured a substitution strategy for third-party order processing with a corresponding sourcing profile. for For more information, see Configure Substitution Strategy and Configure Sourcing Profile.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)

Technical Object Name	App ID: F2699*Configure Substitution Strategy* App ID: F7754 *Configure Sourcing Profile* Business Add-In: BADI_ATP_ABC_ENRCD_SUBSTN_RSLT
Application Component	CA-ATP-TPO (*ATP: Third-Party Order Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Third-Party Order Processing (CA-ATP-TPO)
Extensibility: Business Add-In (BAdI) for Modifying the Substitution Result
Configure Sourcing Profile
Configure Substitution Strategy
Scheduling Schemas in BPS for Third-Party Order Processing

12.6 Extended Service Parts Planning

12.6.1 APIs for Extended Service Parts Planning

12.6.1.1 OEM-Managed Inventory

12.6.1.1.1 OData API: Approve Stocking/Destocking

Business Details

This service enables you to retrieve and approve stocking/destocking proposals pending dealer approval.

On each API call, you can perform the following operations:

- You can retrieve all stocking/destocking offers.
- You can retrieve a single stocking/destocking offer by key.
- You can approve stocking/destocking offers.
- You can reject stocking/destocking offers.

Implementation Details

Authorizations

Access control is based on the Business Partner role. Access control was created to check the business partner value to ensure that it matches the allowed values within the authorization object `S_SPP_BPID` and authorization field `ESPP_BP_ID`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `srvcpartsstkapprove`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Approve Stocking/Destocking

12.6.1.1.2 OData API: Approve Stock Transfer Orders

Business Details

This service enables you to retrieve and approve stock transfer order proposals pending dealer approval.

On each API call, you can perform the following operations:

- You can retrieve all Vendor Managed Inventory (VMI) Stock Transfer Order offers.
- You can retrieve a single VMI Stock Transfer Order offer by key.
- You can approve VMI Stock Transfer Orders.
- You can reject VMI Stock Transfer Orders.
- You can change VMI Stock Transfer Orders with a new quantity.

Implementation Details

Authorizations

Access control is based on the Business Partner role. Access control was created to check the business partner value to ensure that it matches the allowed values within the authorization object `S_SPP_BPID` and authorization field `ESPP_BP_ID`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `srvcpartsstoapproval`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Approve Stock Transfer Orders

12.6.1.1.3 OData API: Display STO Approval Audit Trail

Business Details

This service enables you to retrieve historical approval decisions for stock transfer order proposals. This can be used to monitor compliance and timeliness with previous stock transfer order proposals. It contains important information such as who approved/rejected a request and when.

On each API call, you can perform the following operations:

- You can retrieve a list of all decisions with details.
- You can get a specific decision with details.

Implementation Details

Authorizations

Access control is based on the Business Partner role. Access control was created to check the business partner value to ensure that it matches the allowed values within the authorization object `S_SPP_BPID` and authorization field `ESPP_BP_ID`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `srvcpartsstoaudittrail`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Display STO Approval Audit Trail

12.6.1.1.4 OData API: Display Stocking/Destocking Audit Trail

Business Details

This service enables you to retrieve historical approval decisions for stocking/destocking proposals. This can be used to monitor compliance and timeliness with previous stocking/destocking proposals. It contains important information such as who approved/rejected a request and when.

On each API call, you can perform the following operations:

- You can retrieve a list of all decisions with details.
- You can get a specific decision with details.

Implementation Details

Authorizations

Access control is based on the Business Partner role. Access control was created to check the business partner value to ensure that it matches the allowed values within the authorization object `S_SPP_BPID` and authorization field `ESPP_BP_ID`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `srvcpartsstkdstkngaudtrail`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Display Stocking/Destocking Approval Audit Trail

12.6.1.1.5 OData API: Manage Dealer Product

Business Details

This service enables you to create, display, and update product extensions of original equipment manufacturer (OEM) products to dealer locations. The dealer product contains eSPP fields used to drive planning services.

On each API call, you can perform the following operations:

- You can retrieve all dealer location products.
- You can retrieve a single dealer location product by key.
- You can create dealer location products.
- You can retrieve all dealer product cluster assignments.
- You can retrieve a single dealer product cluster assignment by key.

- You can create dealer product cluster assignments.

Implementation Details

Authorizations

Access control is based on the Business Partner role. Access control was created to check the business partner value to ensure that it matches the allowed values within the authorization object `S_SPP_BPID` and authorization field `ESPP_BP_ID`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `srvcpartsdealerproduct`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Dealer Product

12.6.1.1.6 OData API: Manage Excess Stock

Business Details

This service enables you to display product quantities at dealer locations that have been determined as excess stock during the inventory balancing service. If the BAdI `/SAPAPO/EXCESS_STOCK` is implemented, dealers may also trigger custom actions in response to the excess stock (if allowed).

On each API call, you can perform the following operations:

- You can retrieve a list of all dealer location products with excess stock.

- You can get a specific dealer location product, if you enter a specific product and location.
- You can run the custom logic if BAdI `/SAPAPO/EXCESS_STOCK` is implemented.

Implementation Details

Authorizations

Access control is based on the Business Partner role. Access control was created to check the business partner value to ensure that it matches the allowed values within the authorization object `S_SPP_BPID` and authorization field `ESPP_BP_ID`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `srvcpartsexcessstock`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Excess Stock

12.6.1.1.7 OData API: Supersession Overview

Business Details

This service enables you to retrieve eSPP product information. This information can be used to identify alternate products that may fulfill customer requirements if the original product isn't available.

API calls perform the following operations:

- Get information about eSPP-relevant product substitutions.

- Get information about the successors and predecessors for each of the eSPP products.

Implementation Details

Authorizations

To use the application a user must be assigned an authorization in the PFCG role that includes object `M_MATE_MAT` (Material Master: Basic Data).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `srvcprtsmdsubstn`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Supersession Overview

12.6.1.1.8 SOAP API: Dealer Stock Notification

Business Details

This service enables you to maintain stock and in-transit quantities at dealer locations. This includes updates for current dealer stock, notification of receipt for in-transit deliveries, and updating open in-transit delivery details.

Implementation Details

You can use Business Add-In `/SAPAPO/BADI_ESPP_SOAP_VALID` to implement validations and mappings for the payload before the standard processing of the inbound message begins.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `/SAPAPO/DEALERSTOCKNOTIFICATIO`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

SOAP Service Dealer Stock Notification

12.6.2 Apps in Extended Service Parts Planning

12.6.2.1 Manage Cluster Selections

Business Details

With this app, you can define complex selection criteria on clusters combining single conditions as intersections (AND) and unions (OR); it also supports wildcard patterns. This complex selection can be used as part of the Planning Service Management (PSM) selection definition to allow for granular control for which location products given PSM services should run.

Note that a selection of location products has no impact on the logic of PSM services. That means if a service runs for the whole Bill of Distribution (BOD), it will still run for all locations within the BOD. For example, you assign the cluster group type *Local Parts* with cluster type *Yes* to product A in location 1000. In a PSM selection, you use the combination of *Local Parts* with cluster type *Yes*. It will identify product A in location 1000. If you run the DRP service with that selection now, it will run for product A, and not just for product A in location 1000, as the DRP service will still consider the entire BOD.

Implementation Details

Authorizations

To use the application a user must have authorization object `/SCMB/PESL` assigned with *Write* authority.

Customizing

You should define location product cluster types and cluster values in Customizing for *Extended Service Parts Planning* under *Master Data* > *Product* > *Location Product Clusters* > *Define Cluster Types* and *Define Cluster Values*. Location products must then be assigned to clusters via master data maintenance.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8657`
Application Component	`SCM-BAS-PSM`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Cluster Selections
Use of the Planning Service Manager for eSPP
PSM Services for General Data Processing
Assign Location Product-Specific Segmentations (Clusters) [page 1167]

12.6.2.2 Lead Time

12.6.2.2.1 Manage Lead Time Analysis

Business Details

With this app, you can manage the results of the lead-time analysis run. You can approve or reject entries with status *to be approved*. The fields *Coefficient of Variation* and *Enable for Inventory Planning* can be edited. On the object-page you can display lead-time durations as a chart and lead-times in a table.

Run PSM service *Lead Time Analysis* (SPP_LEAD_TIME_ANALYSIS) to calculate historical lead time analysis results. The service calculates the mean, standard deviation, confidence interval, coefficient of variation and a confidence interval of the lead time. The level of granularity the calculations are performed on is location from, location to, means of transport and status group, which can all be defined in customizing. The results can be viewed in the Fiori app and consumed in other services, like the Multistage Safety Stock service.

Implementation Details

Authorizations

To use the application a user must have the tile assigned to the role. Additionally, the user must have the authorization for authorization-object ESPP_DRP for field *APO_LOC* for the destination-location.

Customizing

Servie profiles and status groups for the service SPP: Lead Time Analysis (SPP_LEAD_TIME_ANALYSIS) can be created in Customizing for *Extended Service Parts Planning* under *Lead Time* > *Define Service Profile for Lead Time Analysis* and *Define Status groups for Lead Time Analysis*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F8788
Application Component	SCM-APO-SPP
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Lead Time Analysis
PSM Services for Lead Time

12.6.2.3 Simulation

12.6.2.3.1 Display Mass Processing Errors

Business Details

With this app, you can display error records after validation in the *Manage Mass Processing- eSPP Data* app. You can select a business object and a planning version to view all processing IDs. At a detailed level, the app provides information on each error record.

Additionally, the app provides detailed validation logs when you download records to Excel. You can then modify the values and upload them back using the *Manage Mass Processing- eSPP Data* app.

Implementation Details

Authorizations

To access this app, you must have the minimum authorization delivered with the business role template `SAP_BR_DATA_MAINT_SPP` (*Planning Data Specialist - Service Parts*)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8221`
Application Component	`SCM-APO-SPP` (*Service Parts Planning*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Display Mass Processing Errors

12.6.2.3.2 Manage Planning Profiles

Business Details

With this app, you can create, edit, and delete planning profiles for the Planning Service Manager (PSM).

A planning profile specifies which objects (for example, specific products, locations, or transportation lanes) are included in the planning run. The PSM executes planning tasks based on the settings defined in the planning profile.

> **Note**
>
> While the app offers UI enhancements, you can still use the backend transaction `/SAPAPO/48000009` to manage planning profiles.

Implementation Details

Authorizations

To access this app you must have the minimum authorization delivered with the business role template `SAP_BR_DATA_MAINT_SPP` (*Planning Data Specialist - Service Parts*)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8048`
Application Component	`SCM-APO-SPP` (*Service Parts Planning*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Planning Profiles

12.6.2.3.3 Manage Process Profiles

Business Details

With this app, you can create, edit, and delete process profiles. It defines how the system handles the planning process, particularly in terms of package creation and parallel processing.

> **Note**
>
> While the app provides UI enhancements, you can continue to use the backend transaction `/SAPAPO/48000011` to manage process profiles.

Implementation Details

Authorizations

To access this app you must have the minimum authorization delivered with the business role template `SAP_BR_DATA_MAINT_SPP` (*Planning Data Specialist - Service Parts*)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8199`
Application Component	`SCM-APO-SPP` (*Service Parts Planning*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Process Profiles

12.6.2.3.4 Manage Selection Profiles

Business Details

With this app, you can create, edit, and delete a selection profile. A selection profile allows you to specify for which objects (e.g. locations, location products, transportation lanes) you want to run a PSM service based on selection parameters (e.g. planner, location, product, product group type/ product group).

You can use a selection profile to filter and manage objects efficiently when working with large sets of documents that need to be processed repeatedly.

> **Note**
>
> While the app provides UI enhancements, you can continue to use the backend transaction `/SAPAPO/PE_SEL_SPP` to manage selection profiles.

Implementation Details

Authorizations

To access this app you must have the minimum authorization delivered with the business role template `SAP_BR_DATA_MAINT_SPP` (*Planning Data Specialist - Service Parts*)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8198`
Application Component	`SCM-APO-SPP` (*Service Parts Planning*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Manage Selection Profiles

12.6.2.4 OEM-Managed Inventory

12.6.2.4.1 Approve Stocking/Destocking

Business Details

With this app, you can retrieve and approve or reject stocking and destocking proposals for dealer locations. If the proposed replenishment indicator is approved, it changes for the dealer product. If the proposed replenishment indicator is rejected, an alert is created to notify the planner.

Implementation Details

Authorizations

Access control is based on the Business Partner role. Access control was created to check the business partner value to ensure that it matches the allowed values within the authorization object `S_SPP_BPID` and authorization field `ESPP_BP_ID`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F7980`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Approve Stocking/Destocking

12.6.2.4.2 Approve Stock Transfer Orders

Business Details

With this app, you can retrieve and approve or reject Stock Transfer Order (STO) proposals for dealer locations. In addition, you can change the proposed quantity before approval. If the proposed STO is approved, a sales order is created.

Implementation Details

Authorizations

Access control is based on the Business Partner role. Access control was created to check the business partner value to ensure that it matches the allowed values within the authorization object `S_SPP_BPID` and authorization field `ESPP_BP_ID`.

Customizing

Maintain a sales area and an order type in view `V_CIFVMISD`, as well as a location alias in view `/SAPAPO/V_LOC_AL` via transaction `SM30`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F7979`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Approve Stock Transfer Orders

12.6.2.4.3 Display STO Approval Audit Trail

Business Details

With this app, you can display audit trail information for dealer approvals or rejections on stock transfer order proposals in the *Approve Stock Transfer Orders* app in order to validate any previous decisions.

Implementation Details

Authorizations

Access control is based on the Business Partner role. Access control was created to check the business partner value to ensure that it matches the allowed values within the authorization object `S_SPP_BPID` and authorization field `ESPP_BP_ID`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8517`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Display STO Approval Audit Trail
Approve Stock Transfer Orders

12.6.2.4.4 Display Stocking/Destocking Approval Audit Trail

Business Details

With this app, you can display audit trail information for dealer approvals or rejections of stocking/destocking proposals in the *Approve Stocking/Destocking* app in order to validate any previous decisions.

Implementation Details

Authorizations

Access control is based on the Business Partner role. Access control was created to check the business partner value to ensure that it matches the allowed values within the authorization object `S_SPP_BPID` and authorization field `ESPP_BP_ID`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8518`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Display Stocking/Destocking Approval Audit Trail
Approve Stocking/Destocking

12.6.2.4.5 Manage Dealer Product

Business Details

With this app, you can define and create new dealer product entries, assign cluster values to them, and edit both the dealer product data and their associated cluster assignments. Additionally, the application allows you to display a list of existing dealer product entries based on selection criteria such as product, location, and planning version. You can also preview detailed information for a specific dealer product entry.

Implementation Details

Authorizations

To use the application a user must have authorization object `S_SPP_BPID` assigned with *Write* authority.

Customizing

You should define cluster types and cluster values in Customizing for *Extended Service Parts Planning* under *Master Data* > *Product* > *Location Product Clusters* > *Define Cluster Types* and *Define Cluster Values*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8516`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Dealer Product

12.6.2.4.6 Manage Excess Stock

Business Details

With this app, you can manage excess stock for dealer products. You can react to excess stock for given locations in order to keep warehouse space for more important products. Excess Stock develops if more stock than the safety stock is available and therefore can be managed separately.

Implementation Details

Authorizations

Access control is based on the Business Partner role. Access control was created to check the business partner value to ensure that it matches the allowed values within the authorization object `S_SPP_BPID` and authorization field `ESPP_BP_ID`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F7981`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Excess Stock

12.6.2.4.7 Supersession Overview

Business Details

With this app, you can display eSPP-relevant, active and location-independent product substitutions. It also provides an option to view a graphical representation of all connections between related products.

Implementation Details

Authorizations

To use the application a user must be assigned an authorization in the PFCG role that includes object `M_MATE_MAT` (Material Master: Basic Data).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F7978`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Supersession Overview

12.6.3 General

12.6.3.1 Assign Location Product-Specific Segmentations (Clusters)

Business Details

With this feature, you can assign location product-specific segmentations (clusters) to parts in the product master data within SAP S/4HANA and use them in the Extended Service Parts Planning processes. Clusters serve to group location products of the same kind. You define a cluster type for the criterion with which the clusters are to be formed.

Handling clusters includes the following functionality:

- Define cluster types (main category describing attributes) and cluster values (individual attributes) in Customizing.
  For example: cluster type *Turnover* with cluster values *Slow*, *Medium* or *Fast*.
- Assign location products to cluster types and cluster values in the product master data.
- Use mass maintenance to assign cluster types and cluster values to multiple location products via the SAP Fiori app *Manage Mass Maintenance* or via transaction `MASSD`.
- Use planning service *Cluster Assignment* (SPP_PMDS_CLUSTER_A) to assign cluster types and cluster values to a multitude of products according to defined rulesets.
- Define complex selections (including AND and OR combinations of cluster types and cluster values) using the SAP Fiori app *Manage Cluster Selections*.

Note that a selection of location products has no impact on the logic of PSM services. That means if a service runs for the whole Bill of Distribution (BOD), it will still run for all locations within the BOD. For example, you assign the cluster group type *Local Parts* with cluster type *Yes* to product A in location 1000. In a PSM selection, you use the combination of *Local Parts* with cluster type *Yes*. It will identify product A in location 1000. If you run the DRP service with that selection now, it will run for product A, and not just for product A in location 1000, as the DRP service will still consider the entire BOD.

Implementation Details

Customizing

You can define location product cluster types and cluster values in Customizing for *Extended Service Parts Planning* under ▶ *Master Data* > *Product* > *Location Product Clusters* > *Define Cluster Types* ▶ and *Define Cluster Values*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	SCM-APO-SPP
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

PSM Services for General Data Processing
Manage Cluster Selections
Manage Mass Maintenance

12.6.3.2 Best Practice – Demand Planning (7JF)

Business Details

With this feature, you now can benefit from the following advanced machine learning-based forecasting features, in addition to the traditional time-series forecasting features:

- Improve forecast accuracy using advanced forecasting models such as Extended ARIMA (AutoRegressive Integrated Moving Average with Explanatory variables, or simply ARIMAX), Gradient Boosting Decision Trees (GBDT), and Single Exponential Smoothing Optimized (SESO).
- Integrate external data into the forecast calculations by uploading external time series data to enhance future forecasts.

Sample files for historical demand, including constant, trend, seasonal, and sporadic patterns, as well as external time series at the location product level, are provided to prepare and upload your own data.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7JF
Technical Object Name	Not applicable
Application Component	SCM-APO-SPP
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

12.6.3.3 Best Practice –Stocking and Destocking Positions (7VA)

Business Details

With this feature, you can enable content for the stocking and destocking functionality. It comes with pre-configured business rules and decision tables based on demand quantity and procurement cost, which outline the parameters for making stocking and destocking decisions. If needed, you can also implement exclusion rules for specific locations to prevent certain products or groups of products, especially hazardous ones, from being stored there. Additionally, you can utilize the approval process to ensure that any changes to stocking or destocking decisions are subject to manual review. Sample demand files are provided for different demand types, such as constant, trend, seasonal, and sporadic. You can use those to prepare and upload your own demand.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7VA
Technical Object Name	Not applicable
Application Component	SCM-APO-SPP

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

12.6.3.4 Best Practice – Calculation of Economic Order Quantity and Safety Stock (7VB)

Business Details

This feature enables you to calculate the Economic Order Quantity (EOQ) and Safety Stock via the following two options:

- Classic EOQ/Safety Stock: This native method performs essential calculations directly within eSPP.
- Multistage Safety Stock: A more advanced method that utilizes the Supply Chain Algorithms Library (SCAL).

Each method has its specific use cases and advantages, and content for both methods is included in this best practice. However, for implementing and executing the best practice scenario, detailed instructions are provided for calculating EOQ (Economic Order Quantity) and safety stock using the Multistage Safety Stock calculation service.

The Multistage Safety Stock calculation aims to help you strike a balance between customer service levels and inventory investment. This service determines optimal safety stock values for each product throughout the entire distribution network, as outlined in the Bill of Distribution (BOD). In addition to safety stock, it also calculates the Reorder Point, economic order quantity (EOQ), and the EOQ Period. Furthermore, the service generates key explanatory figures that provide insights into the rationale behind safety stock levels across the BOD.

You are responsible for manually maintaining the inventory planning business rules, which are based on factors such as product group and location. These rules include target service levels, as well as minimum and maximum limits for safety stock, EOQ, and other related parameters.

By using this input data and adhering to best practice content, you can develop an inventory plan by running a planning service that computes the optimal EOQ and safety stock for each product across the distribution network.

Additionally, you can utilize an approval process to ensure that any changes made to safety stock levels undergo manual review. With the planner worklist, you can evaluate the safety stock results and approve the inventory plan for specific locations and products.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	7VB
Technical Object Name	Not applicable
Application Component	SCM-APO-SPP
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

12.6.3.5 Consideration of Lead Time Variability in Multistage Safety Stock Calculation

Business Details

This feature enables you to consider lead time variability measures when running the Multistage Safety Stock PSM service.

The multistage safety stock service is now capable of consuming results from the historical lead time analysis. It uses the lead time coefficient of variation as an input for the safety stock calculation. This means that an additional source of uncertainty within the supply chain can be considered in inventory planning.

The share of safety stock caused by lead time variability is included in the safety stock key figure. Additionally, the share itself is shown in a separate key figure *Safety stock supply variability share* in the inventory planning UI.

Using this feature is optional.

Implementation Details

Customizing

A new setting in the multistage safety stock service profile enables the consideration of lead time analysis results. A status group can be defined in field *Lead Time Status Group*. The Multistage Safety Stock service uses the historical lead time analysis results for the specified status group as input for the safety stock calculation.You can define the service profile for multistage safety stock calculation in Customizing for *Extended Service Parts Planning* under *Inventory Planning* > *Define Service Profile for Multistage Safety Stock Calculation*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	PSM service: `SPP_INVP_MULSTAGE_SFT_SERV`
Application Component	`SCM-APO-SPP-SIP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

PSM Services for Inventory Planning

12.6.3.6 Forecast Adjustment

Business Details

This feature enables you to modify forecast results using a factor or a specific value. If you anticipate an increase or decrease in demand, you can adjust the forecast.

The forecast adjustment introduces three new key figures: *Adjustment Factor*, *Adjustment Value*, and *Adjusted Forecast*. You will find the adjustment value and adjustment factor key figures in the TSDM structure, under the SPPM and SPPW time series data types.

There are two main possibilities to modify the forecast adjustment key figure values. You can either enter the Forecast UI or use the mass upload tool report (/SAPAPO/EXT_TS_UPLOAD).

On the Forecast UI you can modify the key figures on a location-product level, by entering values to the appropriate cells in change mode. After hitting *Enter*, the corresponding value of the adjusted forecast key figure is updated but the values are not yet persisted. Only after clicking the *Save* button, the adjusted values are stored into the database.

To modify values using the mass upload tool report, you need to prepare a .csv file that contains the proper quantities for the location products. Once you prepared that file, you can upload the values using the report.

Implementation Details

Customizing

For backward compatibility with other systems, the forecast adjustment functionality is disabled by default. To enable the function, set the flag *Use Forecast Adjustment Functionality* in the *Extended Service Parts Planning* Customizing under *Forecasting* > *General Settings for Forecast*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	SCM-APO-SPP-SFC
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Forecast Adjustment

12.6.3.7 Mass Uploading and Editing of Fixed Demands and Receipts

Business Details

With this feature, you can use the *Manage Mass Maintenance* and *Manage Mass Processing* apps to create, change, display, download, and upload fixed demands and receipts.

The new feature also supports maintenance of active and inactive versions for fixed demands and receipts. For more information on working with fixed demands and receipts, see Fixed Demands and Fixed Receipts.

Implementation Details

Authorizations

To access this app you must have the minimum authorization delivered with the business role template `SAP_BR_DATA_MAINT_SPP` (*Planning Data Specialist - Service Parts*)

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F7729`
	`F7733`

Application Component	`SCM-APO-SPP` (*Service Parts Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Mass Maintenance
Manage Mass Processing

12.6.3.8 Mass Uploading and Editing of Cluster Data

Business Details

With this feature, you can use the *Manage Mass Maintenance* and *Manage Mass Processing* apps to create, display, change, download, and upload location product cluster data.

The new feature also supports maintenance of active and inactive versions for cluster data. For more information on how to work with cluster data, see Assign Location Product-Specific Segmentations (Clusters) [page 1167].

Implementation Details

Authorizations

To access this app you must have the minimum authorization delivered with the business role template `SAP_BR_DATA_MAINT_SPP` (*Planning Data Specialist - Service Parts*)

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F7729`
	`F7733`

Application Component	`SCM-APO-SPP` (*Service Parts Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Mass Maintenance
Manage Mass Processing

12.6.3.9 Mass Uploading and Editing of Location Products

Business Details

With this feature, you can use the *Manage Mass Maintenance* and *Manage Mass Processing* apps to display, change, download, and upload version-specific location product data.

The new feature also supports fallback of location product data. When editing data using the *Manage Mass Maintenance* app or Planning Services Manager (PSM), the system reads data from the active version if version-specific data is not available. If you make changes, the system creates a new entry in the relevant tables for the simulation version.

Implementation Details

Authorizations

To access this app you must have the minimum authorization delivered with the business role template `SAP_BR_DATA_MAINT_SPP` (*Planning Data Specialist - Service Parts*)

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F7729`
	`F7733`

Application Component	`SCM-APO-SPP` (*Service Parts Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Mass Maintenance
Manage Mass Processing

12.6.3.10 Planning Versions with Fallback Functionality

Business Details

With this feature, you can create simulation planning versions using the fallback function. This avoids copying master data into the simulation version. The currently supported data types are:

- Location Product (Master Data)
- Transportation Lane (Master Data)

When editing data using the *Manage Mass Maintenance* app or *Planning Services Manager* (PSM), the system reads data from the active version if version-specific data is not available. If you make changes, the system creates a new entry in the relevant tables for the simulation version.

Implementation Details

Authorizations

To access this app you must have the minimum authorization delivered with the business role template `SAP_BR_DATA_MAINT_SPP` (*Planning Data Specialist - Service Parts*).

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F7729`
Application Component	`SCM-APO-SPP` (*Service Parts Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Mass Maintenance

12.6.3.11 OEM-Managed Inventory

Business Details

With this feature, you can plan the stock of selected dealers. In this way, you can support these dealers in optimizing their procurement planning and stock situation. Furthermore, these dealers no longer need to order from you actively; as the original equipment manufacturer (OEM) and owner of Extended Service Parts Planning (eSPP), you trigger the transfer of stock to a dealer location for normal replenishment.

If you decide to plan specific products for selected dealers, you classify these dealers as active dealers in the business partner master data, create them as business partner locations (that is, locations of type 1021) in

the location master data and include these locations in your bill of distribution. In the location product master data (dealer product), you indicate the products for these locations that you want to plan as relevant for OEM-managed inventory.

The dealer provides you with demand history, stock, and in-transit information from his or her (external) system using business-to-business message interfaces. You use this information from your dealers as the basis to execute service parts planning.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	SCM-APO-SPP
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

OEM-Managed Inventory

12.6.3.12 Stock Monitoring Demand vs. Stock

Business Details

This feature enables you to proactively manage inventory by providing timely notifications when stock levels fall below a critical threshold compared to the recent demand history quantity. This is particularly important for industries where maintaining the availability of specialized parts is a significant challenge.

Planners are notified well in advance with alert type 7901 when stock levels are projected to run low, allowing plenty of time to e.g. initiate the process of finding and contracting new suppliers as well as procuring the part so it is available for sale.

Notifications are triggered based on a percentage threshold of the summed global demand over the past defined periods, ensuring that alerts are relevant and actionable.

Parts that are no longer planned or available are automatically excluded from the notification process, ensuring that only actionable items are brought to the planner's attention.

Implementation Details

Customizing

The service profile for the planning service "SPP: Stock Monitoring Service Demand vs. Stock" (`SPP_STOCK_MON_DEM_VS_STOCK`) can be defined in Customizing under *Extended Service Parts Planning* > *Monitoring* > *Stock Monitoring* > *Define Service Profile for Stock Monitoring Demand vs. Stock*.

In the service profile you can maintain the following aspects:

- Specify the length of the historical periods for the demand.
- Specify the percentage of the summed-up demand history that should still be available as stock quantity.
- Specify if only stock from entry location(s) or summed-up stock from the relevant network branch should be considered (entry location, aggregated to entry location).
- Specify the stock type (*Unrestricted Use Stock*, *Blocked Stock*, *In Quality Stock*, *Initial Stock*, *Custom*).
- Specify if open purchase order and/or scheduling agreement line quantities should be considered as incoming stock during calculation.
- Specify the alert priority depending on the deviation of demand vs. stock to fine-tune workload for planners.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`SCM-APO-SPP-SHA`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

PSM Services for Analysis, Reporting, and Monitoring
Alert Types
Stock Monitoring

12.6.3.13 Stock Monitoring Phase-Out Forecast vs. Stock

Business Details

This feature enables you to effectively manage the availability of *End of Production* (EOP) parts, supporting compliance with business and legal requirements for Original Equipment Manufacturers (OEMs). It addresses the challenges faced when suppliers discontinue the supply of EOP parts.

Planners are notified in advance with alert type 7899 when stock levels are expected to become low. This ensures that the remaining quantity of EOP parts is sufficient to meet the phase-out forecasted demand for the next specified number of days. This proactive approach enables planners to respond promptly, starting the process of identifying and contracting new suppliers early enough if needed.

Parts that are no longer planned or available are automatically excluded from the notification process, ensuring that only actionable items are brought to the planner's attention.

Implementation Details

Customizing

The service profile for the planning service "SPP: Stock Monitoring Service Phase-Out Forecast vs. Stock" (`SPP_STOCK_MON_LTF_VS_STOCK`) can be defined in Customizing under *Extended Service Parts Planning* > *Monitoring* > *Stock Monitoring* > *Define Service Profile for Stock Monitoring Phase-Out Forecast vs. Stock*.

In the service profile you can maintain the following aspects:

- Specify the number of days of the phase-out forecast (long-term forecast) to be considered as alert threshold.
- Specify if only stock from entry location(s) or summed-up stock from relevant network branch should be considered (entry location, aggregated to entry location).
- Specify the stock type (*Unrestricted Use Stock*, *Blocked Stock*, *In Quality Stock*, *Initial Stock*, *Custom*).
- Specify if open purchase order and/or scheduling agreement line quantities should be considered as incoming stock during calculation.
- Specify the alert priority depending on the deviation of number of days of phase-out forecast vs. stock to fine-tune workload for planners.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Not applicable
Application Component	SCM-APO-SPP-SHA
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

PSM Services for Analysis, Reporting, and Monitoring
Alert Types
Stock Monitoring

12.7 Country/Region Specifics

For country/region-specific changes, please see What's New for Functional Localizations in SAP S/4HANA.

13 Integration

13.1 Business Network Integration

13.1.1 Ariba Network Integration

13.1.1.1 Automation of Source-to-Pay with Ariba Network (42K)

Business Details

The Automation of Source-to-Pay with Ariba Network (42K) scenario now supports the following features, during the revision of an invoiced service entry sheet in SAP Business Network:

- Receive, process and update a newly generated line item credit memo in SAP S/4HANA after it is received from SAP Business Network, to cancel the invoice corresponding to a service entry sheet.
- Sent the status of the processed line item credit memo from SAP S/4HANA to SAP Business Network.
- Receive a correction service entry sheet from SAP Business Network to cancel the service entry sheet in SAP S/4HANA.
- Sent a confirmation for the revocation of service entry sheet from SAP S/4HANA to SAP Business Network.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	42K(Automation of Source-to-Pay with SAP Business Network)
Technical Object Name	Not applicable
Application Component	`BNS-INT-ARI` (*Ariba Integration with S/4HANA*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Automation of Source-to-Pay with Ariba Network (42K)

13.1.1.2 Central Procurement with SAP Business Network for Procurement (6BJ)

Business Details

With this scope item, you can now connect your SAP S/4HANA hub system to SAP Business Network.

Order confirmations can be created by suppliers in the SAP Business Network for centrally managed purchase orders. These order confirmations are transferred back either to the hub system and further to the connected system or to the connected system based on the configuration.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BJ (Central Procurement with SAP Business Network for Procurement)
Technical Object Name	Not applicable
Application Component	`BNS-INT-ARI` (*Ariba Integration with S/4HANA*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Central Procurement with SAP Business Network for Procurement (6BJ)

13.1.1.3 Renaming of Scope Item 5I2

Business Details

The scope item 5I2 has been renamed from **Subcontracting with SAP Business Network** to **Supply Chain Automation with SAP Business Network**.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	5I2 (Supply Chain Automation with SAP Business Network)
Technical Object Name	Not Applicable
Application Component	`BNS-INT-ARI` (*Ariba Integration with S/4HANA*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

13.2 Integration with SAP Concur

13.2.1 Default Configuration for Business Objects Activated in Integration Activities

With this feature, when you complete the *Setting Up the System Connection* wizard, the SAP system tries to create a default configuration for each integration activity that you enabled in *Integration Activities*, based on the existing setup in your SAP Concur system. For any default configuration created, you can make changes using the individual configuration wizards.

> **Note**
>
> The SAP system does not try to create a default configuration for the:
>
> - Budget Integration Import (Travel Request Import and Expense Report Obligation Import)
> - Invoice Posting Import
> - Purchase Order Export
> - Vendor Export

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `CTE_SETUP`
Application Component	`BNS-CON-SE-S4` (*Concur Suite Enablement S/4HANA Integration*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Integrating SAP S/4HANA Systems with SAP Concur

13.2.2 Enhancements for Expense Report Obligations (BAdI)

Business Details

With this release, we provide new Business Add-Ins for expense report obligations that enable you to:

- Adjust the posting data. Use BAdI *Adjust Expense Report Obligation Posting Data* (`BADI_CTE_EO_POST_ADJUST_DOC`).
- Extract data from the JSON. Use BAdI *Enhance Incoming Expense Report Obligation Posting Data* (`BADI_CTE_EO_POST_DATA_CHANGE`).
- Recalculate amounts for currency handling. Use BAdI *Adjust Amount Fields According to Decimal Places* (`BADI_CTE_EO_POST_ROUNDING`).

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	App ID: `CTE_SETUP`
Application Component	`BNS-CON-SE-S4-FGM` (*Concur S/4H Fundsmanagement and Grantsmanagement Integration*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Additional Details

Business Add-Ins that enable these type of enhancements are also available for travel requests. See the *SAP Integration with Concur Solutions - Setup Guide* for more details.

Related Information

Integrating SAP S/4HANA Systems with SAP Concur

13.2.3 Reference Key Determination for Expense Reports and Cash Advances (BAdI)

When generating reference keys (*AWREF*) for expense reports and cash advances, the system uses standard logic to create a key that links each SAP Concur document with its corresponding Financials (FI) journal entry. By default, the system uses the report key or report number for expense reports and a hash key for cash advances. You can now overwrite this standard logic and recalculate the reference keys, enabling more control over how SAP Concur documents are linked to journal entries.

To do this, use the Business Add-Ins:

- *Determine Concur Reference Document Key for Cash Advances* (`BADI_CTE_FIN_POST_AD_DETM_DKEY`)
- *Determine Concur Reference Document Key for Expense Reports* (`BADI_CTE_FIN_POST_DETM_DOC_KEY`)

> **Note**
>
> Each reference key must be unique. This Business Add-In can be called again in case the generated reference key is not unique.

> **Note**
>
> This Business Add-In is not called more than five times to generate a unique reference key.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `CTE_SETUP`
Application Component	`BNS-CON-SE-S4-FIN` (*Concur S/4HANA Financial Integration*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Integrating SAP S/4HANA Systems with SAP Concur

13.2.4 Support of Alternative Reference System

When setting up the system connection, you can now adjust the reference system in your journal entries per your business requirements.

To do so, maintain the *Reference System* field in the *Global Settings* step of the *Setting Up the System Connection* wizard. You can:

- Enter a custom value, such as a value that identifies the SAP Concur entity.
- Choose the *Default Logical System*, which assigns your SAP system's logical system ID.

> **Note**
>
> The value of the *Reference System* field must be unique for each system connection. This prevents the duplication of system IDs assigned to documents originating from different connections.

> **Note**
>
> The input is editable until a document is posted. Once posted, it cannot be renamed.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `CTE_SETUP`
Application Component	`BNS-CON-SE-S4-FIN` (*Concur S/4HANA Financial Integration*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Integrating SAP S/4HANA Systems with SAP Concur

13.2.5 Support of SAP Concur Standard Edition

Business Details

The integration with SAP Concur now supports connections to an SAP Concur Standard Edition entity.

> **Note**
>
> Budget Integration, Invoice Integration, and Payroll Integration are supported for SAP Concur Professional Edition systems only.

Implementation Details

To begin, activate the *Integration Activities* you require for your business scenario, then create a connection to your SAP Concur Standard Edition in app *Concur Integration Setup*.

Authorizations

For the full list of scopes and grants required for your SAP Concur entity, see SAP Note 2388587.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `CTE_SETUP` App ID: `CTE_POST_MONI` App ID: `CTE_MONI`
Application Component	`BNS-CON-SE-S4` (*Concur Suite Enablement S/4HANA Integration*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Integrating SAP S/4HANA Systems with SAP Concur

13.2.6 Support of Withholding Tax for Tax Handling (BAdI)

Business Details

With this release, we enhance the Business Add-In *Change Posting Data* (`BADI_CTE_FIN_POST_ADJUST_DOC`) by providing support for withholding tax as part of the tax handling process.

The new parameter `CT_ACCWT` is now available to support this withholding tax scenario.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID: `CTE_SETUP`
Application Component	`BNS-CON-SE-S4-FIN` (*Concur S/4HANA Financial Integration*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Integrating SAP S/4HANA Systems with SAP Concur

13.3 Integration with Industry Cloud Solutions from SAP

13.3.1 Replication of Custom Fields for Product Master Data

Business Details

With this feature, you can enhance the logic used to replicate business object data of products from SAP S/4HANA to data ingestion for industry cloud solutions by enabling the replication of custom fields including the values that have been maintained for them for the *Basic Data* views of the product master data.

Implementation Details

Before you can start performing the steps that are required to enhance the replication logic, you must ensure the following:

- In the article master maintenance (transactions `MM41` and `MM42`), custom fields have been maintained for at least one of the *Basic Data* views of the product master data.
- You ingest product data using the product entity version 4.1.0 or higher.

Customizing

If you want to replicate custom fields including the values that are maintained for them for the *Basic Data* views of the product master data from SAP S/4HANA to data ingestion for industry cloud solutions, you must create a new enhancement implementation for the BAdI definition BADI_CIC_ENTITY_EXT to map the content of your custom fields to the generic `Extension` property.

For information about the steps that are required to enable the replication, refer to Replicating Custom Fields for Product Master Data.

Effects on Existing Data

As soon as you are done with enhancing the replication logic, make sure to start an initial replication using transaction `DRFOUT` (*Execute Data Replication*).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: `BADI_CIC_ENTITY_EXT`
Application Component	`CA-ICS-INT-PRD` (*Product*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Replicating Custom Fields for Product Master Data

13.4 Integration with SAP Business Data Cloud

Business Details

Integration between SAP S/4HANA Cloud Private Edition and SAP Business Data Cloud is now possible. SAP Business Data Cloud unifies and governs all SAP data and seamlessly connects with third-party data. This enables leaders to make impactful decisions.

> **Note**
>
> This integration is available for SAP S/4HANA Cloud Private Edition versions 2021, 2022, 2023, and 2025.

Integration with SAP Business Data Cloud enables the transfer of business data from SAP S/4HANA Cloud Private Edition to SAP Business Data Cloud. For more information, refer to Integration with SAP Business Data Cloud.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-BDC-INT` (*Manual connectivity setup guide between S4 and BDC*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

SAP Business Data Cloud

13.5 Country/Region Specifics

For country/region-specific changes, please see What's New for Functional Localizations in SAP S/4HANA.

14 Master Data Replication Using SAP Master Data Integration

Business Details

With this release, the replication of additional types of master data from SAP S/4HANA to different receiving systems using SAP Master Data Integration is supported.

Type of Master Data	Solution area	Relevant scope items	Application component	Link to documentation
Real Estate Usable Object	Finance	not applicable	*Flexible Real Estate Management* (RE-FX)	Real Estate Usable Object Replication

Information for System Administration

You need to connect SAP S/4HANA and SAP Master Data Integration to enable the integration. The general setup instructions, most of which you only have to perform once, are explained here: Master Data Replication: Setup Instructions for SAP S/4HANA. To use the integration for the different types of master data, you make additional settings specific to each type of master data.

Technical Details

Type	New
Functional Localization	Not available
Scope Item	Not applicable
Technical Object Name	Real Estate Usable Object
Application Component	RE-FX (*Flexible Real Estate Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

15 Integrating WalkMe Premium for SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Business Details

The integration of WalkMe Premium for SAP S/4HANA Cloud Private Edition and SAP S/4HANA enables you to increase adoption and proficiency, accelerate onboarding, and simplify change management through in-app guidance that manages aspects of modern user enablement.

For more information about the capabilities of WalkMe, see WalkMe.

Implementation Details

WalkMe Premium for SAP S/4HANA Cloud Private Edition and SAP S/4HANA will not automatically be available in your system. To activate and integrate WalkMe Premium for SAP S/4HANA Cloud Private Edition and SAP S/4HANA, see WalkMe Help Center: Integration of WalkMe Premium .

WalkMe Premium for SAP S/4HANA Cloud Private Edition and SAP S/4HANA requires a separate license.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	• `WME-CON` (*Console for WalkMe*) • `WME-INS` (*Insights for WalkMe*) • `WME-AI` (*AI Capabilities for WalkMe*) • `WME-ADM` (*Admin Content Features for WalkMe*) • `WME-WEB` (*Web Editor and Browser for WalkMe*) • `WME-LOB-FLP` (*WalkMe Integration with SAP Fiori Launchpad*)
Availability	• SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Related Information

Integration with WalkMe
WalkMe
WalkMe Help Center: Integration of WalkMe Premium

16 Country/Region Specifics

For country/region-specific changes, please see What's New for Functional Localizations in SAP S/4HANA.

17 Industries

17.1 Consumer

17.1.1 Agriculture

17.1.1.1 SAP Agricultural Contract Management

17.1.1.1.1 New Fiori App Manage ACM Accumulate to Own Contracts

Business Details

With this app, you can view *Accumulate to Own* contracts and mark them as `Ready to Price` and `Approved`.

Effects on System Administration

You must have the following roles assigned to the users for this feature:

- `SAP_BR_OPERATION_CLERK_ACM` (Business Role for ACM Operations Clerk)
- `SAP_ACM_MATNAPPLICATION` (Backend Role)

You can use this as a template to create new roles and then assign authorization as per your requirement.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F8556`
Application Component	`LO-AGR-APP` (*Application and Call-off*)

Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.1.1.1.2 Enhanced Fiori App Maintain ACM Applications

Business Details

With the new functionality in this app, you can perform additional actions on application documents such as assigning to storage agreements and requesting spot contracts. Additionally there are features to enable actions for multiple application documents at once, such as applying and reversing application documents to or from contracts and pricing lots (within the contracts).

Effects on System Administration

You must have the following roles assigned:

- `SAP_BR_OPERATION_CLERK_ACM` (Business Role for ACM Operations Clerk)
- `SAP_ACM_MATNAPPLICATION` (Backend Role)

Additionally, in the backend system you may also need authorization for objects:

- Mass update functionality: `/ACCGO/MAS`
- Application Job Monitor: `S_BTCH_JOB`
- Application Log: `S_APPL_LOG`

You can use this as a template to create new roles and assign authorization accordingly.

For more information about assigning roles, see *SAP S/4HANA UI Technology Guide*.

Effects on Customizing

The following customizing activities are available under *Global Trade Management* > *Agricultural Contract Management* > *Contract Application* > *Mass Application* that are related to this feature:

- *Define and Create bgRFC Destinations for ACM Mass Processing*
- *Define Count for Online Execution of Actions for Mass Processing*
- *Define OE Execution Mode for Mass Unassign or Apply*

> **Note**
>
> - The customizing activities *Define Count for Online Execution of Actions for Mass Processing* and *Define OE Execution Mode for Mass Unassign or Apply* are optional.

- The customizing activity *Define and Create bgRFC Destinations for ACM Mass Processing* is mandatory. Execute this customizing activity prior to using the *Maintain ACM Applications* app.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F6504`
Application Component	`LO-AGR-APP` (*Application and Call-off*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.1.1.1.3 New Spot Monitor Transaction

With this new feature, a new spot monitor transaction and report is created. It is focused on performance improvement during contract creation. This feature is available in the following menu path: *Agricultural Contract Management* > *Contract Application* > *New Spot Monitor* (transaction `/ACCGO/APP_SPOT_NEW`. The spot monitor can create contracts and apply loads for:

- Simple Spot
- Spot End of Day
- Accumulate to Own

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`/ACCGO/APP_SPOT_NEW`

Application Component	`LO-AGR-APP` (*Application and Call-off*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.1.1.1.4 Secondary Basis Pricing Conditions without Market Data

Business Details

With this new feature, there is capability to include secondary basis pricing conditions that do not have market data. This is driven by setting the *Calculation Type* on the CPE term to `40 (Formula Rate Leading without Market Data)`. After setting the *Calculation Type* to `40`, a field is enabled to specify if this is a secondary basis condition or if it is a non hedgeable flat condition.

> **Note**
>
> Using this feature excludes the condition from being used in risk reporting.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`LO-AGR-CC` (*Commodity Contracts*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.1.1.1.5 Non Hedgeable Flat Condition without Market Data

Business Details

With this new feature, there is capability to include non hedgeable flat pricing conditions that do not have market data. This is driven by setting the *Calculation Type* on the CPE term to `40 (Formula Rate Leading without Market Data)`. After setting the *Calculation Type* to `40`, a field is enabled to specify if this is a secondary basis condition or a non hedgeable flat condition.

> ⓘ Note
>
> - Using this feature excludes the condition from being used in risk reporting.
> - There may be a pricing error if this condition is left floating, as the floating price will be `0`. This is usually set as a gross price condition.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`LO-AGR-CC` (*Commodity Contracts*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.1.1.1.6 Deprecation of CMM_MP_MASS_PRICING (Mass Pricing Workcenter)

Business Details

The transaction `CMM_MP_MASS_PRICING` (Mass Pricing Workcenter) is not supported by the data model in advanced commodity pricing engine. As a result, if the switch for advanced commodity pricing engine is active, then the transaction cannot be used.

Technical Details

Type	Deprecated
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`CMM_MP_MASS_PRICING`
Application Component	`LO-AGR-CC` (*Commodity Contracts*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.1.1.1.7 No Migration for Advanced CPE Actions Table

Business Details

In the advanced commodity pricing engine, there is a table that keeps track of pricing actions such as lift and roll. It tracks the amount used for the calculation. There is another table that keeps track of market data requests which is a functional replacement for the fetch price. As the current data model does not contain enough data (or may not populate depending on the BAdI implementation), the relevant SDMs or migration programs are not delivered.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`LO-AGR-CC` (*Commodity Contracts*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.1.1.1.8 New Feature to Manually Add Secondary Basis Conditions to Contracts

Business Details

With this functionality, you can now focus on conditions which allow you to manually add anything that is missing.

Currently, there is a risk in manually adding secondary basis conditions to contracts. As a workaround, you have to set up the condition records to include as many secondary basis conditions as per your requirement. This results in excessive formula assembly processing as you may include up to 30 secondary basis conditions on every contract.

> **Note**
>
> This feature is not part of the *Process ACM Price Lots* Fiori app.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`LO-AGR-CC` (*Commodity Contracts*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.1.1.1.9 Ability to Turn On or Off Flat Pricing for a Contract Item

Business Details

With this functionality, you can now manually flip (turn on or turn off) flat pricing feature for a specific contract item.

Currently, there is componentized flat pricing activated when a CPE (Commodity Pricing Engine) condition is flagged as flat price condition that is relevant for a contract. This condition type triggers CPE formula assembly and evaluation. It may have performance issues and may result in errors.

This functionality is made available through a BAdI `/ACCGO/BADI_NGCPE_ISFLTPRC_ENB`. This BAdI determines the initial behavior and initiates contracts BRF+ function (`CC10`). It allows you to manually flip the flat pricing feature for a specific contract item. It also allows you to implement your own logic.

> **Note**
>
> The ability to turn on or turn off flat pricing functionality is not available in the *Process ACM Price Lots* Fiori app.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	BAdI: `/ACCGO/BADI_NGCPE_ISFLTPRC_ENB`
Application Component	`LO-AGR-CC` (*Commodity Contracts*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.1.1.1.10 Introduction to Advanced Commodity Pricing Engine

Business Details

Advanced Commodity Pricing Engine (Advanced CPE) is a new version of the Commodity Pricing Engine (CPE). It is available starting with SAP S/4HANA 2025 FPS00. It is based on ABAP Restful Application Programming (RAP) model.

Advanced CPE delivers enhanced capabilities and enables seamless integration with logistics processes such as purchase orders and sales orders.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	To switch on Advanced CPE after migration, activate the feature toggle `S4OP_FTGL_CMM_CPE_REDESIGN`. To activate Advanced CPE in ACM, activate the business function `/ACCGO/NEXTGEN_CPE_ADOPTION`.
Application Component	`CA-GTF-CPE` (*Commodity Pricing Engine*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

This feature is relevant for:

- Existing Agricultural Contract Management (ACM) customers who are currently using the legacy Commodity Pricing Engine
- New ACM customers who are implementing SAP S/4HANA On-Premise or Private Cloud Edition 2025 FPS00

Related Information

SAP Note	Purpose
3631220	Data Conversion Guide for Advanced CPE and ACM (Agricultural Contract Management) adoption of Advanced CPE for ACM customers
3628704	Introduction and adoption of Advanced CPE
3639703	Adoption of Advanced CPE in ACM
3203753	S4TWL - Simplified Commodity Pricing Engine Database Model for more information on Smart CPE data model
3678013	Day 1 Note for ACM Contracts on SAP S/4HANA 2025
3686515	Day 1 Note for Advanced CPE Data Conversion

These documents contain a high-level overview of the transition to advanced commodity pricing engine. It covers information pertaining to:

- Structural changes in the data model
- New features and functional improvements
- Customization updates
- Deprecated components

Advanced commodity pricing engine is built on a redesigned data model. Hence, existing data must be converted to align with the new model. ACM customers who are planning to adopt advanced commodity pricing engine must go through the above SAP Notes for detailed guidance on data migration and implementation.

17.1.1.1.11 Introducing CPE Routines in ACM

Business Details

With this new feature, there is capability to customize and extend formula evaluation using custom routines in advanced commodity pricing engine.

These custom routines are used during formula evaluation and are implemented to inject custom logic as new routines. These routines are initiated during specific points of the evaluation process.

> **Note**
>
> Refer to CPE Routines in ACM for more information.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`LO-AGR-CC` (*Commodity Contracts*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.1.1.1.12 Fetch Price through Market Data Request

Business Details

With Advanced CPE, the ACM feature of Fetch Price has been incorporated into Commodity Pricing Engine (CPE). It is renamed as a *Market Data Request*. This data is stored in the database table `CMM_MKTDATA_REQ` for price requests and `CMM_FXDATA_REQ` for FX requests.

You can use the enhancement spot `ES_CMM_MARKET_DATA_SERVICE` to integrate custom methods to get market prices.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`CMM_MKTDATA_REQ` `CMM_FXDATA_REQ`
Application Component	`LO-AGR-CC` (*Commodity Contracts*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.1.1.1.13 New Fiori App Approve ACM Contracts

Business Details

With this app, you can approve or reject Agricultural Contract Management (ACM) trading contracts.

In case of any data change before approval or rejection, then this app provides navigation to the relevant SAP GUI transactions where change of contract or pricing is possible.

This app is meant to be used by ACM traders. On the Fiori Launchpad tile, it displays the number of contracts in different types like *Sales Contract*, *Purchase Producer Contract*, and *Purchase Commercial Contract*. There are adaptable filters based on *Contract Number*, *Type*, *Status*, *Sales*, *Purchase*, *Counterparty*, *Material*, and *Commodity* for easy search.

You can use this app to:

- Approve or reject contracts
- Navigate to the relevant Fiori apps in case of any data change
- Quick search using available adaptable filters

Effects on System Administration

You must have the following roles assigned to the users for this feature:

- `SAP_BR_TRADER_ACM` (Sample Business Role for ACM Trader)
- `SAP_ACM_CNTRCTAQS1_APP` (Sample Backend Role)

You can use this as a template to create new roles and then assign authorization as per your requirement.

> **Note**
>
> This app is only applicable when using Advanced CPE. Otherwise you can use the *Approve ACM Trading Contracts* app. In case the incorrect app (based on the Advanced CPE switch) is launched, then you will receive a message and will be redirected accordingly.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F4379A`
Application Component	`LO-AGR-CC` (*Commodity Contracts*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.1.1.1.14 New Fiori App Manage ACM Contracts

Business Details

This new app is designed specifically to support you in contract maintenance activities for ACM contract types. The following are the supported activities:

- Create
- Create with reference
- Edit (including pricing changes)
- Close (including closure with CDOTE)
- Trigger output
- View pricing application log
- Reset contract lock

Effects on System Administration

You must have the following roles assigned to the users for this feature:

- `SAP_BR_TRADER_ACM` (Sample Business Role for ACM Trader)
- `SAP_ACM_MNTNCONTR_APP` (Sample Backend Role)

You can use this as a template to create new roles and then assign authorization as per your requirement.

> **Note**
>
> This app is only applicable when using Advanced CPE. Otherwise you can use the *Maintain ACM Trading Contracts* app. In case the incorrect app (based on the Advanced CPE switch) is launched, then you will receive a message and will be redirected accordingly.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F5198A`
Application Component	`LO-AGR-CC` (*Commodity Contracts*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Valid as Of	2025

Display of Floating Prices

In case where the prices or exchange rates are not fixed for all conditions in a price lot, Fiori apps display the following information:

Field	Description
Provisional Total	The provisional total price is the total of specified fixed prices of those conditions that have fixed price and floating price for the conditions where price is not fixed yet.
Provisional Cumulative Basis	The provisional cumulative basis price considers the fixed and floating prices for the respective basis conditions.
Provisional Futures Price	The provisional futures price is the floating price of futures.

These provisional prices can be displayed or hidden. This is controlled through a BADI `/ACCGO/BADI_CAK_DISP_PROV_PRC`. If the BADI is implemented, then the apps include the provisional prices displayed when some conditions and exchange rates are not fixed in a price lot.

> **Note**
>
> Refer to 3025395 for more information on the necessary configuration pertaining to contract status closure.

17.1.1.1.15 New Fiori App Process ACM Contract Snapshots

Business Details

With this app, you can manage Agricultural Contract Management (ACM) trading contract snapshots.

Sometimes there are certain contract amendments made after the contract has already been approved. This may happen during the lifecycle of the contract. These amendments might result in crucial changes to the terms of agreement in a contract. Hence, they must be reviewed by an approver before the amendments are accepted.

Snapshots are generated to keep track of such amendments in the contract. The system generates the snapshot according to the relevant fields configured in the customizing.

You can use this app to:

- Search the snapshots based on multiple search factors like the *Contract Number*, *Date*, *Time*, *Snapshot ID*, *Counterparty*, *Contract Type*, *Output Processing Status*, *Signature Status*, *Snapshot Level*, *Snapshot Note*, *Approval Status*.

- View the snapshot notes and snapshot texts that originate from the *Manage ACM Contracts* app.

  > **Note**
  >
  > These are display only and not editable in the *Process ACM Contract Snapshots* app.

- Update the configured administrative fields. Select the following relevant status values for the corresponding document type (for example, `Output Status-Contract Confirmation`):
  - `1: Processed Successfully`
  - `2: Processed with Warnings`
  - `3: In Process`
  - `4: Error`
- Update the output processing status and signature status manually under the *Snapshot* tab.
- View the snapshot details for amendments like *Level*, *Field Name*, *Field Value*, *Old and New Values*, and *Value Changed*.

Effects on System Administration

You must have the following roles assigned to the users for this feature:

- `SAP_BR_TRADER_ACM` (Sample Business Role for ACM Trader)

You can use this as a template to create new roles and then assign authorization as per your requirement.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F5197A`
Application Component	`LO-AGR-CC` (*Commodity Contracts*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.1.1.1.16 New Fiori App Process ACM Price Lots

Business Details

With this app, you can review and maintain pricing data for Agricultural Contract Management (ACM) trading contracts. This app enables you to drill down into the pricing lot details of a contract. It allows you to perform pricing related actions in the SAP Fiori User Interface. These actions were previously supported only through *Mass Pricing Work Center* (MPWC) in the SAP GUI. You can also create fixations for unpriced quantities in the contract line items and provide adjustment value for contracts by using pricing conditions that are not commonly used.

You can use this app for the following activities:

- Search pricing lots based on filter criteria such *Pricing Approach*, *Contract Type*, *Derivative Contract Specification*, *Maturity Key Date*, and more.
- View price fixation details like the *Price Group ID*, *Quantity*, *Price Component Values*, and more.
- Drill down into the pricing lot details through the *Fee*, *Pricing Methods*, *Exchange Details*, *Nomination*, *CDOTE Orders*, and *Price Component* sections.
- Set prices for single or multiple pricing lots from different contracts at a time.
- Lift price (without equity, with equity, and with CDOTE) and foreign exchange rate (FX) for single or multiple pricing lots from different contracts at a time.
- Roll price for single or multiple pricing lots from different contracts at a time.
- Cancel quantity (without equity, with equity, and with CDOTE) for single or multiple pricing lots from different contracts at a time.
- Provide *Snapshot Text* and *Amending Trader ID* information while performing pricing actions.
- Perform contract value adjustments by pricing uncommonly used conditions at the contract item level.
- Add, delete, or edit uncommonly used conditions on multiple contracts at a time.

Effects on System Administration

You must have the following roles assigned to the users for this feature:

- `SAP_BR_TRADER_ACM` (Sample Business Role for ACM Trader)
- `SAP_ACM_MNTNPRCNG_APP` (Sample Backend Role)

You can use this as a template to create new roles and then assign authorization as per your requirement.

> **Note**
>
> This app is only applicable when using Advanced CPE. Otherwise you can use the *Maintain ACM Pricing* app. In case the incorrect app (based on the Advanced CPE switch) is launched, then you will receive a message and will be redirected accordingly.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F5328A`
Application Component	`LO-AGR-CC` (*Commodity Contracts*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Filter Price Lots by Consumption

A new filter criterion is added to the *Process Price Lots* app to filter price lots based on consumption. A dropdown filter with the following options have been included:

Options	Behavior
All Records	Displays all the records along with the unpriced quantity dummy lot. It is displayed along with a $ symbol.
With Assigned Quantity	Displays only records with assignments. It does not display dummy NPE lots.
Without Assigned Quantity	Displays only records without assignments. It does not display dummy NPE lots.

Selection for the Number of Records Based on Threshold Value

The number of records that can be processed for any mass action through the *Process ACM Price Lots* app is maintained as a configurable constant `GC_MAX_MAIN_QRY_REC` in the `/ACCGO/V_CMN_CTS` view. If the count of records resulting from the selection criteria exceeds the threshold value in the configurable view, then a message prompts you to filter out some records to meet the threshold within the limit. The lesser the threshold value or the number of records from the result set will be processed for the selected mass action.

17.1.1.1.17 Vehicle Contract Design for Componentized Flat and Non Hedgeable Flat

Business Details

With Advanced CPE, vehicle contracts that use the Componentized Flat or Non Hedgeable Flat pricing approaches now create one price lot for each vehicle to harmonize with the design used for the componentized pricing approach.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`LO-AGR-CC` (*Commodity Contracts*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.1.1.1.18 Display of Floating Prices Using Manage ACM Contracts and Process ACM Price Lots Apps

Business Details

In case where the prices or exchange rates are not fixed for all conditions in a price lot, Fiori apps display the following information:

Field	Description
Provisional Total	The provisional total price is the total of specified fixed prices of those conditions that have fixed price and floating price for the conditions where price is not fixed yet.
Provisional Cumulative Basis	The provisional cumulative basis price considers the fixed and floating prices for the respective basis conditions.

Field	Description
Provisional Futures Price	The provisional futures price is the floating price of futures.

> **Note**
>
> This enhancement is available as of:
>
> - SAP S/4HANA and SAP S/4HANA Cloud Private Edition 2025 FPS00
> - SAP S/4HANA and SAP S/4HANA Cloud Private Edition 2025 FPS01

These provisional prices can be displayed or hidden. This is controlled through a BADI `/ACCGO/BADI_CAK_DISP_PROV_PRC`. If the BADI is implemented, then the apps include the provisional prices displayed when some conditions and exchange rates are not fixed in a price lot.

Effects on System Administration

You must have the following roles assigned to the users for accessing the *Manage ACM Contracts* app:

- `SAP_BR_TRADER_ACM` (Sample Business Role for ACM Trader)
- `SAP_ACM_MNTNCONTR_APP` (Sample Backend Role)

You must have the following roles assigned to the users for accessing the *Process ACM Price Lots* app:

- `SAP_BR_TRADER_ACM` (Sample Business Role for ACM Trader)
- `SAP_ACM_MNTNPRCNG_APP` (Sample Backend Role)

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID for the *Manage ACM Contracts* app: `F5198A` App ID for the *Process ACM Price Lots* app: `F5328A`
Application Component	`LO-AGR-CC` (*Commodity Contracts*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	• 2025 FPS01 • 2025 FPS00

17.1.1.1.19 Brazil Localization Enhancement for Agricultural Contract Management

Business Details

Agricultural Contract Management solution has been enhanced in a number of functional areas for Brazil localization. The enhanced functional areas include the following and more:

- LDC Nota Fiscal enhancement for third party purchase, ACM Intra Company, and Non-CAS STO
- Storage and purchase from storage
- Special operations for future delivery and triangular operations
- Application split
- Pegging of third party purchase and non CAS STO
- Settlement adjustment enablement
- Service invoice handling

> **Note**
>
> This enhancement is available as of:
>
> - SAP S/4HANA and SAP S/4HANA Cloud Private Edition 2025
> - SAP S/4HANA and SAP S/4HANA Cloud Private Edition 2023 SPS05

Technical Details

Type	New
Functional Localization	Localized for Brazil
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`LO-AGR-LOC-BR` (*Brazil Localization*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Country-Specific Features

17.1.2 Consumer Products

17.1.2.1 Last Mile Distribution

17.1.2.1.1 Assignment of Additional Visits to Van Sales Routes (Paper-Based Scenario)

Business Details

This feature supports the processing of van sales routes, by allowing settlement clerks to assign additional visits and related documents to van sales routes in a paper-based scenario.

> ⓘ Note
>
> This feature is available as of the following releases:
>
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2022
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2023

Van sellers perform ad-hoc sales of products loaded on a van at sales locations. Typically, a van sales route consists of a number of planned stops (visits); however, in some cases, a van seller might need or decide to stop at additional sales locations on a route (unplanned visits). This makes it necessary to add unplanned visits to a route during route execution. Previously, a van seller had to download all information related to a route to a mobile device and record activities that occurred on a route by using a mobile device (mobile scenario). Now, it is also possible for settlement clerks to record route data of van sales routes after final check-in in a paper-based scenario.

Furthermore, settlement clerks can now assign additional visits to a route after final check-in.

> ⓘ Note
>
> This feature is also available for delivery routes. For more information, see Assignment of Additional Visits to Delivery Routes (Paper-Based Scenario) [page 1232].

Implementation Details

Van sellers perform ad-hoc sales and record products and quantities on printed documents. After route execution is completed, they return to the warehouse and hand over all printed route documents and collected payments to a settlement clerk. The settlement clerk then records and updates route data in the *Settle Route Data* app.

The settlement clerk must first add a visit and one related customer document to enter route data related to a visit in the system. This visit must be unplanned, meaning the customer was not originally assigned to the route during route assembly.

When a settlement clerk adds a visit for the relevant customer, they select the type of document to create for the visit. For more information, see Creation of Customer Documents for Additional Visits on Van Sales Routes (Paper-Based Scenario) [page 1219].

> **Note**
>
> Each customer can only be visited once on each route. That is, a settlement clerk can assign a customer to only one visit on the same route.
>
> If a visit was added by mistake, the settlement clerk can trigger the deletion by removing any manually added customer documents, provided the settlement clerk has manually added the visit. After the last related delivery document, return delivery document, or payment document has been deleted, the visit will be automatically deleted as well.

Authorizations

No additional authorizations are needed for this feature. However, settlement clerks require special authorization to use the *Settle Route Data* app. For more information, see Authorizations for the Settle Route Data App.

Effects on Existing Data

To add new visits in the *Settle Route Data* app, the settlement clerk navigates to the *Visits* tab and selects *Add Visit*. In the dialog box that opens, the settlement clerk selects the relevant customer (ship-to party) by using a value help (F4 help). The system then checks whether the visit's sales area data matches the route and whether the ship-to party is defined for the sales area.

> **Note**
>
> By default, the sales area is pre-filtered to match the route's sales area. Visits can only be added for customers with the same sales area as the route.

When additional visits are created, they are appended to the end of the list of visits.

> **Note**
>
> In SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2022, the *Visits* tab is called *Customer Documents*. On this tab, the following functions are available for this feature:
>
> - *Add Document*: Add an additional document for an existing customer.
> - *Add Customer*: Add a new customer to a route. This is equivalent to adding a new visit.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID: F4242
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Visit List Management
Settle Route Data

17.1.2.1.2 Creation of Customer Documents for Additional Visits on Van Sales Routes (Paper-Based Scenario)

Business Details

This feature enables settlement clerks to create delivery and return delivery documents in a paper-based scenario for unplanned visits that have been added to van sales routes.

> **Note**
>
> This feature is available as of the following releases:
>
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2022
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2023

To facilitate the processing of van sales routes in a paper-based scenario, settlement clerks might have to enter data in the system that van sellers have recorded on printed documents during route execution. To do so, a settlement clerk can now add a new visit with one related document for the relevant customer. For more information, see Assignment of Additional Visits to Van Sales Routes (Paper-Based Scenario) [page 1217]. Then, the settlement clerk creates the relevant delivery or return delivery document in the system.

> **Note**
>
> This feature is also available for delivery routes. For more information, see Creation of Customer Documents for Additional Visits on Delivery Routes (Paper-Based Scenario) [page 1234].

Implementation Details

Settlement clerks can now create delivery and return delivery documents for additional visits by using the *Settle Route Data* app.

Authorizations

No additional authorizations are needed for this feature. However, settlement clerks require special authorization to use the *Settle Route Data* app. For more information, see Authorizations for the Settle Route Data App.

Effects on Existing Data

To add new visits in the *Settle Route Data* app, the settlement clerk navigates to the *Visits* tab and selects *Add Visit*. In the dialog box that opens, the settlement clerk selects the relevant customer (ship-to party) by using a value help (F4 help). The system then checks whether the visit's sales area data matches the route and whether the ship-to party is defined for the sales area. Next, the settlement clerk chooses the type of the first document to be created for the new customer visit. This can be either a delivery document or a return delivery document.

If multiple documents are needed for the customer to be visited, the settlement clerk must first add the customer with one new document. Additional documents for the same customer can then be added by choosing *Add Document* on the visit detail page.

> **Note**
>
> If a visit was added by mistake, the settlement clerk can trigger the deletion by removing any manually added customer documents, provided the settlement clerk has manually added the visit. After the last related delivery document, return delivery document, or payment document has been deleted, the visit will be automatically deleted as well.

> **Note**
>
> In SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2022, the *Visits* tab is called *Customer Documents*. On this tab, the following functions are available for this feature:
>
> - *Add Document*: Add an additional document for an existing customer.
> - *Add Customer*: Add a new customer to a route.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F4242

Application Component	LE-LMD (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.1.2.1.3 Entry of Payment Data Related to Additional Visits (Paper-Based Scenario)

Business Details

This feature enables settlement clerks to record payments collected during additional visits in a paper-based scenario.

> **Note**
>
> This feature is available as of the following releases:
>
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2022
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2023

During route execution, drivers collect payments at different customer locations. When a settlement clerk adds additional visits to routes in a paper-based scenario, this feature allows them to create the relevant payment documents for those visits.

These additional visits must be unplanned, meaning the customer was not originally assigned to the route during route assembly. In a paper-based scenario, drivers record changes to the route on printed documents. After route execution is completed, these printed documents and collected payments are handed over to a settlement clerk who then enters the relevant route data in the system. For more information about the assignment of additional visits, see Assignment of Additional Visits to Van Sales Routes (Paper-Based Scenario) [page 1217] and Assignment of Additional Visits to Delivery Routes (Paper-Based Scenario) [page 1232].

Implementation Details

Collected payments are recorded in payment documents. For more information about payment documents in general, see Payment Documents.

Authorizations

No additional authorizations are needed for this feature. However, settlement clerks require special authorization to use the *Settle Route Data* app. For more information, see Authorizations for the Settle Route Data App.

Effects on Existing Data

After the settlement clerk has added a visit and has selected the corresponding delivery or return delivery document in the *Settle Route Data* app on the *Visits* tab, the system automatically creates a related payment document for this visit.

> **Note**
>
> The payment document is visible when the visit has been created and the changes to the route have been saved.

The settlement clerk then enters the payment data related to the customer visit. Next, all collected payments must be recorded on the *Payments* tab; otherwise, the system will detect differences that are displayed on the *Differences* tab.

> **Note**
>
> If a visit was added by mistake, the settlement clerk can trigger the deletion by removing any manually added customer documents, provided the settlement clerk has manually added the visit. After the last related delivery document, return delivery document, or payment document has been deleted, the visit will be automatically deleted as well.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F4242
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Visit List Management
Settle Route Data
Payments
Creation of Customer Documents for Additional Visits on Van Sales Routes (Paper-Based Scenario) [page 1219]

17.1.2.1.4 Management of Visit List Schedules

Business Details

This feature introduces visit list schedules for strategic visit list planning.

Transportation planners use visit list schedules to plan visit lists well ahead of time. A visit list schedule is a static plan for long-term organization of customer visits and deliveries. In these schedules, customers are grouped based on various criteria such as visiting days, routes, and specific vehicle-driver combinations. Visit list schedules are used to create visit lists.

> ⓘ Note
>
> Visit list schedules can only be created for delivery routes, as the assignment of activities or visit list items to visits is currently not supported.

Implementation Details

Visit list schedules are created outside of Last Mile Distribution and are sent to SAP S/4HANA by using the OData service *Visit List Schedule* (`LstMiVstListSchedule`).

In Last Mile Distribution, the transportation planner reviews, adjusts and releases visit list schedules by using the *Manage Visit List Schedules* app. For more information, see Manage Visit List Schedules (SAP S/4HANA) [page 1225].

The transportation planner then releases the visit list schedules for visit list generation by using the *Visit List Generation* report (`P_LMD_VLS_VL_GENERATION`). For more information, see Generation of Visit Lists from Visit List Schedules [page 1226].

The created visit lists then support the planning and execution of routes. For more information, see Visit List Management.

> ⓘ Note
>
> To destroy visit list schedule data when it is no longer needed, the data destruction object `LMD_VLS` is used. For more information, see Data Management in Visit List Schedule Management [page 1228] and Destroying Visit List Schedule Data Using LMD_VLS.

Authorizations

- Transportation planners require special authorization to use the *Manage Visit List Schedules* app. For more information, see Authorizations for the Manage Visit List Schedules App.
- The *Visit List Generation* report can be run by a technical user via a background job or a transportation planner can run this report directly. For more information about the required authorizations, see Set Up Authorizations for Visit List Generation.
- The authorization object *Last Mile Distribution: Visit List Schedule* (`LMD_VLS`) has been created to secure processes and to control access to visit list schedule data.

Customizing

To use the visit list schedule management capabilities provided by Last Mile Distribution, you must make the following settings in Customizing for *Logistics Execution* under *Last Mile Distribution* > *Visit List Schedule Management*:

- Define the number ranges used to generate visit list schedule IDs in the Customizing activity *Define Number Ranges for Visit List Schedules*.
- Define the number ranges used to generate internal visit IDs for visit list schedules in the Customizing activity *Define Number Ranges for Visits in Visit List Schedules*.
- Define visit list schedule types in the Customizing activity *Define Visit List Schedule Types*.
- Configure visit list schedule types to determine the default sales area for a visit in a visit list schedule in the Customizing activity *Configure Visit List Schedule Types*.
  Visit list schedule types are also used to determine number ranges for visit list schedule IDs and visit IDs.
- Assign visit list schedule types to visit list types in the Customizing activity *Assign Visit List Schedule Types to Visit List Types*.

To use visiting rules for visit list schedules, you must make the following settings in Customizing for *Logistics Execution* under *Last Mile Distribution* > *Visit List Schedule Management* > *Visiting Rules*:

- Define the number ranges used to generate IDs for visiting rules in the Customizing activity *Define Number Ranges for Visiting Rules*.
- Assign internal number ranges to visiting rule reference types in the Customizing activity *Configure Visiting Rule Reference Types*.
- Define visiting rule recurrence types in the Customizing activity *Define Visiting Rule Recurrence Types*.

Effects on Existing Data

- The *Visit List Planning* report (transaction `LMD_VL_PLANNING`) and the Customizing activity *Define Visit List Planning Profiles* (`V_LMD_VL_PROFILE`) have been enhanced to process delivery documents that contain visits planned with visit list schedules.
  The following fields have been added:
  - *No Product Proposals for Customers with Deliveries*: With this option, you can specify whether, during visit list planning, customer product proposals are to be generated for customers of a visit list with existing planned deliveries if these deliveries match the execution date of the visit list. If this option is selected, for these customers, product proposals are also not considered during load request generation.
  - *Assign Deliveries to Freight Orders*: With this option, you can specify whether planned deliveries are automatically assigned to a freight order during visit list planning. The report only considers deliveries matching the execution date and the sales area of the visit list that contains the customer of the delivery. In addition, the transportation status of the deliveries must be either *Not Processed* or *Partially Processed*.
- The *Visit List* entity (`VisitList`) of the OData service *Visit List* (`LASTMILEVISITLIST`) has been enhanced with the following properties:
  - Visit list schedule UUID (`LstMiVstListSchedUUID`)
  - Vehicle ID (`ResourceID`)
  - Standard route (`LastMileDeliveryRoute`)
    A standard route is a planned path or a sequence of stops taken by drivers to deliver goods or perform service tasks efficiently and on time. A standard route is a geographical, logistical, or organizational division that is used only for information and grouping purposes.

For more information about the *Visit List* entity, see Visit List (Entity) in the API documentation.

- In the *Edit Visit Lists* app, transportation planners can now filter by *Vehicle ID* and *Standard Route*.
- The business partner end of purpose (EoP) check has been enhanced to consider visit list schedule data. For more information, see Business Partner End of Purpose (EoP) Check in Last Mile Distribution.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F4242
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Visit List Schedule Management
Visit List
Visit List Planning

17.1.2.1.5 Manage Visit List Schedules (SAP S/4HANA)

Business Details

With this app, you can create, read, update, delete and release visit list schedules.

For more information about visit list schedules, see Visit List Schedule Management.

Implementation Details

During strategic visit planning, transportation planners review and adjust visit list schedules in the *Manage Visit List Schedules* app. After the visit list schedules are finalized, the transportation planner releases these visit list

schedules for visit list creation with the *Visit List Generation* report (`P_LMD_VLS_VL_GENERATION`). For more information, see Generation of Visit Lists from Visit List Schedules [page 1226].

Authorizations

Transportation planners require special authorization to use the *Manage Visit List Schedules* app. For more information, see Authorizations for the Manage Visit List Schedules App.

You can find the data required to implement the *Manage Visit List Schedules* app at SAP Fiori Apps Reference Library.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: F4737
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Management of Visit List Schedules [page 1223]
Manage Visit List Schedules

17.1.2.1.6 Generation of Visit Lists from Visit List Schedules

Business Details

With this feature, technical users can generate visit lists that are then used for the planning and execution of routes.

Technical users can set up a report to automatically generate visit lists based on visit list schedules by scheduling a background job. Additionally, the report can also be run manually to generate visit lists based on different selection criteria.

For more information about visit list schedules, see Management of Visit List Schedules [page 1223].

Implementation Details

The *Visit List Generation* report (`P_LMD_VLS_VL_GENERATION`) supports the creation, simulation, and deletion of visit lists based on predefined visit list schedules.

The report can be scheduled as a background job for specified visit list schedules to create multiple visit lists at a specific time. After the report has run, the output or result of the simulation, generation, or deletion is displayed. Additionally, for performance reasons during mass processing of the report, detailed output and/or the display of visits can be deactivated by deselecting the options *Display Detailed Output* and/or *Display Visits*.

However, the report can also be run manually, for example, based on the following selection criteria:

- Individual visit list schedule
- Visit list schedule type
- Execution organization
- Driver ID

> **Note**
>
> The report cannot process visit list schedules whose validity periods do not overlap with the corresponding generation periods.

Authorizations

The *Visit List Generation* report can be run by a technical user via a background job or a transportation planner can run this report directly. For more information about the required authorizations, see Set Up Authorizations for Visit List Generation.

Customizing

You assign visit list schedule types to visit list types in Customizing for *Logistics Execution* under *Last Mile Distribution* > *Visit List Schedule Management* > *Assign Visit List Schedules to Visit List Types*.

Effects on Existing Data

Visit lists that have been created with the *Visit List Generation* report are visible in the *Edit Visit Lists* app. Furthermore, the transportation planner can use the *Visit List Planning* report (transaction `LMD_VL_PLANNING`) to perform different planning activities. For more information, see Edit Visit Lists and Visit List Planning.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable

Technical Object Name	`P_LMD_VLS_VL_GENERATION` (*Visit List Generation*)
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Visit List Management

17.1.2.1.7 Data Management in Visit List Schedule Management

Business Details

A data destruction object has been added for visit list schedule data within Last Mile Distribution.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`P_LMD_VLS_DES`
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Additional Details

Name of Data Destruction Object	Object Type	Changes with This Release	Details	More Information
P_LMD_VLS_DES	Data destruction object	A data destruction object has been added.	You can use this data destruction object to destroy data related to visit list schedules.	Destroying Visit List Schedule Data Using LMD_VLS

Related Information

Data Management in Last Mile Distribution
Management of Visit List Schedules [page 1223]

17.1.2.1.8 Download of Recovery Points for External Editing

Business Details

This feature enables system administrators to download recovery point data for external modification and correction. It provides an efficient method to identify and correct erroneous data, ensuring that asynchronous process steps can be successfully completed.

When a settlement clerk encounters issues they cannot resolve during route settlement, they contact a system administrators, who then downloads and corrects any erroneous process steps.

Implementation Details

System administrators can now download data related to a single recovery point at a time by using the *Monitor Route Data* app. The app also provides an upload function for data of one corrected recovery point at a time. For more information, see Upload of Recovery Points to Restart Settlement Process [page 1230].

Authorizations

The authorization object *Last Mile Distribution: Process Framework* (`LMD_PRF`) has been enhanced to support the download of recovery point data (*Download* (`DL`)).

For more information about authorizations needed to work with the *Monitor Route Data* app, see Authorizations for the Monitor Route Data App.

Effects on Existing Data

The *Monitor Route Data* app has been enhanced. Under *Process Monitoring*, system administrators can now use the *Download Recovery Point* button to download recovery point data as a `JSON` file.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F4558
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Settlement Troubleshooting

17.1.2.1.9 Upload of Recovery Points to Restart Settlement Process

Business Details

This feature enables system administrators to upload corrected recovery point data.

When a settlement clerk encounters issues they cannot resolve during route settlement, they contact a system administrators, who then downloads and corrects any erroneous process steps. For more information, see Download of Recovery Points for External Editing [page 1229].

After the system administrator has corrected the erroneous data in the downloaded file and uploaded the corrected file again, they contact the settlement clerk to restart the settlement process for the relevant route.

Implementation Details

This function offers an efficient method to modify and correct incorrect data by using the *Monitor Route Data* app when an asynchronous process failed due to incorrect data.

Authorizations

The authorization object *Last Mile Distribution: Process Framework* (`LMD_PRF`) has been enhanced to support the upload of recovery point data (*Upload* (`UL`)).

For more information about authorizations needed to work with the *Monitor Route Data* app, see Authorizations for the Monitor Route Data App.

> **Note**
>
> The settlement of the route must be restarted manually with the corrected data in the *Settle Route Data* app. To use the app, settlement clerks require special authorization. For more information, see Authorizations for the Settle Route Data App.

Effects on Existing Data

The *Monitor Route Data* app has been enhanced. Under *Process Monitoring*, system administrators can now use the *Download Recovery Point* button to download recovery point data as a `JSON` file.

> **Note**
>
> Recovery point data is stored in `JSON` files. Before they are uploaded, files undergo virus scanning to prevent malicious content. The maximum file size is set to 1024 MB.
>
> During upload, the system does not validate the `JSON` file. The system administrator must ensure that the file contains the correct content and that it does not contain any syntax errors.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F4558
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Settlement Troubleshooting

17.1.2.1.10 Assignment of Additional Visits to Delivery Routes (Paper-Based Scenario)

Business Details

This feature enables settlement clerks to assign additional visits and related customer documents to delivery routes in a paper-based scenario.

> **Note**
>
> This feature is available as of the following releases:
>
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2022
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2023

Delivery drivers deliver ordered goods to customers. During route preparation, the delivery route and the related customer visits are planned. A typical delivery route therefore consists of a number of planned stops (visits). However, during route execution, a delivery driver might need or decide to stop at additional customer locations on a route (unplanned visits). This makes it necessary to add unplanned visits to a route during route execution. Previously, a delivery driver had to download all information related to a route to a mobile device and record activities that occurred on a route by using a mobile device (mobile scenario). Now, it is also possible for settlement clerks to record route data of delivery routes after final check-in in a paper-based scenario.

> **Note**
>
> This feature is also available for van sales routes. For more information, see Assignment of Additional Visits to Van Sales Routes (Paper-Based Scenario) [page 1217].

Implementation Details

Delivery drivers deliver ordered goods and record products and quantities on printed documents. After route execution is completed, they return to the warehouse and hand over all printed route documents and collected payments to a settlement clerk. The settlement clerk then records and updates route data in the *Settle Route Data* app.

The settlement clerk must first add a visit and one related customer document to enter route data related to a visit in the system. This visit must be unplanned, meaning the customer was not originally assigned to the route during route assembly.

When a settlement clerk adds a visit for a new customer, they select the type of document to create for the new customer visit. For more information, see Creation of Customer Documents for Additional Visits on Delivery Routes (Paper-Based Scenario) [page 1234].

> **Note**
>
> Each customer can only be visited once on each route. That is, a settlement clerk can assign a customer to only one visit on the same route.
>
> If a visit was added by mistake, the settlement clerk can trigger the deletion by removing any manually added customer documents, provided the settlement clerk has manually added the visit. After the last

related delivery document, return delivery document, or payment document has been deleted, the visit will be automatically deleted as well.

Authorizations

No additional authorizations are needed for this feature. However, settlement clerks require special authorization to use the app. For more information, see Authorizations for the Settle Route Data App.

Effects on Existing Data

To add new visits in the *Settle Route Data* app, the settlement clerk navigates to the *Visits* tab and selects *Add Visit*. In the dialog box that opens, the settlement clerk selects the relevant customer (ship-to party) by using a value help (F4 help). The system then checks whether the visit's sales area data matches the route and whether the ship-to party is defined for the sales area.

> **Note**
>
> By default, the sales area is pre-filtered to match the route's sales area. Visits can only be added for customers with the same sales area as the route.

When additional visits are created on the *Visits* tab, they are appended to the end of the list of visits.

> **Note**
>
> In SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2022, the *Visits* tab is called *Customer Documents*. On this tab, the following functions are available for this feature:
>
> - *Add Document*: Add an additional document for an existing customer.
> - *Add Customer*: Add a new customer to a route. This is equivalent to adding a new visit.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F4242
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.1.2.1.11 Creation of Customer Documents for Additional Visits on Delivery Routes (Paper-Based Scenario)

Business Details

This feature enables settlement clerks to create delivery and return delivery documents in a paper-based scenario for unplanned visits that have been added to delivery routes.

> **Note**
>
> This feature is available as of the following releases:
>
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2022
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2023

To facilitate the processing of delivery routes in a paper-based scenario, settlement clerks might have to enter data in the system that delivery drivers have recorded on printed documents during route execution. To do so, a settlement clerk can now add a new visit with one related document for the relevant customer. For more information, see Assignment of Additional Visits to Delivery Routes (Paper-Based Scenario) [page 1232]. The settlement clerk can then enter the relevant route data in the system.

> **Note**
>
> This feature is also available for van sales routes. For more information, see Creation of Customer Documents for Additional Visits on Van Sales Routes (Paper-Based Scenario) [page 1219].

Implementation Details

Settlement clerks can now create delivery and return delivery documents for additional visits in the *Settle Route Data* app.

Authorizations

No additional authorizations are needed for this feature. However, settlement clerks require special authorization to use the *Settle Route Data* app. For more information, see Authorizations for the Settle Route Data App.

Effects on Existing Data

To add new visits in the *Settle Route Data* app, the settlement clerk navigates to the *Visits* tab and selects *Add Visit*. In the dialog box that opens, the settlement clerk selects the relevant customer (ship-to party) by using a value help (F4 help). The system then checks whether the visit's sales area data matches the route and whether the ship-to party is defined for the sales area. Next, the settlement clerk chooses the type of the first document to be created for the new customer visit. This can be either a delivery document or a return delivery document.

If multiple documents are needed for the customer to be visited, the settlement clerk must first add the customer with one new document. Additional documents for the same customer can then be added by choosing *Add Document* on the visit detail page.

> **Note**
>
> If a visit was added by mistake, the settlement clerk can trigger the deletion by removing any manually added customer documents, provided the settlement clerk has manually added the visit. After the last related delivery document, return delivery document, or payment document has been deleted, the visit will be automatically deleted as well.

> **Note**
>
> In SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2022, the *Visits* tab is called *Customer Documents*. On this tab, the following functions are available for this feature:
>
> - *Add Document*: Add an additional document for an existing customer.
> - *Add Customer*: Add a new customer to a route.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F4242
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.1.2.1.12 Enhancement of Document Item Condition Types

Business Details

This feature supports additional document item condition types and introduces pricing conditions independent of SAP Omnichannel Promotion Pricing.

Previously, only fixed amount condition types were supported, such as granting customers a total discount of USD 10 or a fixed total price of USD 100. With this feature, the range of supported condition types has been enhanced. In addition to fixed amount condition types, percentage, quantity, weight, and volume-based condition types can now be used. For example, you can now grant a discount of USD 10 for each quantity unit or offer a price reduction of 3% for each piece.

Furthermore, simple pricing conditions can now be used without SAP Omnichannel Promotion Pricing.

> **Note**
>
> This feature is available as of the following releases:
>
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2022
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2023

Implementation Details

The new pricing conditions are considered during route planning, route execution, and route settlement. In a mobile scenario, pricing conditions are calculated in the back end (SAP S/4HANA Sales), and drivers can download this information provided by a third-party solution or an SAP public OData service for pricing. During route execution, drivers can add or edit pricing data directly on their mobile devices. After route execution is completed, drivers can upload any new or changed pricing conditions from their mobile devices to the back-end system by using the *Mobile Data for Last Mile Distribution* (`LMD_MA`) OData service. During route settlement, the sales order is updated accordingly to reflect the uploaded pricing condition data.

For more information, see Mobile Data for Last Mile Distribution in the API documentation.

Effects on Existing Data

The following fields have been added to the LMD database table `LMD_COM_D_IM_CND`:

- `CONDITION_TYPE` (CDS view field name: `ConditionType`, data element: `KSCHL`)
  Stores SD pricing condition types of the condition record.

  > **Note**
  >
  > Maintain this field when the `CONDITION_PURPOSE_ID` is not provided. If both the CDS view fields `Condition Type` field and `Purpose ID` field are maintained, the `ConditionType` is prioritized, and the `PurposeID` is not used during route settlement.

- `CONDITION_CURRENCY` (CDS view field name: `ConditionCurrency`, data element: `WAERS`)
  Stores currency keys of condition rates. For fixed amounts, for example, USD 100 or USD 50 USD for each piece, the currency key `USD` will be stored.

  > **Note**
  >
  > When conditions including percentages are used, this field is left empty.

- `CONDITION_QUANTITY` (CDS view field name: `ConditionQuantity`, data element: `KPEIN`)
  Stores the base quantity of rate condition types. For example, if the rate is USD 10 for 5 pieces, **5** will be stored.

  > **Note**
  >
  > When fixed amounts or percentage condition types are used, this field is left empty.

- `CONDITION_QUANTITY_UNIT` (CDS view field name: `ConditionQuantityUnit`, data element: `KVMEI`)
  Stores the base unit of measure for rate condition types. For example, if the rate is USD 10 for 5 pieces, `PC` will be stored.

> **Note**
>
> When fixed amounts or percentage condition types are used, this field is left empty.

Furthermore, the *Mobile Data for Last Mile Distribution* (`LMD_MA`) OData service has been enhanced and the following properties have been added to the *Document Item Conditions* entity:

- `ConditionCurrency`
- `ConditionPurposeID`
- `ConditionQuantity`
- `ConditionQuantityUnit`

For more information about the *Document Item Conditions* entity, see Document Item Conditions.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Database table: `LMD_COM_D_IM_CND`
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Integration with SAP Omnichannel Promotion Pricing

17.1.2.2 Revenue Growth Management

17.1.2.2.1 Define Spend Scenarios

Business Details

This feature enables you to configure the settings for different spend scenarios used by the promotion proxy object to convert promotion data in SAP Revenue Growth Management into executable objects in SAP S/4HANA Cloud Private Edition.

Implementation Details

Customizing

You can configure the settings in the Customizing activity *Define Spend Scenarios* under *Logistics – General* > *Revenue Growth Management* > *Revenue Growth Management Promotions* > *Proxy Object Settings*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Customizing Activity: `Define Spend Scenarios`
Application Component	`IS-RGM` (*Revenue Growth Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.1.2.2.2 Configure General Settings

Business Details

This feature enables you to configure the settings for the integration between SAP Revenue Growth Management and SAP S/4HANA Cloud Private Edition.

Implementation Details

Customizing

You can configure the settings in the Customizing activity *Configure General Settings* under *Logistics – General* > *Revenue Growth Management* > *Revenue Growth Management Promotions* > *Proxy Object Settings*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Customizing Activity: `Configure General Settings`
Application Component	`IS-RGM` (*Revenue Growth Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.1.2.2.3 Revenue Growth Management Claims

17.1.2.2.3.1 Manage Claim Requests

Business Details

This feature enables you to create retailer claims related to promotions managed in SAP Revenue Growth Management. You can then validate these claims against the relevant condition contracts and approve them based on the validation results.

You can manage the entire lifecycle of a claim request. This includes creating new claims, modifying existing entries, validating claims against condition contracts, and approving them based on validation outcomes and business rules. You can create a claim request in the system using one of two primary document types: a **Reimbursement Request** for deductions taken against a payment or an **Invoice** for direct payment claims. For more information on managing claim request, see Manage Claim Requests.

Implementation Details

Authorizations

Users can access the `Manage Claim Requests` app with the front-end role `SAP_BR_PROCESSOR_TCP` (`Administrator - Revenue Growth Management`). Additionally, the authorization objects necessary must be assigned to the relevant back-end role. For more information about roles and authorizations see, Roles and Authorizations

Customizing

You can configure basic settings in the Customizing activity *Basic Settings* under *Logistics – General* > *Revenue Growth Management* > *Revenue Growth Management Claims*.

You can implement enhancements using Business Add-Ins. The BAdIs are located in Customizing under *Logistics – General* > *Revenue Growth Management* > *Revenue Growth Management Claims* > *Enhancements using Business Add-Ins*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`F8441`: `Manage Claim Requests`
Application Component	`IS-RGM-TCP` (*Trade Claim Processing*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.1.2.2.3.2 Manage Workflows

Business Details

This feature provides configuration options to manage the approval workflow parameters for retailer claims that are related to promotions managed in SAP Revenue Growth Management.

This configuration allows you to define specific approval steps, conditions, and approvers based on claim attributes. Setting these parameters ensures that claims are automatically routed to the correct personnel for review.

Implementation Details

Customizing

You can configure the settings in the Customizing activity *Flexible Workflow for Revenue Growth Management Claims* under *Logistics – General* > *Revenue Growth Management* > *Revenue Growth Management Claims*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Customizing Activity: `Workflow for Revenue Growth Management Claims`
Application Component	`IS-RGM-TCP` (*Trade Claim Processing*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.1.2.2.3.3 Manage Teams and Responsibilities

Business Details

This feature provides configuration options to manage approver profiles. The approval workflow uses these profiles when processing retailer claims related to promotions managed by SAP Revenue Growth Management.

By configuring these profiles, you can ensure that the appropriate individuals or roles are responsible for approving promotion-related claims, thereby streamlining the approval process and reducing errors and delays.

Implementation Details

Customizing

You can configure the settings in the Customizing activity *Teams and Responsibility* under *Logistics – General* > *Revenue Growth Management* > *Revenue Growth Management Claims*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Customizing Activity:`Teams and Responsibility`
Application Component	`IS-RGM-TCP` (*Trade Claim Processing*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.1.3 Retail and Fashion

17.1.3.1 Fashion and Vertical Business

17.1.3.1.1 Change of Business Roles in Retail

Business Details

With this release, the technical name for the roles *Order Fulfillment Specialist (Retail)* and *Order Fulfillment Manager (Retail)* have changed.

The new business role IDs are as follows:

Role ID	Role Name	Previous Technical Name (PFCG)	New Technical Name (PFCG)
R0176M	*Order Fulfillment Specialist (Retail)*	SAP_BR_ORD_FULL-FILMNT_SPE_R	SAP_BR_ORD_FLFMT_SPC_RFM
R0226M	*Order Fulfillment Manager (Retail)*	SAP_BR_ORDER_FUL-FILLMNT_MNGR_R	SAP_BR_OR-DER_FLFMT_MGR_RFM

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`LO-RFM` (*S/4HANA Retail & Fashion Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Retail for Merchandise Management

17.1.3.1.2 Release Check in Monitor Supply Assignment Demand App

Business Details

With this feature, you can perform a release check for the requirement document items using the *Monitor Supply Assignment Demand* Fiori application. Release check lets you determine acceptable quantities for your customers. You achieve this by using various settings available through the *Release Check* button. You can use this feature in the *Monitor Supply Assignment Demand* app as an alternative to *Insight to Action* (transaction `ARUNITA`).

Implementation Details

You must have the business role *Order Fulfillment Manager (Retail)* (R0226M) assigned to your user.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	App ID: `F4375`
Application Component	`LO-RFM-ARN` (*Order Allocation Run*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Monitor Supply Assignment Demand

17.1.3.1.3 Display Partially Exploded Orders in Multi Ship-to Order Explosion Report

Business Details

With this feature, you can use the multi ship-to order explosion report (transaction `FSH_MSO`) to display only the main multi ship-to order (MSO) documents that are partially exploded during the explosion process.

You can use the *Analyze Application Log* (`FSH_MSO`) tool to view the document items and the created child orders when the multi ship-to order explosion report is run in background mode.

Implementation Details

Effects on Existing Data

The report now includes the checkbox *Partially Exploded Orders Only* to display only the main MSO documents that are partially exploded.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	App ID: `FSH_MSO`
Application Component	`LO-RFM-SD` (*Sales and Distribution for Retail & Fashion*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Exploding Main Multi Ship-to Order

17.1.3.1.4 Transferring Segment-Relevant Variants of Generic Articles to PP/DS

Business Details

With this feature, you can use segment-relevant variants of a generic article when transferring documents with segmentation details to **Production Planning and Detailed Scheduling (PP/DS)**.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`LO-RFM-SGT`(*Segmentation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Integrating Segmentation with PP/DS

17.1.3.1.5 Fashion Enhancements in OData API for Purchase Order

Business Details

The `Purchase Order` (`PurchaseOrder`) OData V4 API is enhanced with entities that support specific needs in the fashion business process for segmentation, seasons, characteristic values, and value-added services.

The following enhancements are available:

- A new entity, *Item Value Added Service* (`A_ValAddedSrvcMM_3`), for value-added services in purchase order items.
- The entity *Item* (`PurchaseOrderItem`) now includes parameters for segmentation, seasons, and characteristic values.
- The entity *Subcontracting Components* (`POSubcontractingComponent`) now includes a parameter for requirement segment.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `Purchase Order` (`PurchaseOrder`)
Application Component	`LO-RFM-PUR` (*Purchasing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Fashion Enhancements in OData API for Purchase Order

17.1.3.1.6 BAdI: Adjust Supply During Alignment

Business Details

You can use the BAdI **Adjust Supply for Alignment** (`BADI_RFM_ALIGNMENT_SUPPLY_ADJ`) to adjust the supply, allowing multiple purchase orders to fulfil the demand. Additionally, you can use this BAdI to validate and consolidate new supply entries.

This BAdI is invoked after the supply selection and shortly before the alignment proposal is created for the selected demand documents during the alignment process. Once implemented, this BAdI can only be used through the *Schedule Alignment (F3614)* Fiori application.

Implementation Details

Customizing

To use this feature, you must create a BAdI implementation in Customizing for *Logistics - General* under *Fashion Management* > *Materials Management* > *Business Add-Ins (BAdIs)* > *Adjust Supply for Alignment*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F3614` BAdI: `BADI_RFM_ALIGNMENT_SUPPLY_ADJ`
Application Component	`LO-RFM-PUR` (*Purchasing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Alignment of Account Assigned Purchase Requisitions to Purchase Orders

17.1.3.1.7 BAdI: Modify Generic Article Creation Logic During PR to PC Conversion

Business Details

You can use the BAdI **Modify Generic Article Creation Logic During PR to PC Conversion** (`BADI_RFM_PR_PC`) to override the SAP standard logic for grouping variants when converting a purchase requisition to a purchase contract using transaction `RFM_PCO`. Additionally, you can also use this BAdI to change the values of the header and line item fields.

Implementation Details

Customizing

To use this feature, you must create a BAdI implementation in Customizing for *Logistics - General* under *Fashion Management* > *Materials Management* > *Business Add-Ins (BAdIs)* > *BAdI: Modify Generic Article Creation Logic During PR to PC Conversion* >.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: `BADI_RFM_PR_PC`
Application Component	`LO-RFM-PUR` (*Purchasing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Purchase Orders Using IDocs, BAPI, or OData API

17.1.3.1.8 VAS Flexibility During Diversion Cancellation

Business Details

With this feature, you can redetermine value-added services based on the maintained conditions for line items during diversion cancellation. This applies to converted or newly created non-account assigned normal purchase orders.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`LO-RFM-SD` (*Sales and Distribution for Retail & Fashion*) `LO-RFM-PUR` (*Purchasing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Diversion in Third-Party Order and Purchase-To-Order

17.1.3.2 Retail for Merchandise Management

17.1.3.2.1 OData API: Merchandise Category (A2X)

Business Details

The operation to delete merchandise category text is no longer available in the *Merchandise Category Text* (`A_MerchandiseCategoryText`) entity. Instead, the corresponding language-specific texts are deleted on successful deletion of a merchandise category.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_MERCHANDISECATEGORY`
Application Component	`LO-RFM-MD-MC` (*Merchandise Categories*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Merchandise Category (A2X) (Version 0002)

17.1.3.2.2 OData API: Merchandise Category Hierarchy Node (A2X)

Business Details

The operation to delete merchandise category hierarchy node text is no longer available in the *Merchandise Category Hierarchy Node Text* (`A_MrchdsCatHierNodeText`) entity. Instead, the corresponding language-specific texts are deleted on successful deletion of a merchandise category hierarchy node.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_MRCHDSCATHIERNDODE`
Application Component	`LO-RFM-MD-MC` (*Merchandise Categories*)

Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Merchandise Category Hierarchy Node (A2X) (Version 0002)

17.1.3.2.3 Split in Retail In-Store Apps by Business Roles

Business Details

With this release, the *Count Stock* and *My Store Assignment* apps have been divided into separate apps and reassigned based on business roles. Previously, these apps were available to both the store manager and store associate roles in *In-Store Merchandise and Inventory Management*. This change ensures that you access apps and their features that fit your role, streamlining operations and improving task management.

The following tables provides an overview of changes:

Previous Versions	SAP S/4HANA 2025 Onwards	
Business roles (*Store Associate* and *Store Manager*)	Business Role - *Store Associate*	Business Role - *Store Manager*
Count Stock (F1512)	*Count Stock* (F1512)	*Manage Stock Counting* (F8440)
My Store Assignment (F4334)	*My Store Assignment* (F4334)	*Assign Associates to Store* (F8523)

Implementation Details

Authorizations

An administrator must assign the following roles to provide access to specific apps:

- The store manager to access *Manage Stock Counting* (F8440) and *Assign Associates to Stores* (F8523).
- The store associate to access *Count Stock* (F1512) and *My Store Assignment* (F4334).

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F4334` App ID: `F8523` App ID: `F1512` App ID: `F8440`
Application Component	`LO-RFM-STO-FIO` (*In-Store Merchandise and Inventory Management - Fiori Apps*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Assign Associates to Store
Manage Stock Counting
My Store Assignment
Count Stock

17.1.3.2.4 Activate SLS Sub-items Without Additionals in Collective Purchase Orders

Business Details

This feature enables you to determine supplementary logistics services (SLS) for prepacking articles without additionals, in collective purchase orders. This makes cross-docking more efficient within the merchandise distribution process.

Implementation Details

Customizing

Implement the business add-in (BAdI) in customizing for *Logistics - General* > *Merchandise Distribution* > *BAdI: Activate SLS Sub-items without Additionals*.

Effects on Existing Data

After you implement this BAdI, the system automatically creates sub-items in collective purchase orders for articles determined by settings in article and site master data. You no longer need additionals article linked with the cross-docking article. You will notice that the additional artifacts are not changed or used in the new SLS process after implementing the BAdI.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: `RFM_COLLV_PO_SLS`
Application Component	`LO-RFM-MDS` (*Merchandise Distribution*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Supplementary Logistics Services (SLS)

17.1.3.2.5 Report for Posting Tied/Untied Empty Stock Differences

Business Details

The introduction of the alternate unit of measure **Crate (CRT)** in counting applications like *Count Stock* (`F1512`) and *Manage Stock Counting* (`F8440`) can lead to inconsistencies in the stock counting between tied and untied empty products. With this feature, you can use the *Posting Tied/Untied Empty Stock Differences*

(`RFM_EMPTIES_PINV_COUNT_DIFFS`) report to reconcile discrepancies in the inventory of tied and untied empties, ensuring more accurate stock management.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F1512` App ID: `F8440`
Application Component	`LO-RFM-LG-SPV` (*Sales Price Valuation*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

In-Store Merchandise and Inventory Management

17.1.3.2.6 Deprecation of List Product App (F2782)

Business Details

The *List Product* app, which is available in the assortment management and listing solution, is deprecated. We recommend that you switch to the assortment module management solution.

For more information about the assortment module management solution, see Assortment Module Management.

Technical Details

Type	Deprecated

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	F2782
Application Component	LO-RFM-MD-LST (*Listing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Assign Products to Distribution Centers
Assign Product to Assortment Modules

17.1.3.2.7 Decommissioning of OData API: Assortment Module (A2X) (Version 0001)

Business Details

The OData service *Assortment Module (A2X) (Version 0001)* is decommissioned. We recommend that you switch to the successor OData service *Assortment Module (A2X) (Version 0002)*.

The successor API is available on the SAP Business Accelerator Hub.

Technical Details

Type	Deleted
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API_RFM_ASSORTMENT_MODULE
Application Component	LO-RFM-MD-LST (*Listing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Valid as Of	2025

Related Information

Assortment Module (A2X) (Version 0002)

17.1.3.2.8 Mass Assignment of Products to Assortment Module Version

Business Details

With this feature, you can select up to 1,000 products at a time to assign them to an assortment module version, including its follow-on versions.

If you have many products that share the same attributes, you can now use the *Manage Assortment Modules* app to select up to 1,000 products at a time and assign them to an assortment module version, including its follow-on versions. Once you have selected 1,000 products, you can keep adding to your selection as you like – but only 1,000 items at a time. To refine your selection, this feature also offers an enhanced set of filters. For example, you can now filter by generic article, creation date, and GTIN.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F4892`
Application Component	`LO-RFM-MD-LST` (*Listing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Manage Assortment Modules

17.2 Energy & Natural Resources

17.2.1 Oil & Gas

17.2.1.1 Field Logistics

17.2.1.1.1 Enhanced Batch and Goods Receipt Feature Capabilities in Process Receipts Application

Business Details

This feature enables you to:

- Create batches with supplier batches using the *Create Batch* action.
- View additional fields such as *Order Category*, *Order Number*, *Recipient*, *Requisitioner*, and *Unloading Point* details on the list page.
- Perform a two-step Goods Receipt (GR) process with an alternate unit of measurement.
- Create a Putaway Warehouse Task for non-stock and supplier items in a single-plant scenario.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	40G (Field Logistics Planning and Execution) 5OM (Field Logistics Planning and Execution-Direct Procurement) 4AH (Field Logistics Planning and Execution- Supplier Items)
Technical Object Name	App ID:`F5316`
Application Component	`CA-FL-GR` (*Goods Receipt*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.1.1.2 Enhanced Ad Hoc Item Management and Move to Stock Capabilities in Manage Logistics Application

Business Details

This feature enables you to:

- Create ad hoc items with additional fields, such as *Reference Object Type* and *Reference Object Number*.
- Delete existing ad hoc items in the system using the *Delete* action.
- Create and delete ad hoc items through the Manage Logistics Supplier Items API (API_SUPPLIERITEM).
- Create ad hoc items from the core application: *Create Outbound Delivery Without Order Reference (VL01NO)*.
- Perform *Move to Stock* process for additional movement types such as 501Q, 501K, 552, and so on.
- Perform *Move to Stock* using additional fields such as *Special Stock Indicator*, *Reference Document ID*, *Batch*, and *Valuation Type*.
- Configure new core movement types using mapper class in Field Logistics configuration for *Move to Stock*.
- Perform *Issue to Order* action for multiple line items simultaenously from list page.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	4AH (Field Logistics Planning and Execution- Supplier Items) 5OM (Field Logistics Planning and Execution-Direct Procurement)
Technical Object Name	App ID: `F5082`
Application Component	`CA-FL-SRV` (*Services*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.1.1.3 Move to Stock in Process Returned Items Application

Business Details

This feature enables you to perform the *Move to Stock* process for multiple movement types, such as 501, 501K, 561 ,552, and so on.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID: `F7985`
Application Component	`CA-FL-SG` (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.1.1.4 Tracking Voyage Date and Time in Manage Field Logistics Voyages Application

Business Details

This feature enables you to:

- View the actual departure date and time when dispatching the voyage stage.
- View the actual arrival date and time when setting the voyage stage to *Arrived*.

Technical Details

Type	New

Functional Localization	Not applicable
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID:`F6040`
Application Component	`CA-FL-SG` (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.1.1.5 Change Logs for Field Logistics

Business Details

This feature allows you to track changes made within the following applications through the *Change Documents* section available in each respective application:

- *Manage Field Logistics Voyages*
- *Manage Kits*
- *Process Returned Items*
- *Manage Container Master Data*

For *Process Cross-Plant Receipts* and *Initiate Returns by Product* applications, the changes are tracked using database tables CDHDR and CDPOS.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages) 40G (Field Logistics Planning and Execution)

Technical Object Name	App ID:`F6040` App ID: `F8005` App ID: `F7985` App ID: `F4252` App ID: `F4713` App ID: `F5785`
Application Component	`CA-FL-SG` (*Shipping*) `CA-FL-RET`(*Returns*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.1.1.6 Enhanced Item Tracking and Custom UI profiles in Logistics Tracking Application

Business Details

This feature enables you to:

- Track whether an item was *Sent for Post Processing* after receipt at the base location.
- View the *Container ID*, *Package ID*, or *Voyage Number* (if any) at the *Dispatched from Base* or *Dispatched from Remote* milestones.
- Configure custom UI profiles in app settings, allowing you to view only the configured milestones.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	6VA(Field Logistics Analytics)
Technical Object Name	App ID: `F7382`
Application Component	`CA-FL-MT` (*Material Tracking*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025

17.2.1.1.7 Goods Receipt Reversal in Process Cross-Plant Receipts Application

Business Details

This feature enables you to reverse goods receipt for all the supply processes at base and remote locations.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	40G (Field Logistics Planning and Execution)
Technical Object Name	App ID: `F4713`
Application Component	`CA-FL-RET` (*Returns*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.1.1.8 Mass Update and Split Actions for IM and EWM Deliveries in Pack Containers Application

Business Details

The feature enables you to:

- Split Inventory Management (IM) deliveries by their quantities.
- Split Extended EWM deliveries by items/handling units (HUs).
- Update the Location ID on multiple delivery items or handling units simultaneously.
- Update the Location ID or perform the *Assign to Container* action on multiple packages simultaneously.
- Update the Location ID or perform *Seal* or *Unseal* action on multiple containers simultaneously.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	6BA(Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID: F5786
Application Component	CAL-FL-SG (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.1.1.9 Enhancements to Trigger Rules and Quick Return in Order and Return Processes

Business Details

This feature enables you to:

- Trigger rules directly by performing the following actions:
  - *Receive* and *Issue to Order* in the *Process Cross-Plant Receipts* application.
  - *Issue to Order* in the *Manage Kits* application.
  - *Return to Stock* in the *Initiate Returns by Order* application.
- Use *Quick Return* option available in the *Initiate Returns by Product* application for the *iER Proposed Due Date* column.
- Use the FLOG_RULES_RUN transaction to identify new return-eligible items or update previously recognized items based on the Intelligent Equipment Returns (IER) rules framework.

Technical Details

Type	New
Functional Localization	Not applicable

Scope Item	40G (Field Logistics Planning and Execution) 5OM (Field Logistics Planning and Execution-Direct Procurement) 4AH (Field Logistics Planning and Execution- Supplier Items)
Technical Object Name	App ID: `F4252` App ID: `F4713` App ID: `F8005` App ID:`F4682`
Application Component	`CA-FL-RET` (*Returns*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.1.1.10 Enhancements to Returns Overview Application: Forecasted Returns Card and Navigations

Business Details

This feature enables you to:

- View a new card *Forecasted Returns*,which displays the *Proposed Recommended Action* for return items identified by the Rules framework.
- Navigate to the Field Logistics (FL) - apps using the cards below:
  - *Initiate Returns by Product* application from the *Forecasted Returns* and *Returns Status* cards.
  - *Process Cross-Plant Receipts* application from the *Completed Returns* card.
  - *Manage Logistics* application from the *Delayed Rentals* card.

Technical Details

Type	New
Functional Localization	Not applicable

Scope Item	40G (Field Logistics Planning and Execution) 5OM (Field Logistics Planning and Execution-Direct Procurement) 4AH (Field Logistics Planning and Execution- Supplier Items)
Technical Object Name	App ID:`F8030`
Application Component	`CA-FL-RET` (*Returns*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.1.1.11 Objects Released for Developer Extensibility in Field Logistics

With the objects released in Field Logistics, you have a stable interface to access data from SAP S/4HANA when building custom applications or extensions with developer extensibility. You can integrate the released objects in your custom code or extend them at predefined extension points. Depending on your use case, different object types are provided (such as BAdIs, CDS views, business object interfaces). You find all the released objects in the ABAP Development Tools (ADT), when you're connected to SAP S/4HANA.

Additional Details

The following table summarizes the objects that are added, changed, or deprecated for developer extensibility in the current release.

Objects Added, Changed, or Deprecated for Developer Extensibility

Object Type	End-User Name	Technical Name	Type	Details
Business Object Interface	FieldLogistics Shipment Kit	`I_FLDLOGSMANAGEKITHEADERTP`	New	With this business object, you can create,read,update and delete Kits.
Business Object Interface	FieldLogisticsKit	`I_FIELDLOGISTICSKITHEADERTP`	New	With this business object, you can create, read, and update Kits.
Business Object Interface	Interface for Process receipts	`I_FLDLOGSPROCESSRECEIPTSITEMTP`	New	With this business object, you can read and process the Field Logistics Process Receipts Item.

Developer extensibility allows you to create development projects in SAP S/4HANA by using ABAP Development Tools for Eclipse. This gives you the opportunity to build extensions, services, and SAP Fiori apps using the complete set of ABAP Cloud features released for SAP S/4HANA, for example, with the ABAP RESTful Application Programming model, http services, and ABAP objects. For more information about the released objects and how to find them, see Released Development Objects.

Effects on System Administration

For more information about the authorizations required for working with the development objects released for developer extensibility, see Configure Authorizations.

17.2.1.1.12 BAdI: Manage Kit Header

Business Details

The Business Add-In (BAdI) `FLOG_SHIPMENT_KIT` enables you to provide the validation logic for custom or standard fields by key user for the **Kit Header** data. You can also populate the error message in the parameter that will be visible in the *Manage Kits* application.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID: `F8005`
Application Component	`CA-FL-SG` (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.1.1.13 BAdI: Manage Kit Item

Business Details

The Business Add-In (BAdI) `FLOG_SHIPMENT_KIT_ITEM` enables you to provide the validation logic for custom or standard fields by key user for the **Kit Item** data. You can also populate the error message in the parameter that will be visible in the *Manage Kits* application.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID: `F8005`
Application Component	`CA-FL-SG` (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.1.1.14 ODATA API:FieldLogisticsShipmentKit

Business Details

This API enables you to:

- Read and update Field Logistics Kit Items
- Update Location for *Staged* and *Dropped* Kits Items.
- Undo Kits Items from *Dropped* and *Staged* status.

Technical Details

Type	New
Functional Localization	Not applicable

Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID: `F8005`
Application Component	`CA-FL-SG` (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

https://api.sap.com/api/sap-s4-OP_FLDLOGSSHIPMENTKITS_0001/overview

17.2.1.1.15 Data Management in Field Logistics

Business Details

New archiving objects are added to Field Logistics.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages) 6VA (Field Logisitcs Analytics)
Technical Object Name	App ID: `F8005` App ID: `F7382` App ID: `F7985`
Application Component	`CA-FL-SG` (*Shipping*) `CA-Fl-MT` (*Material Tracking*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025

Additional Details

Name of Archiving Object	Object Type	Changes With This Release	Details	More Information
FL_SHPTKIT	Archiving Object	New archiving object added	Archiving Shipment Items Using FL_SHPTKIT - Field Logistics Shipment Kits	Archiving Shipment kits using FL_SHPTKIT - Field Logistics Shipment Kits
FL_PROCRET	Archiving Object	New archiving object added	Archiving Process Returned Items Using FL_PROCRET - Field Logistics Process Returned Items	Archiving Process Returned Item using FL_PROCRET
FL_MT_TRKG	Archving Object	New archiving object added	Archiving Logistics Tracking Items Using FL_MT_TRKG - Field Logistics: Logistics Tracking	Archiving Logistics Tracking Items using FL_MT_TRKG - Field Logistics: Logistics Tracking

17.2.1.2 Downstream

17.2.1.2.1 Replacement of Exchange Balance Report

Business Details

The Oil and Gas Industry Solution is adapting to the new MM-IM data model that was introduced in SAP S/4HANA 1610. Starting from the **SAP S/4HANA OP2025 FPS0** release, the new MM-IM data model (refer to SAP Note 2319579 below for active late lock) is now adapted for Oil and Gas Downstream, enabling parallel material document processing and improved performance.

- By adapting to the new MM-IM model, the transaction code MC10 used for exchange balance report, which retrieves information from the S036 database, is obsolete and the S036 table will not get any data updates.
- A new CDS view, `C_OIL_ExchangeBalance` is developed to fetch the required data dynamically.
- On the selection screen, you can make selections according to:
  - Material

- Plant
- Month
- Exchange partner
- Exchange number

Implementation Details

Authorizations

M_AUSW_MCC

Effects on Existing Data

If you are migrating from older releases to SAP S/4HANA OP2025, refer to OSS Note 3183063

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`C_OIL_ExchangeBalance`
Application Component	`IS-OIL-DS-EXG` (*Exchanges*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

SAP Note 2319579
SAP Note 3183063

17.2.1.2.2 Physical Inventory Optimization

Business Details

The Oil and Gas Industry Solution is adapting to the new MM-IM data model that was introduced in SAP S/4HANA 1610. Starting from the **SAP S/4HANA OP2025 FPS0** release, the new MM-IM data model (refer

to SAP Note 2319579 below for active late lock) is now adapted for Oil and Gas Downstream, enabling parallel material document processing and improved performance.

Performance Improvements for Physical Inventory Process

- With the adoption of the MM-IM data model, the physical inventory process has improved performance and the locking concept in the processing of large amounts of data.
- This feature allows an optimized performance of calculation, posting processes and ensures consistency in handling across all physical inventory steps for oil materials.

- The improvements to the optimization of the physical inventory process primarily affect the locking behavior of materials when posting the inventory difference is changed from exclusive locking on the plant level to fine granular (situation-based) locking.

Implementation Details

Customizing

You can activate the locking mode under *SAP Customizing Implementation Guide* > *Materials Management* > *General Settings for Materials Management* > *Set Material Lock for Goods Movements*

or you can use transaction code `OMJI`

Effects on Existing Data

If you are migrating from older releases to SAP S/4HANA OP 2025, refer to the below OSS Note -3183063

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`IS-OIL-DS-HPM` (*Hydrocarbon Product Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

SAP Note 2319579

17.2.1.2.3 Late Lock Adaption

Business Details

The Oil and Gas Industry Solution is adapting to the new MM-IM data model that was introduced in SAP S/4HANA 1610. Starting from the **SAP S/4HANA OP2025 FPS0** release, the new MM-IM data model (refer to SAP Note 2319579 below for active late lock) is now adapted for Oil and Gas Downstream, enabling parallel material document processing and improved performance.

The improvements to the optimization of the physical inventory process primarily affect the locking behavior of materials when posting the inventory difference is changed from exclusive locking on the plant level to fine granular (situation-based) locking.

Implementation Details

By adapting the data model (active Late lock and LIS 'OFF') in Oil and Gas Downstream, the quantity overflow is also monitored in additional units of measure with appropriate messages during the material document processing.

Customizing

You can activate the locking mode under *SAP Customizing Implementation Guide* > *Materials Management* > *General Settings for Materials Management* > *Set Material Lock for Goods Movements*

or you can use transaction code `OMJI`

Effects on Existing Data

If you are migrating from older releases to SAP S/4HANA OP 2025, refer to the below OSS Note -3183063

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	`OIH_SAPLMBGB (Extension of existing enhancement)`
Application Component	`IS-OIL-DS-HPM` (*Hydrocarbon Product Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

SAP Note 3183063
SAP Note 2319579

17.2.1.3 Production and Revenue Accounting (PRA))

17.2.1.3.1 Delivery Network Workplace Contractual Allocation

Business Details

This feature enables you to search delivery network workplace by delivery network, responsibility, or by pending actions. You use this workplace to take action and process items.

Contractual allocation logs have been enhanced to display non-sales additional disposition actual volume results and non-sales additional disposition entitled volume results.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`IS-OIL-PRA` (*Production Revenue Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025

17.2.1.3.2 Delivery Network Data in Gas Analysis

Business Details

With this feature, you can maintain transactional data like, setting up plant fuel volumes for delivery networks.

The plant fuel volumes are validated for the volume types against additional disposition in customizing configuration.

Implementation Details

Customizing

The plant fuel volume cannot be maintained if an Additional Disposition (AD) code is assigned to a volume type for customizing configuration in *SPRO* > *Industry Solution Oil & Gas (PRA)* > *Sales and Balancing* > *Define Additional Disposition Codes*

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`IS-OIL-PRA` (*Production Revenue Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.1.3.3 OData API: PRA Non Sales Additional Disposition Volume

Business Details

This feature enables you to record additional disposition volumes like field fuel, lease fuel, used by contractual allocation methods for allocation of actual and entitled quantities to the owners.

You can record volumes per production month, delivery network structure, measurement point, well and well completion. The volumes are recorded on contract level per delivery network, sales date, measurement point, well, well completion, related residue contract, PRA contract and gas used or lost disposition.

Implementation Details

Service Name: `API_PRANONSLSADDLDSPOSVOLUME`

Entity (Header): `PRANonSlsAddlDsposVolHdr`

Entity (Detail): `PRANonSlsAddlDsposVolDet`

Authorizations

Authorization Object: O_OIU_TXN

Authorization object

OIU_TCODE	ACTIVITY
'/PRA/FF_CTR_VOL'	01 – Create
'/PRA/FF_CTR_VOL'	02 – Change
'/PRA/FF_CTR_VOL'	06 – Delete
'/PRA/FF_CTR_VOL'	03 – Display

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`API_PRANONSLSADDLDSPOSVOLUME`

Application Component	`IS-OIL-PRA-REV-CA` (*Contractual Allocation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.1.3.4 OData API: PRA Price Quotation

Business Details

With this feature, you can read, create, update, and delete the price quotation in PRA.

Implementation Details

Authorizations

O_OIU_TXN

Transaction Code

OIU_TCODE	Activity
O3U_PP2	03 - Display

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`PRAPriceQuotation`
Application Component	`IS-OIL-PRA-REV-VAL` (*Valuation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.1.3.5 CDS Views in PRA

Business Details

The CDS views created for Production Revenue Accounting (PRA) cater to SQL data source capability.

The following CDS views have been released:

CDS View Name	Solution Capability	Application Component
Product Residue Allocation Method (I_PRAAllocMethProductResidueVH)	PRA product Residue Allocation	IS-OIL-PRA
Plant Fuel Allocation Details (I_PRAAllocRulePlantFuelDetail)	PRA Plant Fuel Allocation	
Plant Fuel Allocation Header (I_PRAALLOCRULEPLANTFUEL-HEADER)	PRA Plant Fuel Allocation	
Product Allocation Rules Combined Components (I_PRAALLOCRULEPRODCMBND-COMPVH)	PRA Product Allocation Rules	
Product Allocation Rules Detail (I_PRAALLOCRULEPRODUCTDETAIL)	PRA Product Allocation Rules	
Product Allocation Rules Header (I_PRAALLOCRULEPRODUC-THEADER)	PRA product Allocation Rules	
Chemical Analysis Point Header (I_PRACHEMICALANALYSISPOINT)	Chemical Analysis	
PRA Contract Category (I_PRACONTRACTCATEGORYVH)	PRA Contract Category	
Contract Type Group (I_PRACONTRACTTYPEGROUPVH)	PRA Contract Category	
Cross Reference for MPWC to Chemical Analysis Point (I_PRACRSREFMSMTPTWLCPLCH-MANLPT)	Chemical Analysis	

CDS View Name	Solution Capability	Application Component
Formula Close Parenthesis (I_PRAFORMULACLOSEPARENTHE-SISVH)	PRA Formula Rules Maintenance	
Formula Open Parenthesis (I_PRAFORMULAOPENPARENTHE-SISVH)	PRA Formula Rules Maintenance	
Function Performed in Formula Maintained Calculations (I_PRAFuncPerfrmdFmlaCalcVH)	PRA Formula Rules Maintenance	
Gas Analysis Details (I_PRAGASANALYSISDETAIL)	PRA Gas Analysis	
Gas Analysis Header (I_PRAGASANALYSISHEADER)	PRA Gas Analysis	
Hydrocarbon Component (I_PRAHYDROCARBONCOMPO-NENTVH)	PRA Hydrocarbon Component	
Measure Point Allocation Profile Detail (I_PRAMSMTPTALLOCPROFILEDE-TAIL)	PRA Point Allocation	
Measure Point Allocation Profile Header (I_PRAMSMTPTALLOCPROFILE-HEADER)	PRA Point Allocation	
Measurement Point Manual Entry Sales Volume (I_PRAMSMTPTMNLENTRSALESVO-LUME)	PRA Annual Entry Sales Volume	
Formula Details Allocation (I_PRAPRODNFMLADETAILALLOCA-TION)	PRA Formula Details Allocation	
Formula Rules Maintenance Detail (I_PRAPRODUCTIONFORMULADE-TAIL)	PRA Formula Rules	

CDS View Name	Solution Capability	Application Component
Formula Rules Maintenance Header (I_PRAPRODUCTIONFORMULA-HEADER)	PRA Formula Rules	
Shrink Factor Detail (I_PRASHRINKFACTORDETAIL)	PRA Shrink factor	
Shrink factor header (I_PRASHRINKFACTORHEADER)	PRA Shrink factor	
Theoretical Basis for Simple Plant (I_PRATHEORETICALBASISVH)	Theoretical Basis for Simple Plant	
Gap Analysis Theoretical Allocation Method (I_PRATHRTCLALLOCATIONME-THODVH)	Gap Analysis Allocation	
Volume Category (I_PRAVOLUMECATEGORYCODEVH)	Volume Category	
Volume Category Type Group (I_PRAVOLUMECATEGORYTYPE-GROUPVH)	Volume Category	
Volume Indicator Types (I_PRAVOLUMEINDICATORCODEVH)	Volume Indicator	
Well Completion Manual Entry Sales Volume (I_PRAWELLCOMPLTNMNLENTRSLS-VOL)	Well Completion Manual Entry Sales Volume	
Gas Used or Lost Disposition Table (I_PRAADDLDISPOSITIONCODEVH)	Gas Used or Lost Disposition	
Additional Disposition Volume Detail (I_PRANONSLSADDLDSPOSVOLDET)	Additional Disposition Volume	
Additional Disposition Volume Header (I_PRANONSLSADDLDSPOSVOLHDR)	Additional Disposition Volume	

CDS View Name	Solution Capability	Application Component
Additional Disposition Entitled Volume (I_PRAADDLDSPOSRSLTSENTLD)	Additional Disposition Volume	
Delivery Network Dated Legacy (I_PRAVALNDLVNTWKDATEDLEGACY)	Delivery Network Dated Legacy	
Additional Disposition Actual Volume (I_PRAADDLDSPOSRSLTSACTL)	Additional Disposition Volume	
Product Allocation Rules combined components (I_PRAALLOCRULEPRODCMBND-COMP)	Product Allocation Rules combined components	

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`See the table above`
Application Component	`IS-OIL-PRA` (*Production Revenue Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA If the changed or new feature is relevant for both products.
Valid as Of	2025

17.2.1.3.6 Manage Legacy Sale Dates in Delivery Network

Business Details

With this feature, you can display, create, delete and update entries that designate legacy sales dates at Delivery Network level.

This feature provides a list with capability to find and get overview of legacy PPN relevant Delivery Network by searching, filtering, sorting and grouping.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`App ID: F8828`
Application Component	`IS-OIL-PRA` (*Production Revenue Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.1.3.7 Regulatory Reporting

Business Details

With this feature, regulatory reporting can be generated by maintaining the necessary generic master data and report generation using the workplace for the states of North Dakota and Mississippi.

Implementation Details

Customizing

You can start using the standard Texas W-10, G10, Kansas CG7, North Dakota 5SWD, 11, and Mississippi 9-12-15-Z reporting generation by enabling the corresponding process ID. Additionally, you can generate custom regulator reporting by maintaining the necessary process 2.0 customization.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`Not applicable`

Application Component	`IS-OIL-PRA` (*Production Revenue Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.1.3.8 Tax and Royalty Reports

Business Details

Two new Tax & Royalty reports are delivered in OP2025 FPS00 release. The two new reports are as follows:

- **Mississippi Severance Tax Report**: This report is built on top of the Generic Tax 2.0 report, leveraging its capabilities, and shall allow the companies to generate and submit the Severance Tax report required for the Mississippi tax agency.
- **Montana Royalty Report**: This report is built on top of the Generic Roy 2.0 report, leveraging its capabilities, and it shall allow the companies to generate and submit the royalty report required for the Montana royalty agency.

Implementation Details

Authorizations

Existing Tax & Roy 2.0 authorizations can be utilized.

Customizing

Mississippi Tax Report customizing can be maintained under:

Industry Solution Oil & Gas (PRA) > *Workplace Processing* > *Process Specific Configuration* > *Tax & Royalty Reporting* > *Tax* > *Report Specific Configuration* > *Generic Tax*

Montana Royalty Report customizing can be maintained under:

Industry Solution Oil & Gas (PRA) > *Workplace Processing* > *Process Specific Configuration* > *Tax & Royalty Reporting* > *Royalty* > *Report Specific Configuration* > *Generic*

Technical Details

Type	New
Functional Localization	Localized for U.S.

Scope Item	5NM
Technical Object Name	`/PRA/GT_MS`(Mississippi Tax Report) `OIU_YMT`(Montana Roy Report)
Application Component	`IS-OIL-PRA-REP-TAX` (*Tax Reporting*) `IS-OIL-PRA-REP-ROY` (*Royalty Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.1.3.9 ONRR History Upload and Comparison

Business Details

This feature is enhanced with *Mass Upload* functionality to support *BRIO* history data load.

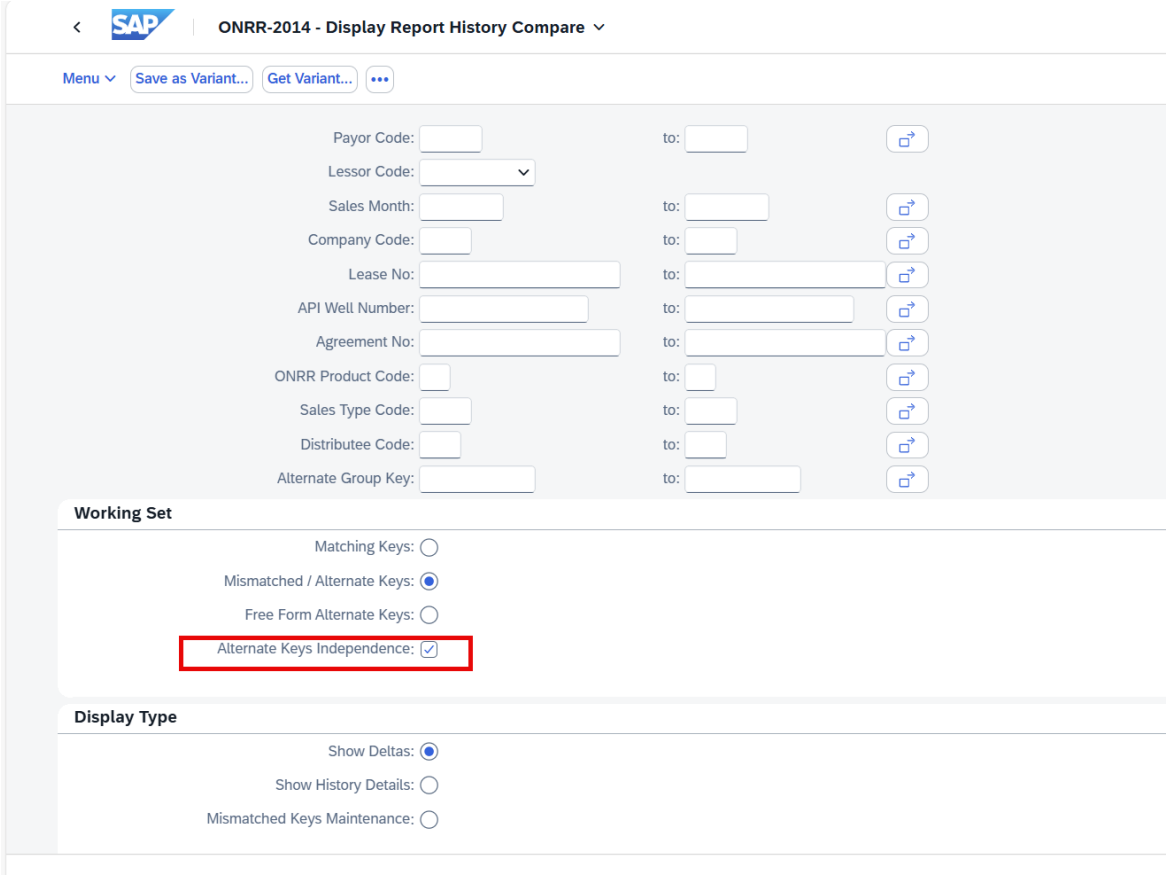
Mass Upload provides the following features:

- Download Template in .csv format
- Download Template in .xlxs format
- Upload data in .csv format
- Upload data in .xlsx format

Changes to the User Interface

> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

- In the report selection screen, under *Working Set* section a new field *Alternate Keys Independence* is provided.
- Use *Mismatched /Alternate Keys* and select *Alternate Keys Independence* to identifying the ONRR records, present in SAP's ONNR history but not available in the BRIO history and vice-a-verse for a given selection criterion.



Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`Not applicable`
Application Component	`IS-OIL-PRA` (*Production*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.1.3.10 Archiving Mississippi Tax 2.0 Using PRA/GTMS1

Business Details

With this feature, you can archive MS (Mississippi) tax, using archiving object `/PRA/GTMS1`.

You can use archiving object `/PRA/GTMS1` to archive MS (Mississippi) tax.

- **Tables**
  `/PRA/GTMS1` archives data from several tables. To check which tables these are, call up transaction SARA, enter the archiving object, and choose *Database Tables*. You can display the relevant tables in the lower part of the screen.
- **Archiving Classes**
  `/PRA/GTMS1` may trigger further archiving classes to write additional data, for example change documents, into the archive. To check which classes these are, call up transaction `AOBJ`, select your archiving object and choose *Archiving Classes Used*.
- **Programs**
- To find out which programs this archiving object offers, call up transaction `AOBJ` and double-click on your archiving object.

Implementation Details

Customizing

- Single document display: This transaction used to display archived documents /PRA/RP_WORKPLACE - Tax & Royalty Reporting Workplace
- To find out the names of the info structures and field catalogs, proceed as follows:
  - Field catalog name (`/PRA/GTMS1`):
    Within transaction SARA, choose *Information System* > *Customizing* > *Environment* > *Field Catalogs*
  - Info structure name (`/PRA/GTMS1_INF`):
    Within transaction SARA, choose *Information System* > *Customizing*, and choose the F4 help of the Archive Info structure field.

Technical Details

Type	Deprecated
Functional Localization	Localized for U.S.
Scope Item	5NM

Technical Object Name	`Not applicable`
Application Component	`IS-OIL-PRA` (*Production Revenue Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.1.3.11 Tax and Royalty 2.0 History Up-loaders

Business Details

With this feature, you can upload the legacy reported history data to the corresponding tax and royalty tables. You can use the legacy data to complete revised tax or royalty reporting.

You can use the Tax and Royalty 2.0 History Up-loaders, to upload data for the below reports:

- North Dakota Tax 2.0 report

> **Note**
>
> The North Dakota Tax History Up-loader could previously only upload oil tax data; it now also uploads gas tax data.

Implementation Details

Authorizations

Existing Tax and Royalty 2.0 authorizations can be utilized.

Effects on Existing Data

If you are uploading new historical data, there are no changes to the existing data. However, any existing data (in HST/HSTA tables) can be overwritten if you upload data for existing PRA entities. The data in the Report Details (RPDT tables) remains unchanged.

Technical Details

Type	Changed
Functional Localization	Localized for U.S.

Scope Item	5NM
Technical Object Name	Report Programs: `/PRA/TAX_R_ND_LEGACY_DATA_MU` Transaction Codes: `/PRA/TAX_ND_DATA_UP`
Application Component	`IS-OIL-PRA-REP-TAX` (*Tax Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.2 Utilities

17.2.2.1 Utilities

17.2.2.1.1 Deprecation of IDE Events

Business Details

Intercompany Data Exchange (IDE) events are deprecated as of SAP S/4HANA 2025 FPS0 and should therefore no longer be used.

For more information about what other options are available, see SAP Note 3511968.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`IS-U-IDE` (*Intercompany Data Exchange*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Valid as Of	2025

Related Information

SAP Note 3511968

17.2.2.1.2 Market Process Management Moved into S/4HANA Utilities

Business Details

The Market Process Management components enable utilities companies to efficiently model, execute, and monitor business processes, including communication with other systems. This solution is ideal for managing market processes in deregulated markets, internal business processes, and orchestrating communication, ensuring smooth regulatory compliance and effective data exchange.

As of SAP S/4HANA 2025 FPS0, the Market Process Management components are part of S/4HANA Utilities.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-GTF-APE` (*Application Process Engine*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Market Process Management

17.2.2.1.3 Measurement Concept Management Adapter Moved into S/4HANA Utilities

Business Details

The Measurement Concept Management adapter connects the measurement concept management component of SAP Utilities Core foundation with SAP S/4HANA Utilities. SAP Utilities Core foundation aims to streamline and standardize the handling of technical and business master data in SAP S/4HANA Utilities and connected third-party solutions for utilities.

As of SAP S/4HANA 2025 FPS0, the Measurement Concept Management adapter is part of S/4HANA Utilities.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`IS-U-LIB-UCM` (*Common Utilities Layer (UCOM)*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Measurement Concept Management Adapter

17.2.2.1.4 Prepayment for Utilities Moved into S/4HANA Utilities

Business Details

The Prepayment for Utilities component allows customers to prepay for energy consumption. It offers features such as account balance monitoring and event-triggered notifications for low balances. This tool can help manage energy costs proactively and can ensure uninterrupted service by alerting users before disconnection.

As of SAP S/4HANA 2025 FPS0, the Prepayment for Utilities component is part of S/4HANA Utilities.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`IS-U-BI-PRP` (*Prepayment for Utilities*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Prepayment

17.2.2.1.5 New Time-Dependent Attributes for the Point of Delivery

Business Details

In certain markets, for example in Germany, a point of delivery (referred to as the market location in Germany) can be changed to a "dormant" status. Besides this new status, additional attributes must be also added as time-dependent to the point of delivery.

In transactions EEDM11 (Display PoD) and EEDM10 (Change PoD), this information is available for display and manual maintenance under a separate tab page **Additional Attributes**.

The information maintained has no direct impact on grid usage billing, energy settlement, or other IS-U business processes.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`IS-U-IDE` (*Intercompany Data Exchange*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	SAP S/4HANA 2023 SP04 and SAP S/4HANA Cloud Private Edition 2023 SP04 SAP S/4HANA 2022 SAP S/4HANA 2021

Related Information

Dormant Points of Delivery

SAP Note 3569966

17.2.2.1.6 Custom Fields and Logic for the BPEM Clarification Case

Business Details

As a business expert or implementation consultant, you can use the **Custom Fields** app to create your own fields for the BPEM clarification case. Using the **Custom Logic** app, you can create your own implementations to customize the following apps, transactions, and their user interfaces:

- Create clarification case (EMMAC1)
- Change clarification case (EMMAC2)
- Display clarification case (EMMAC3)
- Display Clarification List (EMMACL)
- Case List with Shortcut Keys (EMMACLS)
- Run Automatic Processes for Cases (EMMACAP)
- BPEM Clarification Case Overview (F7255)
- Manage BPEM Clarification Cases (F7256)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`FI-CA-BF` (*Basic Functions*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

SAP Road Map

Custom Fields App and Custom Logic App

Custom Fields and Logic for BPEM Clarification Case

BPEM Clarification Case Overview (F7255)

Manage BPEM Clarification Cases (F7256)

17.2.2.1.7 Custom Fields and Logic for Point of Delivery Data

Business Details

As a business expert or implementation consultant, you can use the **Custom Fields** app to create your own fields for the utilities point of delivery master data. Using the **Custom Logic** app, you can create your own implementations to customize the following transactions and their user interfaces:

- Create Point of Delivery (EEDM09)
- Change Point of Delivery (EEDM10)
- Display Point of Delivery (EEDM11)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`IS-U-MD` (*Master Data*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

SAP Road Map

Custom Fields App and Custom Logic App

17.2.2.1.8 Display of Budget Billing Plan in the Business Partner Financial Overview App

Business Details

The SAP Fiori app *Business Partner Financial Overview* now includes the facet "Budget Billing Plan", which can be used to display documents from different budget billing procedures such as Statistical Procedure, Partial Bill Procedure, Payment Plan Procedure, and Payment Scheme. To use this facet, the industry solution *SAP for Utilities* must be active (Switch ISU_UTIL_1 active).

The new facet was developed as a BAdI implementation, and must be activated before you can use it.

Technical Details

Type	New
Functional Localization	Not applicable

Scope Item	Not applicable
Technical Object Name	App ID: `F2429`
Application Component	`IS-U-IN` (*Invoicing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Business Partner Financial Overview

Enhancements in Fiori App Business Partner Financial Overview

17.2.2.1.9 Business Events for Utilities

Business Details

Business events are used to notify consumer applications that a business object has changed.

As of SAP S/4HANA 2025 FPS0, business events are available for the following business objects in S/4HANA Utilities:

- Utilities Premise
- Utilities Connection Object
- Utilities Device Location
- Utilities Installation
- Utilities Device
- Utilities Point of Delivery

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable

Application Component	`IS-U` (*Utilities*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Business Events for Utilities

Business Events on SAP Business Accelerator Hub

17.2.2.1.10 Conversational Search for S/4HANA Utilities

Business Details

With Joule, our new generative AI copilot, you now have conversational access to the product documentation on SAP Help Portal. Just enter your query or question in plain natural language. Joule first checks whether your question activates a built-in business functionality to start a transaction or a navigation. If there's none, Joule searches SAP Help Portal to find an answer for you. Joule uses a large language model to summarize the search results in the background. This summarization is then displayed to you as Joule's answer to your question, along with the top three search results. If you select the title link of a result, you'll be taken directly to the relevant topic on SAP Help Portal.

Note: Joule is an addition to in-app help content, guided tours, embedded learning content, and customer-specific enablement content in SAP Companion.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`IS-U` (*Utilities*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Related Information

SAP Road Map

17.2.2.2 Customer Engagement

17.2.2.2.1 Sales Order Processing via Serial Number Identification

The feature enables sales order processing using a device's serial number and the sold-to-party's address for identification, eliminating the need for installation ID. This simplifies the sales process, making it more efficient and user-friendly by reducing the steps required for product identification.

Implementation Details

The product must be ready to be sold and have the capability to configure a device serial number. This means the product must use a characteristic that was mapped to the serial number.

> **Note**
>
> The delivered BAdI is only an example implementation. Customers have to copy the example into a productive implementation.

Customizing

To support this new development, the following Customizing activities need to be carried out:

Navigate to *SAP Utilities* > *Customer Engagement* > *Sales Contract Management* > *Settings for Sales and Distribution Integration* >. Ensure that the product uses characteristics mapped to the serial number for the sales category/group.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI Implementation: `CRMS4_IU_CM_PFP_SD_EX_DET_ILN`
Application Component	`CRM-S4-IU` (*S4CRM: Utilities Industry*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.2.2.2 Enhanced Analytics for Utilities Sales Contracts

Business Details

CDS views enable comprehensive analytics and reporting on Utilities Sales Contracts within S/4HANA, covering aspects like products sold, contract properties, and related orders. This feature is essential for businesses seeking to optimize contract management and gain insights into sales performance and customer interactions.

Implementation Details

Effects on Existing Data

The extraction process involves working with master data related to Utilities Sales Contracts. The process ensures that only newly created entries are extracted, which implies changes in how master data is handled and updated.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	ODP:
	`I_UTILITIESSALESCONTRACT$E`
	`I_UTILITIESSALESCONTRACTITEM$E`
	`I_UTILSSALESCONTRACTPERIOD$E`

Application Component	`CRM-S4-IU` (*S4CRM: Utilities Industry*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.2.2.3 Additional Search Functions in Premise Overview

Business Details

Enhanced search functions in the Premise Overview allow users to find connection objects by device or external point of delivery ID directly, without needing to access customer service identification. This feature is particularly useful for users who require immediate access to information for informational purposes, even with limited device details like serial numbers.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CRM-S4-IU` (*S4CRM: Utilities Industry*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Premise Overview

17.2.2.2.4 Automatic Retry for Locked Object Calls in Process Framework

Business Details

Automatic retry functionality ensures seamless continuation of Utilities sales contract processes by re-attempting calls to locked objects after a configurable delay. This feature is particularly useful for Sales Integration, minimizing disruptions due to temporary issues and enhancing process efficiency.

The change involves the support for bgRFC (Background Remote Function Call) within the Process Framework of SAP S/4HANA Utilities for customer engagement. This enhancement allows for more robust handling of various error scenarios during process execution, including regular errors, lock errors, and temporary errors. This function ensures that for multiple scenarios processes can handle these errors effectively, either by retrying or aborting the process based on the type and frequency of errors encountered. The integration of bgRFC support means that error handling is more sophisticated and automated. Customers can expect their processes to be more resilient to interruptions caused by errors. Processes that previously might have failed or required manual intervention can now automatically retry or handle errors more gracefully, reducing downtime and improving overall process reliability.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CRM-S4-IU` (*S4CRM: Utilities Industry*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Process Framework
Using the bgRFC Monitor
Sales Integration Interface

17.2.2.2.5 Setup Date Fields of Utilities Contract

Business Details

Customizing settings for automatic setup of date fields in Utilities contracts allows users to efficiently manage contract durations, renewal dates, and other scheduling data. This feature is essential for ensuring accurate and streamlined contract management processes with Utilities sales contracts.

Implementation Details

Customizing

SAP Customizing Implementation Guide > *SAP Utilities* > *Customer Engagement* > *Sales Contract Management* > *Period Control*

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CRM-S4-IU` (*S4CRM: Utilities Industry*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Period Control

17.2.2.2.6 Enhanced Appointment Management for Utilities Sales Contracts

Business Details

This feature allows for flexible appointment management for utilities sales contracts . This enhancement is beneficial for handling business-relevant decisions such as price guarantees and contract terms, providing a more tailored and efficient approach to managing customer engagements.

The feature introduces enhanced appointment management capabilities within the utilities sales contract Process Framework. This includes the ability to create flexible appointments using new semantic types and customizing options. The system now supports three new semantic types: *Duration*, *Date From* and *Date To*, allowing for more precise control over appointment scheduling.

Existing processes will benefit from increased flexibility in managing contract-related appointments. Customers can now define and maintain period control data more effectively, ensuring that appointments align with business needs such as price guarantees or minimum contract terms. Appointments are adjusted based on changes in date, product, configuration, or item category/type.

The change allows for better customization of appointment types and durations, enhancing the overall contract management process.

Implementation Details

Customizing

SAP Customizing Implementation Guide > *SAP Utilities* > *Customer Engagement* > *Sales Contract Management* > *Period Control*

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CRM-S4-IU` (*S4CRM: Utilities Industry*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Period Control
Cookbook Period Control Configuration

17.2.2.2.7 One-Time Charge Integration in Condition Records for Sales Integration Interface

Business Details

The integration of one-time charges with condition records in SAP S/4HANA Utilities allows for streamlined sales order processing for utility services. This feature enhances customer engagement by enabling to apply specific fees and discounts directly within sales orders, making it a valuable tool for managing utility service transactions efficiently.

The system now supports the use of condition records for one-time charges when selling products. This allows for more flexible pricing and billing options tailored to specific customer need. Customers can now experience a more straightforward billing process with one-time charges being automatically calculated and applied within the sales order. While the focus is on one-time charges, the feature may also influence how recurring charges are managed, offering a more holistic view of customer billing.

Implementation Details

- Customers must ensure that condition types relevant for utilities pricing/discounts are properly configured and added to the UPIL customizing at the operand level.
- One-Time-Charges are mapped to operands of operand category `AMOUNT`.

Customizing

SAP Customizing Implementation Guide > *SAP Utilities* > *Contract Billing* > *Product Integration* > *Define Mapping of Commodity Product Attributes to Billing Master Data*

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Not applicable
Application Component	`CRM-S4-IU` (*S4CRM: Utilities Industry*) `IS-U-BI-PI` (*Utilities Product Integration Layer (UPIL)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Utilities Product Integration Layer
Creating Characteristics for One-Time Charges and One-Time Discounts
Condition Types

17.2.2.3 SAP Waste & Recycling

17.2.2.3.1 OData API: Multi-Weighing

Business Details

With this feature, you can read Multi-Weighing transaction data.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`IS-U-WA` (*Waste Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

API for Multi-Weighing

17.2.2.3.2 OData API: Order Weighing

Business Details

With this feature, you can read Order Weighing transaction data.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`IS-U-WA` (*Waste Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

API for Order Weighing

17.2.2.3.3 CDS Views for Sales Contract

Business Details

This feature enables you cater to the analytical and data extraction capabilities. CDS views are provided to fetch all fields related to waste specific sales contract such as sales contract number, category, division type and so on.

The following CDS views are released.

CDS Views Released for Sales Contract

CDS View Name	Application Component	Solution Capability
Sales Contract Basic (I_EWA_SALESCONTRACT)	IS-U-WA	Sales Contract
Sales Contract Query (C_EWA_SalesContractQuery)		Query view for Sales Contract
Sales Contract Cube (I_EWA_SalesContractCube)		Cube view for Sales Contract
Sales Contract DEX (C_EWA_CtnLocSalesContrDEX)		Data Extraction for Sales Contract

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`See the table above`
Application Component	`IS-U-WA` (*Waste Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Related Information

CDS Views for Sales Contract

17.2.2.3.4 Tare Weight Calculation

Business Details

With this feature, the multi-weighing transaction is enhanced to auto-populate the tare weight with the weight maintained at the vehicle or the equipment.

- This eliminates the need for a second weighing to complete and post the weighing transaction.
- Manual overwriting would still be possible if necessary.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`IS-U-WA` (*Waste Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.2.3.5 Weighing Overview

Business Details

This feature enables you to display the weighing transactions created from internal and external source.

You can use this app to do the following:

- Display details of a weighing transaction.
- Display the related weighing transaction of a weighing transaction.
- Additional filters can be added from *Adapt Filter* option.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`

Application Component	`Waste and Recycling` (*IS-U-WA*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.2.2.3.6 Output Management for Waste and Recycling

Business Details

This feature enables you to print or email in Multi-Weighing (EWAWA_MULTI) transaction, with SAP S/4HANA Output Management.

Implementation Details

Customizing

- You have made settings for SAP S/4HANA output control in customizing, go to the transaction SPRO and follow the path *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Output Control*.
- Activate the new output management for weighing under *SAP Customizing Implementation Guide* > *SAP Utilities* > *Waste Management* > *Waste Disposal Facilities* > *Weighing Connection* > *Special Settings for Multiple Item Weighing* > *Activate Output Management for Multi-Item Weighing*
- Trigger the output request automatically under the customizing path *SAP Customizing Implementation Guide* > *SAP Utilities* > *Waste Management* > *Waste Disposal Facilities* > *Weighing Connection* > *Special Settings for Multiple Item Weighing* > *Auto Send Output Request upon Weighing Completion*
- You need to configure the below configuration objects for the application type (EWA_WEIGHPROC) under the customizing path as follows:
  - Configure Print/Email Channel under the path *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Output Control* > *Assign Output Channel*
  - Configure the Form name under path *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Output Control* > *Assign Form Templates*
  - Configure the Email template in *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Output Control* > *Assign Email Template*
  - To Define Rules for Determination of Master Form template, under the path *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Output Control* > *Assign Email Template* > *Define Rules for Determination of Master Form Template*
- For more details on SAP S/4HANA output control - Setting up output parameter determination, refer below note 3615347.

> **Note**
>
> The Note 3615347 shall be available from October 2025 onwards.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`IS-U-WA` (*Waste and Recycling*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

SAP S/4HANA Output Control
SAP Note 2228611
SAP Note 3615347

17.3 Financial Services

17.3.1 Banking

17.3.1.1 Loans Management (FS-CML)

17.3.1.1.1 CDS Views for SAP Loans Management for Banking

New Core Data Services (CDS) views for SAP Loans Management for Banking have now been released.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`FS-CML` (Loans Management)
Available As Of	SAP S/4HANA 2025

Additional Details

The following CDS views are now available:

View	Technical Name
Loan Origin Type	I_LoanOriginType
ESG Economic Activity	I_LoanEconomicActivityType
Profile Definition for Interest on Arrears Calculation	I_LoanIntrstOnArrsCalcProfile
Define Loan Classification (Credit Agreements for Consumers)	I_LoanCrdtAgrmtClassification
Residential Object Financing Type	I_LoanResidentialFinancingType
Loan Processing Characteristic	I_LoanProcgCharacteristics
Loan Special Interest Type	I_LoanSpecialInterestType
Loan Processing Characteristics Value	I_LoanProcgCharcsValue
Loan Contract Acceptance Type	I_LoanOfferAcceptanceType
Loan Activity Type	I_LoanActivityType
Loan Repayment Frequency	I_LoanRepaymentFrequency
Loan Business Partner Object Code	I_LoanBPObjectCode
Loan Discount Withholding Type	I_LoanDiscountWithholdingType
Loan BP Dunning Letter Type	I_LoanBPDunLetterType
Loan Effective Interest Method	I_LoanEffectiveInterestMethod
Loan Interest Calculation Method	I_LoanIntrstCalculationMethod

View	Technical Name
Loan Position Grouping	I_LoanPositionGrouping
Loan Contract Acceptance Reservation Type	I_LoanContrAccptcResvnType
Loan Repayment Type	I_LoanRepaymentType
Loan Cardinality Category	I_LoanCardinalityCategory
Loan Discount Distribution Method	I_LoanDiscDistributionMethod
Loan Borrowers Note Posting Type	I_LoanBorrowersNotePostingType
Loan Pos Grouping Open Loan Commitment	I_LoanPosGrpgOpnLoanCommitment
Loan Contract Release Type	I_LoanContractReleaseType
Loan Processing Characteristics Status	I_LoanProcgCharcsStatus
Loan Contract IBAN Determination Type	I_LoanContrIBANDetnType
Loan Fin Mathematics Connection Type	I_LoanFinMathConnectionType
Loan Home Statement Type	I_LoanHomeStatementType
Loan Condition Prepayment Rounding Type	I_LoanCndnPpaytRoundingType
Loan Condition Item	I_LoanConditionItem
Loan Condition Item Formula	I_LoanConditionItemFormula
Loan Activity Agent Relationship	I_LoanActivityAgentRelshp

You can look at all released CDS views and their fields in detail by using the View Browser app.

Related Information

View Browser
CDS Views for Loans Management (FS-CML)

17.3.1.1.2 Posting Payoffs in Condition Headers with Rollover Contract

Business Details

With this feature, you can enter payoffs in the condition header even if there are condition headers in the future for rollover contracts. The commitment capital in the subsequent condition header(s) is then automatically

adjusted. In case of a full payoff, the commitment capital of the subsequent condition header(s) is adjusted to zero.

Implementation Details

For this feature to work, make sure that no entry is made in the field *Repayment Change*. If there is an entry in *Repayment Change*, it is not possible to enter payoffs in condition headers that have future condition headers.

Customizing

To be able to use this feature, enable the flag *Payoff Prev. Header* (`TB_PAYOFF_PREVIOUS_HEADER`) in Customizing under *Loan* > *Transaction Management* > *Product Types* > *Company Code-Dependent Settings for Product Type*.

Technical Details

Type	New
Functional Localization	Not Applicable
Scope Item	Not Applicable
Technical Object Name	View cluster: `VC_PARTB`
Application Component	`FS-CML` (*Loans Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Enhanced Functions for Rollover Contracts

17.3.1.2 Collateral Management (FS-CMS)

17.3.1.2.1 CDS Views for SAP Collateral Management

New Core Data Services (CDS) views for SAP Collateral Management for Banking have now been released.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`FS-CMS` (Collateral Management)
Availability As Of	SAP S/4HANA 2025

Additional Details

The following CDS views are now available:

View	Technical Name
Collateral Real Estate Energy Performance Certificate Legal Type	I_ColltrlREEngyPerfCertLglType
Collateral Real Estate Energy Performance Certificate Category	I_ColltrlREEngyPerfCertCat
Collateral Real Estate Energy Performance Certificate Data Provider	I_ColREEngyPerfCertDtaPrvdr
Collateral Real Estate Energy Performance Certificate Issue Reason	I_ColltrlREEngyPerfCertIssRsn
Collateral Real Estate Energy Requirement Calculation Method	I_ColltrlREEngyRqmtCalcMethod
Collateral Real Estate Energy Performance Certificate Building Type	I_ColREEngyPerfCertBldngType
Collateral Real Estate Heating Energy Source Type	I_ColltrlREHeatingEngySrceType
Collateral Real Estate Renewable Energy Source Type	I_ColltrlRERnwblEngySourceType
Collateral Real Estate Renewable Energy Usage Type	I_ColltrlRERnwblEngyUsageType
Collateral Real Estate Ventilation Type	I_ColltrlREVentilationType
Collateral Real Estate Cooling Type	I_ColltrlRECoolingType
Collateral Real Estate Energy Efficiency Recommendation	I_ColREEngyEfficiencyRecmdn
Collateral Asset Category	I_CollateralAssetCategory
Collateral Asset Liquidation Type	I_ColltrlAssetLiquidationType
Collateral Asset Type	I_CollateralAssetType
Collateral Asset Valuation Frequency	I_ColltrlAstValuationFrequency

View	Technical Name
Collateral Asset Verification Frequency	I_ColltrlAstVerificatFrequency
Collateral Reference System	I_CollateralReferenceSystem
Collateral Financed Object	I_CollateralFinancedObject
Collateral Real Estate Part Document	I_ColltrlREPartDocument
Collateral Real Estate Energy Performance Certificate	I_ColltrlREEngyPerfCert
Collateral Asset Document	I_CollateralAssetDocument
Collateral Asset Partner	I_CollateralAssetPartner
Collateral Asset Data	I_CollateralAssetData
Collateral Object Insurance	I_CollateralObjectInsurance
Collateral Charge	I_CollateralCharge
Collateral Insurance Link Data	I_CollateralInsuranceLinkData

You can look at all released CDS views and their fields in detail by using the View Browser app.

Related Information

View Browser
CDS Views for Collateral Management (FS-CMS)

17.3.2 Insurance

17.3.2.1 Policy Management

17.3.2.1.1 BAdI: Change of Cash Flow Documents Before Release

Business Details

With this feature, you can change cash flow documents during the release of the documents (application release):

- You can change the cash flow documents you created earlier.

- You can delete the cash flow documents you created earlier.
- You can create new cash flow documents.

The changed cash flow documents will be saved to the database.

> **Note**
>
> This feature is available as of:
>
> - 1809 SPS14
> - 1909 SPS12
> - 2020 SPS10
> - 2021 SPS08
> - 2022 SPS06
> - 2023 SPS04
> - 2025

Implementation Details

Customizing

To use this feature, you must create a BadI implementation for *BAdI: Change of Cash Flow Documents Before Release*. You can find the *BAdI: Change of Cash Flow Documents Before Release* in Customizing for Policy Management under *Accounting Component* > *Business Add-Ins (BAdIs)*.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	BAdI: `/PM0/ABN_ADJUST4RELEASE` Customizing activity: `/PM0/ABN_ADJUST4REL`
Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	1809 SP14

17.3.2.1.2 BAdI: Additional Checks for Alternative Contract Start (STARTPOLPR)

Business Details

With this feature, you can create your own checks in the time model function *Alternative Contract Start Date* (`STARTPOLPR`). The BAdI is called during the execution of the time model function during the events `PREPROC_INDIVIDUALLY` and `POSTPROC_INDIVIDUALLY`.

> **Note**
>
> This feature is available as of:
>
> - 1809 SPS14
> - 1909 SPS12
> - 2020 SPS10
> - 2021 SPS08
> - 2022 SPS06
> - 2023 SPS04
> - 2025

Implementation Details

Customizing

To use this feature, you must create a Badl implementation for *BAdI: Additional Checks for Alternative Contract Start (STARTPOLPR)*. You can find the *BAdI: Additional Checks for Alternative Contract Start (STARTPOLPR)* in Customizing for Policy Management under *In-Force Business Management* > *Basis* > *Update* > *Business Add-Ins (BAdIs)*.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	BAdI: `/PM0/ABP_STPOLP_ADD_CHECK_BADI` Customizing activity: `/PM0/ABP_STPOLP_ADD`

Application Component	FS-PM (*Policy Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	1809 SPS14

Related Information

Alternative Contract Start (STARTPOLPR)

17.3.2.1.3 BAdI: Remote Call for Claim Update

Business Details

With this feature, you can send an update to a claim case when a retroactive change occurs before an open claim case.

> ⓘ Note
>
> This feature is available as of:
>
> - 1909 SPS12
> - 2020 SPS10
> - 2021 SPS08
> - 2022 SPS06
> - 2023 SPS04
> - 2025

Implementation Details

Customizing

To use this feature, you must create a BadI implementation for *BAdI: Remote Call for Claim Update*. You can find the *BAdI: Remote Call for Claim Update* in Customizing for Policy Management under *Integration* > *Claims Management FS-CM* > *Business Add-Ins (BAdIs)* > *Remote Calls to Benefit System*.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	BAdI: `/PM0/ABT_CM_UPDATE_REMOTE_BADI` Customizing activity: `/PM0/ABT_CM_UPDATE_R`
Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	1909 SPS12

Related Information

Integration with Claims Management FS-CM
Basic Settings to Integrate Claims Management

17.3.2.1.4 BAdI: Enhance Signature of IM Methods (FS-PRO)

Business Details

With this feature, you can transfer entities that are not part of the standard interface of the respective insurance mathematics (IM) methods to the product engine FS-PRO, and write them to the business object.

> **Note**
>
> This feature is available as of:
>
> - 2020 SPS10
> - 2021 SPS08
> - 2022 SPS06
> - 2023 SPS04
> - 2025

Implementation Details

Customizing

To use this feature, you must create a BadI implementation for *BAdI: Enhance Signature of IM Methods (FS-PRO)*. You can find the *BAdI: Enhance Signature of IM Methods (FS-PRO)* in Customizing for Policy Management under *Integration* > *Product Engine* > *Business Add-Ins (BAdIs)*.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	BAdI: `/PM0/ABH_ENH_IM_CALL_PRO_BADI` Customizing activity: `/PM0/ABH_ENHANCE_PRO`
Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2020 SPS10

17.3.2.1.5 Remote-Enabled Function Module for Master Policies

Business Details

This feature enables you to call the following function for master policies by Remote Function Call (RFC):

- Shift Start Date of Master Policy

For more information about the remote-enabled function module (RFM), call transaction SE37 and read the long text of the function module documentation.

> **Note**
>
> This RFM is available as of:
>
> - 2021 SPS08
> - 2022 SPS06
> - 2023 SPS04
> - 2025

Implementation Details

Customizing

A BAdI for the remote-enabled function module is available for customer-specific enhancements. For more information about the BAdI, see Customizing for Policy Management under *Master Policy* > *Business Add-Ins (BAdIs)* > *BAdI: Shift Generic Entities for a Master Policy*.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable

Technical Object Name	RFM:
	`/PMG/ABT_SHIFT_MPOL`
	BAdI:
	`/PMG/GE_MPE_SHIFT_GEN_BADI`
	Customizing Activity
	`/PMG/GE_MPE_SHIFT_GE`

Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2021 SPS08

17.3.2.1.6 Custom Field Addition Accelerator

Business Details

With this feature, you can ensure that no technical steps are missed during the custom field addition process. The *Field Addition Accelerator* tool performs each technical step with minimal user involvement and provides a list of post-processing steps that involve configuration-related steps in Policy Management (FS-PM).

For more information, see the report documentation.

Implementation Details

Effects on Existing Data

The area menu `/PM0/CUST_INT` (*Developer Customizing*) has been enhanced by the following new entries: *Accelerator* > *Custom Field Addition* (Transaction `/PM0/3ET_ENT_EXT`).

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Report `/PM0/3ET_ENTITY_EXTENSION` Transaction `/PM0/3ET_ENT_EXT`
Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.3.2.1.7 Broker Change

Business Details

With this feature, you can assign a policy to one responsible broker. This includes that when the *New Business* business process is executed, the policy should be assigned to one broker. The new optional commission agent role `00BO` (*Responsible Broker*) is available for this.

You can call the *Find open or postdated application by commission contract* function by Remote Function Call (RFC). With this new remote-enabled function module, you can also find planned new policies based on the broker.

The *Change* business process facilitates the following:

- If a new contract is added to the policy, the broker information on premium payer level is derived for the newly added contract.
- If a new premium payer is added to the policy, the broker information on premium payer level is derived.
- If the collection type is changed, the new broker assignment is added in Collections/Disbursements and the broker assignment period starts at the effective date of the policy. Depending on the collection type, the checkbox *Broker Executes Collections/Disbursement* is set.

- Depending on the Customizing settings it is not possible to change the commission participant. Changes should be triggered externally.

For more information about the remote-enabled function module (RFM), call transaction SE37 and read the long text of the function module documentation.

Implementation Details

Authorizations

Customizing

To use the new commission agent role `00BO` (*Responsible Broker*), you have to maintain the role in the Customizing activities *Process Commission Agent Roles* and *Define Commission Agent Role for Responsible Broker*. You can find the Customizing activities in Customizing for Policy Management under *Integration* > *Portfolio Assignment ICM-PFO*.

Please notice, that additional settings for the role are required in Customizing for Incentive and Sales Force Management under *Portfolio Assignment* > *Assignments* > *Determine Assignments Between Business Objects and Segments* > *Define Assignment Role for Business Objects* and *Maintain Assignment Combinations*.

To prevent changes to the commission participant in a business process (for example in the business transaction *Change Commission Participant*), you can select a checkbox in the Customizing activity *Prevent Change of Commission Participant*. You can find this Customizing activity in Customizing for Policy Management under *Integration* > *Portfolio Assignment ICM-PFO*.

The *BAdI: Prevent Change of Commission Participant* generates an error message if you try to change a commission participant while this has been suppressed in Customizing. You can find this BAdI in Customizing for Policy Management under *Integration* > *Portfolio Assignment ICM-PFO* > *Business Add-Ins (BAdIs)*.

The existing *BAdI: Encapsulate Read Accesses to the Insurance Object* (`/PM0/ABT_RFC_CD_GET_IO_BADI`) has been enhanced with the method `GET_COM_PARTICIPANT_BROKER_IO` (*Get the Broker Insured Object for the Commission Participant*) and has been put in the Customizing structure for Policy Management under *Integration* > *Collections/Disbursements FS-CD* > *Business Add-Ins (BAdIs)*.

In the Customizing activity *Define Collection Type*, the new collection type `4` (*Company Collection*) is available. The behavior of *Company Collection* is similar to *Broker Collection*. The only difference is that the field *Collection/Disbursement* in the broker assignment in Collections/Disbursements will not be set. You can find this Customizing activity in Customizing for Policy Management under *Integration* > *Collections/Disbursements FS-CD* > *General Settings*.

To apply an account determinination dependent on the collection type, the Customizing activity*Assign New Posting Code to Collection Type* is available. You can find this Customizing activity in Customizing for Policy Management under *Integration* > *Collections/Disbursements FS-CD* > *General Settings*. If you define a new posting code for the collection type in this Customizing activity and then maintain the posting type in the existing Customizing acitvity *Define Account Determination*, you can apply an account determinination dependent on the collection type.

Effects on Existing Data

If you have an own implementation for the *BAdI: Change to Accounting Documents* (`/PM0/ABN_DOC_BADI`), in which you have changed the posting code dependent on the collection type, you can replace the BAdI implementation with the new Customizing activity *Assign New Posting Code to Collection Type*.

The user interface for the premium payer has been reworked for the new collection type *Company Collection*. For the collection type *Company Collection*, the incoming payment method and other fields are now editable input fields. In addition, the incoming payment method and other fields are no longer deleted if the collection type is changed. The check methods have also been adapted for this.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable

Technical Object Name	Customizing activity:
	`/PM0/ABU_PBRODET`
	`/PM0/ABU_PDOCROL`
	`/PM0/ABU_PBROROL`
	`/PM0/ABT_RFC_CD_IO`
	`/PM0/ABU_PCOLLPC`
	BAdI Definition
	`/PM0/ABT_RFC_CD_GET_IO_BADI`
	Remote-Enabled Function Module
	`/PM0/ABT_SVC_APPL_FIND_BY_CP`

Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.3.2.1.8 Database Table to Store Non Cash Flow Documents

Business Details

With this feature, you can store non cash flow documents in a new database table. The new table *Non Cash Flow Document with Item Data* (`/PM0/ABDNNCALL`) enables you to store header and item data in one table.

The usage of the new table has several advantages:

- The raw string is eliminated
- Items can be determined through SQL statements
- Data compression is possible
- SAP HANA native storage extension is supported
- Performance is optimized, only one table access is necessary
- Scale out scenarios are possible (partitioning is possible for items, depending on the policy number)
- Customer includes can be kept if they are used with suffixes

Implementation Details

Customizing

To use the new table, you have to maintain the settings for the data access strategy and data conversion in the Customizing activity *Define Data Access Strategy for Non Cash Flow Documents*. You can find the Customizing activity in Customizing for Policy Management under*Accounting Component*.

Effects on Existing Data

If you have activated the conversion of the database tables, during runtime the system also reads the non cash flow documents from the old non cash flow table `/PM0/ABDNNOCASH` and writes them in the new non cash flow table `/PM0/ABDNNCALL`. Afterwards, the entries in the old table are deleted.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable

Technical Object Name	Database table
	`/PM0/ABDNNCALL`
	Customizing activity and view
	`/PM0/ABU_PNCDAST`

Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Accounting Component

17.3.2.1.9 Creation of a Manual Settlement Amount for Reversed Contracts

Business Details

This feature enables you to create a commission case with business transaction *Manual Settlement Amount* if a manual settlement amount was created for a reversed contract.

In case of integration with Incentive and Sales Force Management on policy level, if you execute a change with an effective date earlier then the effective date of the *Manual Settlement Amount* business transaction on the cancelled contract, the commission case will be reversed in Incentive and Sales Force Management and the user will be informed. In case of integration on contract level, the retroactive change on the cancelled contract will be disabled.

> **Note**
>
> This feature is available as of:
>
> - 2020 SPS10
> - 2021 SPS08
> - 2022 SPS06
> - 2023 SPS04
> - 2025

Implementation Details

Customizing

To use this feature, you must create a BadI implementation for *BAdI: Edit Settlement Amount for Reversed Contracts*. You can find the *BAdI: Edit Settlement Amount for Reversed Contracts* in Customizing for Policy Management under *In-Force Business Management* > *Basis* > *Business Transactions, Actions, and Process Steps* > *Business Add-Ins (BAdIs)* > *Manual Settlement Amount*.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable

Technical Object Name	BAdI:
	`/PM0/ABP_BTX_MASTLAM_BADI`
	Customizing Activity:
	`/PM0/ABP_BTX_MASTLAM`

Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2020 SP10

Related Information

Manual Settlement Amount

17.3.2.1.10 OData API: Insurance Policy (Version 3.0.0)

Business Details

The RESTful API *Insurance Policy* has been enhanced and is now available in version 3.0.0. The following enhancements are available:

- The virtual data model (VDM) supports 75 new entities for this API
- Field and node extensibility is supported
- New set of *New Business* and *Change* business transactions have been implemented
- A function for reading a policy application by different parameters has been implemented
- One common API for processing both open and released applications is available
- Transactional processing interface views have been implemented
- A *Draft* base layer has been enabled with corresponding draft query views
- A new set of RAP events has been implemented

This API is available on the SAP Business Accelerator Hub (https://api.sap.com/).

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	API: `API_INSURANCEPOLICYSERVICE_3` Entities Abstract Entities
Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Insurance Policy (Version 3.0.0)
Insurance Policy Events [page 1328]

17.3.2.1.11 CDS Views for System-Internal Use (Contract C1)

Business Details

In this overview, you can find C1- released CDS views newly released for extensibility purposes. The following new basic interface views are available:

- Inclusion Is Percentage Or Absolute in Insurance Policy
- Refusal Reason for Renewal in Insurance Policy
- Interest Payment Frequency in Insurance Policy
- Shift Switch Source Target Code in Insurance Policy
- Tax Processing Step in Insurance Policy
- Tax Recognition in Insurance Policy
- Module Status in Insurance Policy

The following new composite view is available: Load Journal Number for Policy and Contract. You can use the composite view to build a consumption view, for example.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable

Technical Object Name	CDS view (composite view):
	`I_InsurPlcyApplVersLoadJrnl`
	CDS view (basic interface view):
	`I_InPlConSetlPctgOrAbslt`
	`I_InPlContrRnwlRefusalRsn`
	`I_InPlModCalcIntrstPayFrq`
	`I_InPlShftSwitchSrceTgtCode`
	`I_InsurPlcyTaxJrnlProcgStep`
	`I_InsurPlcyTaxJrnlRecgn`
	`I_InsurPolicyModuleStatus`

Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Inclusion Is Percentage Or Absolute in Insurance Policy
Refusal Reason for Renewal in Insurance Policy
Interest Payment Frequency in Insurance Policy
Shift Switch Source Target Code in Insurance Policy
Tax Processing Step in Insurance Policy
Tax Recognition in Insurance Policy
Module Status in Insurance Policy
Load Journal Number for Policy and Contract

17.3.2.1.12 Insurance Policy Events

Business Details

With this feature, you can trigger the following events for the *Insurance Policy* business object:

- `Insurance Policy Created`
- `Insurance Policy Released`
- `Insurance Policy Rejected`

The events are available on the SAP Business Accelerator Hub (https://api.sap.com/event/sap-s4-OP_IS_INSURANCEPOLICYEVENTS-v1/overview).

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable

Technical Object Name	`Insurance Policy Created`
	`Insurance Policy Released`
	`Insurance Policy Rejected`

Application Component	`FSPM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Insurance Policy

17.3.2.1.13 Immediate Confirmation for Errors in CIC/IIS Inclusion

Business Details

You can use this function to immediately include a notification in the dialog using the *Include Immediately* action in CIC/IIS Management. The system immediately confirms whether the inclusion was successful.

When you execute the (existing) *Include Notification* action or the (new) *Include Immediately* action, the system exits processing mode.

Germany:

The system displays the *Include Immediately* pushbutton for an inbound positive/negative answer, for an inbound correction, or for an inbound claim-free discount return. The *Include Notification* pushbutton is also available for an inbound positive answer and for an inbound correction with a positive answer.

Austria:

The system displays the *Include Immediately* and *Include Notification* pushbuttons always at the same time for the inbound notifications “answer”, “correction”, and “deletion”.

Both Countries:

If both pushbuttons are displayed at the same time, you can either include the notification immediately (schedule a date and position immediately) or, as before, schedule a date for the inclusion using the *Include Notification* pushbutton.

You can execute the *Include Immediately* action only if the notification is accessed directly via the CIC/IIS Management transaction. You cannot execute the *Include Immediately* action if the jump to CIC/IIS Management takes place from a business process (such as Inquiry, Change, and so on).

When you execute the *Include Immediately* action, the system processes the date of the IIS inclusion (`/MVA/CLAIM_VAS`) immediately using a background update. It does not matter whether the date already existed or whether it was rescheduled by the immediate inclusion. Positioning updates the contract as far as it was before the inclusion.

If errors occur during immediate inclusion, the notification and the contract remain unchanged.

If the inclusion was successful, the status of the notification changes to “Completed” and this is also noted in the change information. Note that the *Automatic Processing* indicator is set in the process because processing is executed in the background as a result of the processing of the “IIS Inclusion” date.

> **Note**
>
> This function is available as of:
>
> - 2023 FPS01
> - 2025

Technical Details

Type	New
Functional Localization	Localized for Germany and Austria
Scope Item	Not applicable

Technical Object Name	BAdI (DE):
	`/MVA/AMVI_ICDE_SERVICES_BADI`
	Customizing activity (DE):
	`/MVA/AMVI_ICDES_BADI`
	BAdI (AT):
	`/MVA/AMVI_ICA_SERVICES_BADI`
	Customizing activity (AT):
	`/MVA/AMVI_ICA_SERVIC`

Application Component	`FS-PMA` (*Policy Management for Auto Insurance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.3.2.1.14 Legal Change to Registration (Austria) for KFA Version 7.01

Business Details

With this function, you can use *Registration Management (Austria)* according to the changed legal requirements of the Austrian Insurance Association in the data exchange with insurance companies and with the Bundesanstalt Statistik Österreich (Austrian statistical office) about KFA version 7.01 and in "INFO_WERTE_Fachbezogen Ver. 7.01".

Changes to the Record Types:

Record Type 3 Registration Date:

- The *Engine Number (Engine Model Number)* (`MT-NUM`) field was extended to 25 digits.
- The *Type-Approval Number* (`TYNUM`) field was extended to 30 digits.
- A new field called *Vehicle Subgroup* (`FZG_UNTGRP`) was added.

Usage Determination Adjusted:

- 41 - For Escorting Special Transports (changed)

- 99 - See A18 Official Observations (new)

The new and changed fields are displayed in *Registration Management (Austria)* and can be imported using the *Import Registration Data (A)* report.

> **Note**
>
> This function is available as of:
>
> - 1909 SPS09
> - 2020 SPS07
> - 2021 SPS05
> - 2022 FPS03
> - 2023 FPS01
> - 2025

Implementation Details

Effects on Existing Data

Customer-specific implementations of BAdI `/MVA/AMV_RSA_DATA_EXCH_BADI` should be checked because there is a new field that needs to be considered during import.

Technical Details

Type	Changed
Functional Localization	Localized for Austria
Scope Item	Not applicable

Technical Object Name	Migration object:
	`/MVA/AMQRA`
	BAdI:
	`/MVA/AMV_RSA_DATA_EXCH_BADI`
	Customizing activity:
	`/MVA/AMV_RSA_EXCHDAT`

Application Component	`FS-PMA` (*Policy Management for Auto Insurance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.3.2.1.15 RFM Generate Certificate According to Compulsory Insurance Act (PflVG)

Business Details

You can use this function to execute the remote-enabled function module (RFM) *Generate Certificate According to Compulsory Insurance Act (PflVG)* (`/MVA/AMT_SVC_CERT`). You can generate the certificate for the chosen effective date or for the current policy version.

The function module triggers the issuing of a certificate according to the Compulsory Insurance Act, schedules the correspondence, and triggers the printing of the correspondence. The system checks whether the bonus-malus can be assigned and notes the creation of the certificate in the bonus-malus.

In the *Business Transactions* section, read the entry for the *Issue Certificate According to Compulsory Insurance Act* business transaction.

- Business Transactions - Auto

For more information about this function module, call transaction `SE37` and read the long text of the function module documentation.

> **Note**
>
> This function is available as of:
>
> - 2023 FPS01
> - 2025

Implementation Details

Customizing

For customer-specific enhancements, a BAdI (`/MVA/AMT_SVC_CERT_BADI`) is available for the remote-enabled function module *Generate Certificate According to Compulsory Insurance Act (PflVG)*. You can find the BAdI in Customizing under *SAP Insurance* > *Policy Management* > *Integration* > *Services* > *Remote-Enabled Function Modules* > *Inquiry* > *BAdI: Generate Certif. Acc. to Compulsory Insurance Act (Extension In/Out)*.

Effects on Existing Data

Technical Details

Type	New
Functional Localization	Localized for Germany and Austria
Scope Item	Not applicable

Technical Object Name	API:
	`/MVA/AMT_SVC_CERT`
	BAdI:
	`/MVA/AMT_SVC_CERT_BADI`
	Customizing activity:
	`/MVA/AMT_SVC_CERT`

Application Component	`FS-PMA` (*Policy Management for Auto Insurance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.3.2.1.16 “Premium Development” Business Transaction for the Auto Line of Business

Business Details

With this function, you can also use the *Premium Development* business transaction in the *Inquiry* business process for auto insurance policies.

The business transaction calculates the premium development. On the basis of the loaded version of a policy, Policy Management (FS-PM) updates the policy up to the target date. This means that it is possible to compare the currently loaded inquiry version of a policy with the desired version in the future. In doing so, you can view the premium of the current and future version.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`FS-PMA` (*Policy Management for Auto Insurance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

See also

In the *Business Transactions* section, read the entry for the *Calculate Premium Development* business transaction:

- Calculate Premium Development

17.3.2.1.17 Restriction of Automatic Processing of Inbound CIC Notifications

Business Details

With this function, you can restrict the number of processes to be processed in the background run (FPP run) for the automatic processing of inbound notifications (transaction `/MVA/AMY_FPP_ICDEMSG`). You can specify the processes to be processed on the *General Data* tab page. Input help and multiple selection are available for selecting the processes.

Implementation Details

Effects on Existing Data

When you exclude a process from automatic processing, the corresponding inbound notification is not taken into account and retains the status “Open”.

Effects on Data Transfer

During data selection, you must include the new *Process Number* field in the background run for the automatic processing of inbound notifications. Check the customer-specific implementations of BAdI `/MVA/AMVI_ICDE_FPP_BADI` (*FS-PM Auto: Extension Implementation for Calling FPP*).

Technical Details

Type	New
Functional Localization	Localized for Germany
Scope Item	Not applicable

Technical Object Name	BAdI:
	`/MVA/AMVI_ICDE_FPP_BADI`
	Customizing activity:
	`/MVA/AMVI_ICFPP_BADI`

Application Component	`FS-PMA` (*Policy Management for Auto Insurance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.3.2.1.18 Legal Change to the Validity Period for Short-Term License Plates in Germany

Business Details

Since September 1, 2023, the clarification of the regulation on the validity period for short-term license plates in the amended German Vehicle Registration Law results in a possible extension of the insurance coverage to a maximum of six days.

> **Note**
>
> This function is available as of:
>
> - 1909 SPS10
> - 2020 SPS08
> - 2021 SPS06
> - 2022 FPS03
> - 2023 FPS01
> - 2025

Implementation Details

Effects on Existing Data

The check that is run on the validity period is implemented in BAdI `/MVA/AMV_VALIDATE_BADI`. Check to what extent a customer implementation was created for this purpose and adjust it accordingly if necessary.

Technical Details

Type	Changed
Functional Localization	Localized for Germany
Scope Item	Not applicable

Technical Object Name	BAdI:
	`/MVA/AMV_VALIDATE_BADI`
	Customizing activity:
	`/MVA/AMV_VALIDATE_BA`

Application Component	`FS-PMA` (*Policy Management for Auto Insurance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.3.2.1.19 Reassign Discarded Bonus-Malus

Business Details

With this function, you can reassign a bonus-malus with the status “Discarded” to an effective date that is later than the bonus-malus start date.

A bonus-malus receives the status “Discarded” if it is created on a specific effective date (bonus-malus start date) and then removed again on the bonus-malus start date in a subsequent change.

A Customizing check (see section *Customizing*) prevented this discarded bonus-malus from being assigned again except for to the bonus-malus start date. This check was removed from Customizing.

Changes to CIC/IIS:

If a (positive) answer is to be included and the bonus-malus originally defined in the process is not assigned to the contract or coverage, the system displays an error message both during scheduling and during processing of the IIS inclusion date (`/MVA/CLAIM_VAS`).

During date scheduling, the system no longer schedules exclusively at the start of the policy, but at the time at which the bonus-malus from the CIC/IIS process is actively attached to the contract to which the date is to be scheduled and processed.

Implementation Details

Customizing

The check *4 – Discarded* was removed for the function *Assign B/M* in Customizing under *SAP Insurance* > *Policy Management* > *Bonus-Malus Management* > *Assignability – Define Functions*.

Technical Details

Type	Changed
Functional Localization	Localized for Germany and Austria
Scope Item	Not applicable
Technical Object Name	Customizing activity: `/MVA/ABU_CBMASSIGN`
Application Component	`FS-PMA` (*Policy Management for Auto Insurance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.3.2.1.20 (De)Referencing of a Bonus-Malus If Exchanged

Business Details

With this function, you can change the credited bonus-malus if a bonus-malus has the rating reason "Exchange from Third-Party Contract". The newly credited bonus-malus is referenced and the deleted bonus-malus is dereferenced. This function is available in the dialog as well as via existing BTS dates and RFMs.

In this case, referencing and dereferencing means that both sides of the bonus-malus relationship are removed. This affects the contract data of the target bonus-malus `(/MVA/AMDABM)` and the global data of the credited bonus-malus `(/MVA/AMDBBM)`.

The change in behavior affects the following scenarios:

- **Change to the credited bonus-malus:** If the credited bonus-malus is changed in the target bonus-malus, the system cedes the new bonus-malus to be credited to the target bonus-malus and dereferences the **deleted** bonus-malus or the bonus-malus no longer credited. This bonus-malus no longer appears as ceded and can be used further.
- **Reactivation of statuses in the event of retroactive changes and possible undo/redo:** In the event of retroactive changes, a different bonus-malus may be credited for the status being loaded than in the

current status. The bonus-malus that is relevant for this status must be credited. The system removes the link to the bonus-malus that is not relevant for the loaded status.

- **Rejection of application statuses:** If the credited bonus-malus is changed within the application, the system restores the original status before the application was created if the application status is rejected.
- **Reset business transaction (undo):** If the credited bonus-malus is changed and the *Change B/M Data* business transaction is reset, the system restores the status before the business transaction was executed.
- **Reset/corrected policy issuance:** The system procedure is the same as for the reactivation of statuses in the event of retroactive changes.

The credited bonus-malus can only be changed with the corresponding authorizations (authorization object `/MVA/6VBM`) with an effective date that is not the bonus-malus start date in the contract or coverage. Otherwise, a change is only possible at the start.

If a bonus-malus with the rating reason "Exchange from Third-Party Contract" is completely removed and replaced by a new bonus-malus, the link to the bonus-malus is removed only if the target bonus-malus does not yet have any released statuses and can therefore no longer be queried after it has been removed.

> **Note**
>
> This function is available as of:
>
> - 1909 SPS11
> - 2020 SPS09
> - 2021 SPS07
> - 2022 SPS05
> - 2023 FPS03
> - 2025

Technical Details

Type	Changed
Functional Localization	Localized for Germany and Austria
Scope Item	Not applicable

Technical Object Name	API:
	`/MVA/P_M_S_BM_AMD`
	BAdI:
	`/MVA/AMP_APPLREJECT_BADI`
	Customizing activity:
	`/PM0/ABP_APPLREJECT_`
	BAdI:
	`/PM0/ABP_BPP_UNDO_AMD`
	Customizing activity:
	`/PM0/ABP_BPP_UNDO_AM`

Application Component	`FS-PMA` (*Policy Management for Auto Insurance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.3.2.1.21 Support FS-PM RFMs

Business Details

You can use all the listed remote-enabled function modules (RFM) for auto insurance policies:

- *Suspend* (`/PM0/ABT_SVC_SUS_SET`)
- *Perform Reinstatement After Supension* (`/PM0/ABT_SVC_RASUS`)

> **Note**
>
> This function is available as of:
>
> - 2020 SPS09
> - 2021 SPS07
> - 2022 SPS05
> - 2023 FPS03
> - 2025

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	APIs:
	`/PM0/ABT_SVC_SUS_SET`
	`/PM0/ABT_SVC_RASUS`

Application Component	`FS-PMA` (*Policy Management for Auto Insurance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Releated Links

- Remote-Enabled Function Modules for Change Business Process

17.3.2.1.22 RFMs to Shift Start of Policy, Contract, Coverage

Business Details

You can use the following RFMs for the application version for auto insurance policies:

- *Shift Policy Start Date* (`/PM0/ABT_SVC_INPI_POLICY_SHIFT`)
- *Shift Contract Start* (`/PM0/ABT_SVC_INPI_POLPR_SHIFT`)
- *Shift Coverage Start* (`/PM0/ABT_SVC_INPI_COV_SHIFT`)

You can also use the function modules to create, process, and change new business applications of an auto insurance policy.

> ⓘ Note
>
> This function is available as of:
>
> - 2020 SPS09
> - 2021 SPS07
> - 2022 SPS05
> - 2023 FPS03
> - 2025

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	APIs:
	`/PM0/ABT_SVC_INPI_POLICY_SHIFT`
	`/PM0/ABT_SVC_INPI_POLPR_SHIFT`
	`/PM0/ABT_SVC_INPI_COV_SHIFT`

Application Component	`FS-PMA` (*Policy Management for Auto Insurance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Releated Links

- Remote-Enabled Function Modules for New Business Business Process

17.3.2.1.23 RFM Change Contract

Business Details

You can use the following remote-enabled function module (RFM) for auto insurance policies:

- *Change Contract* (`PM0/ABT_SVC_POLPR_AMD`)

Implementation Details

Customizing

For customer-specific enhancements, a BAdI (`/MVA/AMT_SVC_POLPR_AMD_BADI`) is available for the RFC-enabled function module *Change Contract* (`/PM0/ABT_SVC_POLPR_AMD`). For more information about the BAdI, see Customizing under *SAP Insurance* > *Integration* > *Services* > *Remote-Enabled Function Modules* > *Change* > *Business Transactions* > *BAdI: Change Contract (Auto LoB/Mapping)* .

> **Note**
>
> This function is available as of:
>
> - 2020 SPS09
> - 2021 SPS07
> - 2022 SPS05
> - 2023 FPS03
> - 2025

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	API:
	`/PM0/ABT_SVC_POLPR_AMD`
	BAdI:
	`/MVA/AMT_SVC_POLPR_AMD_BADI`
	Customizing activity:
	`/MVA/AMT_SVC_POLPR_A`

Application Component	`FS-PMA` (*Policy Management for Auto Insurance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Releated Links

- Remote-Enabled Function Modules for Change Business Process

17.3.2.1.24 Change to Registration (Germany) Version 4.2 (Changed)

Business Details

With this function, you can use *Registration Management (Germany)* according to the changed legal requirements of the German Insurance Association in the manual of procedures 4.20.

A new change reason was added by the German Insurance Association for the message type “Registration Data for Insurance Company” (`GDV_VU_003`): `Change to VIN`. The German Insurance Association sends a “0” if a change to the vehicle identification number is not the reason for the transfer. It sends a “1” if there is a change to the vehicle identification number.

You can display this field in *Registration Management*.

Implementation Details

Customizing

Customer-specific implementations of BAdI `/MVA/AMV_RSA_DATA_EXCH_BADI` should be checked because there is a new field that needs to be considered during import.

> **Note**
>
> This function is available as of:
>
> - 1909 SPS12
> - 2020 SPS10
> - 2021 SPS08
> - 2022 SPS06
> - 2023 SPS04
> - 2025

Technical Details

Type	Changed
Functional Localization	Localized for Germany
Scope Item	Not applicable

Technical Object Name	BAdI:
	`/MVA/AMV_RSD_DATA_EXCH_BADI`
	Customizing activity:
	`/MVA/AMV_RSD_DATA_EX`

Application Component	`FS-PMA` (*Policy Management for Auto Insurance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.3.2.1.25 RFM “Perform Reinstatement After Reversal” for SAP Policy Management Auto

Business Details

You can use the following remote-enabled function module (RFM) to also execute the *Perform Reinstatement After Reversal* business transaction of the *Reset* business process for auto insurance policies:

- *Perform Reinstatement After Reversal* - `/PM0/ABT_SVC_IPRP_REINST_CNCL`

> ⓘ Note
>
> Only the reinstatement is performed. The RFM does not support other actions available in the dialog, such as “Insurance Certificate for Transfer”.

For more information about this function module, call transaction `SE37` and read the long text of the function module documentation.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `/PM0/ABT_SVC_IPRP_REINST_CNCL`
Application Component	`FS-PMA` (*Policy Management for Auto Insurance*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.3.2.1.26 Claim Inclusion in Reinstated Contract in the Reset Business Process

Business Details

With this function, you can use automated claim inclusion in the *Reset* business process (BP).

When you reinstate an auto insurance-specific contract, the system checks whether there are new or changed claims and schedules the related date `/MVA/CLAIMINPUT` (*Claim Inclusion*).

These processing steps are executed both during execution in dialog mode and using the RFM *Perform Reinstatement After Reversal* (`/PM0/ABT_SVC_IPRP_REINST_CNCL`).

The system starts the claim inclusion process when the *Reset* BP is released after the following business transactions have been executed:

- Perform Reinstatement after Reversal
- Reset Product Change

New or changed claims are recognized by the fact that they have not yet been appropriately taken into account in the bonus-malus ratings already performed for the previously reversed contract.

A distinction is made between the following claim changes:

- A new claim was created
- A claim was deleted
- A claim was changed

  A claim is regarded as changed if the *Claim Amount* (`LOSS_AM`), the *Relevance Indicator* (`/MVA/RELEVANT_FG`), and/or the *Deleted Indicator* (`DELETE_FG`) have changed compared to the claim version already taken into account.

The following claim changes are not supported:

- Change to the contract assignment (policy number, contract number, coverage number)
- Change to the rating-relevant date (claim date, notification date, claim completion date)

If there is such a change, you will be informed by a warning message after releasing the business process.

If there is a relevant change, the system schedules the related date `/MVA/CLAIMINPUT` (*Claim Inclusion*) for the corresponding rating date on a contract-related basis. Subsequent processing for the policy leads to the automatic reimplementation of the affected bonus-malus rating(s) with the updated claim information.

Implementation Details

Customizing

The BAdI `/MVA/AMCM_RELEVANT_CHANGE_BADI` is available for customer-specific enhancements. You can use this BAdI to add to the claim changes that are relevant for you, or to exclude existing relevant changes from the claim. You can find the BAdI in Customizing under *SAP Insurance* > *Policy Management* > *In-Force Business Management* > *Auto Line of Business* > *Business Add-Ins* > *BAdI: Claim* > *BAdI: Enhance and Change Relevant Changes*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	BAdI:
	`/MVA/AMCM_RELEVANT_CHANGE_BADI`
	Customizing activity:
	`/MVA/AMCM_RELE_CHG`

Application Component	`FS-PMA` (*Policy Management for Auto Insurance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.3.2.1.27 Remove Referenced Bonus-Malus Using a Specific Function

Business Details

With this function, you can use a *Delete* pushbutton to dereference a referenced bonus-malus. The system then separates all connections between the two bonus-malus.

Previously, it was only possible to remove a referenced bonus-malus in the dialog by changing the rating reason, where the system automatically removed it for a rating reason for which a referenced bonus-malus was not possible. This automatic deletion when the rating reason changes is replaced by the new function that allows the referenced bonus-malus to be removed with a pushbutton.

Implementation Details

Customizing

Rating reasons that use a referenced bonus-malus must use the control parameter (`FRC_CONT_ID`) “15”.

You make the corresponding entries in Customizing under *SAP Customizing Implementation Guide* > *SAP Insurance* > *Policy Management* > *Bonus-Malus Management* > *Define Rating Reasons*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	BAdI:
	`/PM0/ABP_BCA_ENTITY_BADI2`
	Customizing activities:
	`/PM0/ABP_BCA_ENTITY`
	`/MVA/AMU_BCCBM`
	`/MVA/AMU_CBMFRCC`

Application Component	`FS-PMA` (*Policy Management for Auto Insurance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.3.2.1.28 RFM “Change Representative” for SAP Policy Management Auto

Business Details

You can use the following remote-enabled function module (RFM) to also execute the *Change Representative* business transaction for auto insurance policies:

- *Change Representative* - `/PM0/ABT_SVC_REP_AMD`

For more information about this function module, call transaction `SE37` and read the long text of the function module documentation.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `/PM0/ABT_SVC_REP_AMD`
Application Component	`FS-PMA` (*Policy Management for Auto Insurance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.3.2.1.29 Legal Change to Registration (Austria) - Addition of STROMVERBR and HYBRIDFZG to Record Type 10 (Manual of Procedures 7.03)

Business Details

With this function, you can use *Registration Management (Austria)* according to the changed legal requirements of the Austrian Insurance Association in the data exchange with insurance companies and with the Bundesanstalt Statistik Österreich (Austrian statistical office) about KFA version 7.03.

- You can use the *Import Registration Data (A)* report to import the new fields that are sent to the insurance company.
- The new fields are displayed in *Registration Management (Austria)*.

Changes to the Record Types

Record Type 10 - Additional Supplementary Data for Vehicle to Insurance Company:

- Addition of *STROMVERBR* to record type 10 (valid as of 03/31/2025)
- Addition of *HYBRIDFZG* to record type 10 (valid as of 03/31/2025)

Implementation Details

Customizing

Customer-specific implementations of BAdI `/MVA/AMV_RSA_DATA_EXCH_BADI` should be checked because there are new fields that need to be considered during import.

> **Note**
>
> This function is available as of:
>
> - 1909 SPS12
> - 2020 SPS10
> - 2021 SPS08
> - 2022 SPS06
> - 2023 SPS04
> - 2025

Technical Details

Type	Changed
Functional Localization	Localized for Austria
Scope Item	Not applicable

Technical Object Name	BAdI:
	`/MVA/AMV_RSD_DATA_EXCH_BADI`
	Customizing activity:
	`/MVA/AMV_RSD_DATA_EX`
	Migration object:
	`/MVA/AMQRA`

Application Component	`FS-PMA` (*Policy Management for Auto Insurance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.3.2.2 Claims Management

17.3.2.2.1 Creating Custom Fields

Business Details

This Customizing activity is relevant if you want to create custom fields using Business Data Toolset (BDT) in Claims Management. Adding custom fields ensures that all necessary claim information is captured efficiently within the system interface. In this Customizing activity you can:

- Create a new field in the existing screen or section
- Create a new section

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`FS-CM` (*Claims Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Creating Custom Fields

17.3.2.2.2 Persistent Financial Overview

Business Details

With this feature, you can store financial overview data for claims, capturing payment and reserve amounts for reporting and audit purposes. When you activate the flag in `ICL_85_FINOVR`, the system stores financial overview data in `ICLFINOVR` database table each time a claim is saved.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	`ICL_XFINOVR`
Application Component	`FS-CM` (*Claims Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.3.2.2.3 OData API: Insurance Claim Financial Overview

Business Details

With this OData service you can quickly access financial overviews within the Claims Management system. This service allows external systems to access financial data such as reserves, payments, subrogation, and salvage and to retrieve a comprehensive financial overview without manual calculation. You can compare the data over different periods or view the most recent status. This service supports the comparison of financial data across user-defined points in time (PIT), or the retrieval of the latest status of all financial amount fields.

Implementation Details

You can extend this service according to your business needs. Extensibility applies to the following entities:

- Overview
- Latest Entry

Prerequisites

To activate table `ICL_85_FINOVR_M`, proceed as follows:

1. Navigate to transaction `SM30`.
2. Enter table `ICL_85_FINOVR_M`.
3. Choose *Edit*.
4. Validate the Financial Overview table.
5. Choose *Save*.

Generate able entries in table `INCLFINOVR` whenever you create or modify a claim in the system.

Authorizations

To use the Insurance Claim Financial Overview, the following authorization objects must be assigned to the user:

- `I_ICL_CTYP` (FS-CM: Claim Category)
- `I_ICL_ACLM` (FS-CM: Claim Authorization Group (VIP))

Customizing

The Insurance Claim Financial Overview is available in all LoB-specific entities.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_INS_FinancialOverview`
Application Component	`FS-CM` (*Claims Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Insurance Claim Financial Overview
Extensibility: Insurance Claim Financial Overview

17.3.2.2.4 One-Time Benefit Split

Business Details

With this feature, you can ensure that any changes to the benefit amount in the Policy Management (FS-PM) system are correctly synchronized with existing payments in Claims Management (FS-CM) system. This synchronization is available by default for recurring payments and can be extended to cover one-time payments as well. The scope of this feature aligns with the accumulating or decumulating use case, where capital accumulates within a policy up to a certain time, after which it is transferred to a decumulating policy.

You can do the following:

- Change and synchronize the benefit amount in FS-PM with the amount in FS-CM.
- Execute the new trigger in Insurance Mass Processing (IMP) manager `0BENUP`.
- Automatically update positive or negative delta amounts.
- Automatically generate a new one-time benefit split item in the one-time benefit split tab.
- Create a disbursement or refund payment based on the positive or negative benefit split.

Backdated Changes

For one-time payments, the subclaim and claim are automatically opened and closed immediately upon processing. This is not possible for payments since only the repetitive payment definitions are updated.

If a claim needs to be reopened due to a backdated change, the user must have the appropriate authorization:

- Authorization object: `I_ICLLREOP`
- Activity: `C5`

Implementation Details

If you make any changes in the Policy Management system such as an increase or decrease of a premium, it is sent to the Claims Management system and the new amount is stored in table `ICL_AGENT_COM`. Claims Management system creates new implementation triggers to update the relevant claim information based on the entries in table `ICL_AGENT_COM`. You can process these triggers either manually using transaction code `IMP_Manager`, or automatically via background process.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`FS-CM` (*Claims Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.3.2.2.5 Preliminary Payments

Business Details

With this feature, you can process the payments for life benefit claims even if the benefit information is not complete in the Policy Management (FS-PM) system. Without this feature, you can process the payments based on the benefit information only, due to the tight integration between the Policy and Claims Management (FS-CM) systems for life benefit claims.

This feature enables you to initiate the payments despite the missing benefit information. You can process the preliminary payments for subclaims that are explicitly marked to be in a preliminary state only, which you configure on the subclaim level.

You can do the following:

- Create subclaims for coverages that are not yet reflected in the policy
- Initiate one-time payments
- Set up periodic payments

When accurate benefit information becomes available in the FS-PM, you can switch the subclaim to a reconciliation state. This enables you to align the actual benefit data and the preliminary payment data. If there is a discrepancy between the two, delta payments are processed accordingly. For periodic benefits, you can calculate the delta amounts based on the relevant payment periods.

Implementation Details

Authorizations

To use this feature, you need specific authorizations. These permissions control access to manual subclaim creation, the ability to change the subclaim status, and the application of contract locks.

1. Authorization for Manual Subclaim Creation
   The authorization object `I_ICLPREPY` determines whether a user is authorized to create a subclaim within a claim manually. If you are an authorized user, the *Maintain Subclaim* button is displayed, which allows you to create manual subclaims.
2. Access to Change Preliminary Indicator
   If you have the appropriate authorizations, you can update the *Preliminary* indicator of a sublclaim to *Reconciliation*. To change this, select the *Reconcile* button at sublciam level.
3. Effect of Selecting the Reconcile Button
   When you select the *Reconcile* button, the status of a subclaim changes from *Preliminary* to *Reconciliation*. Also, a contract lock is automatically applied to the parent claim.
4. Special Case: 'Contract Reengineering Confirmed' State
   If the parent claim is in the **Contract Reengineering Confirmed** state:
   - Only the *Preliminary* indicator will change to *Reconciliation*.
   - The contract lock will not be automatically applied.
   - You must apply the contract lock by navigating to the *Claims Overview* screen and selecting the *Reset* button.

Customizing

A new activity Approve Preliminary Repetitive Payment (`PLREPP`) has been configured in Customizing for Claims Management under *Structuring Business Processes* > *Activity Management* > *Configure Tasks Log Entries and Activities* in table `TICL044` to support the approval process for repetitive preliminary payments. This activity is automatically triggered whenever you create a repetitive preliminary payment. Once you create a payment, a work item is generated using the `PLREPP` task and then routed to the SAP inbox of relevant users. These users can then approve or reject the repetitive payment as part of the standard workflow process.

The `PLREPP` activity is automatically triggered via a BRFplus function:

- Function: `ICL_IG004_FV`
- Ruleset: `ICL_LIFE_PRPAY_RS` (newly created)

This configuration ensures consistent control and oversight of repetitive preliminary payment processing.

Effects on Existing Data

The *Preliminary* indicator is stored on three levels within the system:

- Subclaim
- Repetitive record
- Payment

In addition to updates in the master data, the corresponding user interface sections have been enhanced to display the new fields. The following screen areas have been modified:

- The *Preliminary* field has been added to the *Status Information* section at *Subclaim* level.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-CM` (*Claims Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.3.2.2.6 BAdI: Adjustment for Preliminary Payment

Business Details

With this feature, you can:

- Create subclaims for coverages that are not yet reflected in the policy
- Initiate one-time payments
- Set up periodic payments

Implementation Details

Customizing

To use this feature, you must create a BAdI implementation for *BAdI: Adjustment for Preliminary Payment*. You can find the *BAdI: Adjustment for Preliminary Payment* in Customizing for Claims Management under *Country/Region Specifics* > *Gross/Net Calculation* > *Business Add-Ins (BAdIs)*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`BADI_ICL_PRELIM_PAYMENT`
Application Component	`FS-CM` (*Claims Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.3.2.2.7 BAdI: Mapping to HCM

Business Details

With this feature, you can automatically map benefit types to wage types based on the configuration in mapping table `/GSINS/INH_B2W_C`, considering the validity period. This mapping is applied when a payment item is transferred to HCM. You can also override the default mapping by implementing method `MAP_WAGETYPE`.

Implementation Details

Customizing

To use this feature, you must create a BAdI implementation for *BAdI: Mapping to HCM*. You can find *BAdI: Mapping to HCM* in Customizing for Claims Management under *Country/Region Specifics* > *Gross/Net Calculation* > *Business Add-Ins (BAdIs)*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`/GSINS_INSH_ES_MAPPING`
Application Component	`FS-CM` (*Claims Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

17.3.2.2.8 OData API: Insurance Claim Negotiation

Business Details

With this OData service, you can create and update negotiations. You can search for a specific negotiation or request the negotiation data.

Implementation Details

You can extend this service according to your business needs. Extensibility applies to the following entities:

- Header
- Item
- Assignment
- Argument

Authorizations

To use the Insurance Claim Negotiation, the following authorization objects must be assigned to the user:

- `I_ICL_CTYP` (FS-CM: Claim Category)
- `I_ICL_ACLM` (FS-CM: Claim Authorization Group (VIP))
- `I_ICL_ACT`
- `I_ICL_NEG`
- `I_ICL_SBRG`
- `I_ICL_SCLT`
- `I_INS_OBJ`

- B_BUPA_RLT
- S_START

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_INS_ClaimNegotiation`
Application Component	`FS-CM` (*Claims Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Insurance Claim Negotiation
Extensibility: Insurance Claim Negotiation

17.3.2.2.9 OData API: Insurance Claim Litigation

Business Details

With this OData service, you can create and update litigation records, items, and their associations with negotiations and subclaims either in a single API call or through individual calls. You can also search for specific litigation records, and retrieve detailed litigation data.

Implementation Details

You can extend this service according to your business needs. Extensibility applies to the following entities:

- Header
- Item

Authorizations

To use the Insurance Claim Negotiation, the following authorization objects must be assigned to the user:

- `I_ICL_CTYP` (FS-CM: Claim Category)
- `I_ICL_ACLM` (FS-CM: Claim Authorization Group (VIP))
- `I_ICL_ACT`
- `I_ICL_LIT`
- `I_ICL_SBRG`
- `I_ICL_SCLT`
- `I_INS_OBJ`
- `B_BUPA_RLT`
- `S_START`

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_INS_ClaimLitigation`
Application Component	`FS-CM` (*Claims Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Insurance Claim Litigation
Extensibility: Insurance Claim Litigation

17.3.2.3 Incentive and Sales Force Management

17.3.2.3.1 Improvement of Abbreviations in Data Elements

Business Details

In this release we have improved the readabilty and user experience of the solution by harmonizing the abbreviations in data elements used in Incentive and Sales Force Management.

We have reduced the number of abbreviations to a maximum of two per term. The changes affect the most common data elements, especially the ones used in the SAP Fiori applications for Incentive and Sales Force Management.

You can find a full list of the modified data elements in SAP Note 3554186.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`ICM` (*Incentive and Commission Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

SAP Note 3554186

17.3.2.4 Collections and Disbursements

17.3.2.4.1 Collections and Disbursements

Business Details

For information about new apps, features, and functions in *Contract Accounts Receivable and Payable* (FI-CA), see the *Contract Accounting* section under *Finance* > *Billing and Revenue Innovation Management*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`FS-CD` (*Collections/Disbursements*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Collections and Disbursements (FS-CD)

17.3.2.5 msg.PMQ

17.3.2.5.1 Software Modules (Java)

Business Details

With this feature you can use user exits as calculation objects for methods and calculated attributes in product modules.

In this context, the term **Calculation Function** is replaced by the term **Calculation Object** throughout the user interface and all message texts.

Valid calculation objects are currently functions and user exits. Support for formulas will be added at a later point in time.

Because this functionality is not backward compatible, we recommend setting the target version to version 2506 in the deployment configuration when using it.

Further it is now possible to create or import software module configurations analogous to the library configurations, as well as to select, activate and load them in the workspace settings.

Document Guide for Using Java Module Examples

For a more detailed explanation of the software module examples provided with the PMQ.Designer release, the document PMQD_JavaModules_BestPractice.pdf is included in the default delivery as of this release. This document uses simple examples to describe the recommended steps for calculating user exits that use external Java software modules, as well as setting up the necessary preconditions.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-MPM` (*msg.PMQ*)
Availability	SAP S/4HANA
Valid as Of	2025

17.3.2.5.2 CSV Import - New Option to Delete Local Data in Table Extensions

Business Details

With this feature a new option has been added to the CSV and XLS import, and existing options have been renamed accordingly. This makes it possible now to choose between the following Actions before importing:

- **No Action** (Deletion is not carried out)
- **Delete All Table Data** (Deletion is carried out)
- **Delete Local Table Data**
  The new **Delete Local Table Data** option deletes new and overwritten data before importing and retains inherited data.

Furthermore, the **-deleteExistingData** option of the headless commands **ImportCSV** and **ImportXLS** has been customized. The following parameters can now be used:

- **true**: Data will be deleted, same meaning as value delete_all
- **false**: Data will NOT be deleted, same meaning as value none
- **none**: all existing table data is retained before the import, new data is added to existing data, existing data is updated
- **delete_all**: all table data will be deleted before importing, inherited and overwritten data will be deactivated
- **delete_local**: new and overwritten data is deleted before importing, inherited data is retained

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-MPM` (*msg.PMQ*)
Availability	SAP S/4HANA
Valid as Of	2025

17.3.2.5.3 POTATO - Color Highlighting of Overwritten / Non-Overwritten Relation Targets

Business Details

With this feature the target product modules are now also highlighted in color when they are overwritten or inherited during a POTATO export analogous to the behavior of overwritten relation targets at a product module instance.

Technical Details

Type	New

Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-MPM` (*msg.PMQ*)
Availability	SAP S/4HANA
Valid as Of	2025

17.3.2.5.4 Deployment - Support of Software Modules (Java)

Business Details

This feature enables the user to use the deployment of the Content Service Transporter with the support of software modules. Software modules with the Content scope are transported into the content database.

For deployments with a Content Service target, a Content Archive Packager (QAR Packager) must now be available. Existing deployment configurations may need to be adjusted. For new deployment configurations created using the wizard in PMQ.Designer, a Content Archive Packager is added automatically.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-MPM` (*msg.PMQ*)
Availability	SAP S/4HANA
Valid as Of	2025

17.3.2.5.5 Switch to Eclipse 2025-03

Business Details

With this feature it is possible to use PMQ.Designer with the new technological base Eclipse 2025-03.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-MPM` (*msg.PMQ*)
Availability	SAP S/4HANA
Valid as Of	2025

17.3.2.5.6 Removing PM IDs

Business Detail

This feature enables the user to disable the initial generation of PM IDs when creating objects. Object references in PMQ.Designer and the associated Java runtime environment do not work using IDs, but rather using qualified names. Based on this, pure PMQ content that does not require C runtime support can dispense with PM IDs.

The compatibility setting PM ID Support, which can be defined in the Properties in the PMQ Settings/Project Settings group, is used for this purpose.

If PM IDs have been removed from the object, the interface displays the display value “” (empty string) in the corresponding fields.

PM IDs are assigned by default on an edition-specific basis. For the standard edition of PMQ.Designer, PM IDs are assigned by default when a new project is created.

This functionality is also supported in the POTATO and Deployment components.

Because this functionality is not backward compatible, we recommend setting the target version to version 2506 in the deployment configuration when using it.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-MPM` (*msg.PMQ*)
Availability	SAP S/4HANA
Valid as Of	2025

17.3.2.5.7 Improved Management of Views in Editors

Business Details

This feature enables the user to display the views with a fundamentally revised management in the various editors.

In this context, the view selection with the addition individual is no longer available.

If a view is changed (e.g. by adjusting the column sizes, showing/hiding columns, etc.), it is marked with an * (asterisk).

Example: View mode: List*

There are now two actions located in the application interface after the hyperlink for view selection:

- Update view mode – Enables the transfer of changes made in other open editors to the currently used view.
- Reset view mode - The customized view currently used in the editor is reset to its default values for this editor.

If two editors of the same type are open and one editor makes changes to a view, the other editor will also adopt the new view settings when switching to the changed view.

Technical Details

Type	New

Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-MPM` (*msg.PMQ*)
Availability	SAP S/4HANA
Valid as Of	2025

17.3.2.5.8 Deactivable and Stable List Entries

Business Details

With this feature, inherited entries from enumerations can be deactivated, as is already the case with internal table extensions.

To deactivate list entries, use the new **Deactivate** option in the context menu of the list editor. If entries have been deactivated, the previous individual data overwrites are removed. Selecting the context menu action **Revoke Override/Deactivation of All Data** cancels the deactivation (or overwrite).

Furthermore, quick fixes have been extended for various scenarios, which can be executed, for example, with the context menu entry Quick fix on the incorrect list entry.

The stabilization of enumeration entries only works for enumeration entries that were assigned an effective value during the PMQ build. Therefore, we recommend updating the product data promptly (via the context menu entry **Update Product Data** of the selected projects) with PMQ.Designer 2506.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-MPM` (*msg.PMQ*)
Availability	SAP S/4HANA
Valid as Of	2025

17.3.2.5.9 Display the Hierarchy of Overwritten Attributes

Business Details

With this feature a new context menu entry **Show Hierarchy** is available for product module types and product modules in the PMQ Explorer view. This has two subordinate actions:

- **PMQ Hierarchy** – Opens the hierarchy as before in the tree view.
- **Comparison Editor** - Opens the base hierarchy of the selected product module or product module type in the comparison editor. The elements are initially sorted according to their inheritance sequence, starting with the element on which the action was performed.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-MPM` (*msg.PMQ*)
Availability	SAP S/4HANA
Valid as Of	2025

17.3.2.5.10 POTATO - Export and Import of Calculation Functions

Business Details

With this feature user exits can now also be used for exporting and importing calculation functions in POTATO (referred to as Calculation Objects in PMQ.Designer). To distinguish them from the previous function objects (FU), the abbreviation UE is additionally used in the Excel columns for user exits.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-MPM` (*msg.PMQ*)
Availability	SAP S/4HANA
Valid as Of	2025

17.3.2.5.11 Support for New CAIMAN Version

Business Details

With this feature the latest CAIMAN version INSURANCE_809 (component S/4HANA 2025) has been integrated into the SAP Edition of PMQ.Designer.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-MPM` (*msg.PMQ*)
Availability	SAP S/4HANA
Valid as Of	2025

17.3.2.5.12 Detail Improvements

Business Details

The following features describe detail improvements:

PMQ.Designer

- Library Configuration
  As of this release, library configurations are no longer activated automatically.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-MPM` (*msg.PMQ*)
Availability	SAP S/4HANA
Valid as Of	2025

17.3.2.5.13 Error Corrections and Usability Improvements

Business Details

With this release, smaller issues has been fixed and the usability has been improved.

- PMQ.Designer
  - The usability of PMQ.Designer with the OSDarkTheme has been fundamentally improved.
  - Headless applications now always set exit code 1 when unexpected exceptions occur. However, if the application does not start due to insufficient heap memory (minimum approx. 80 MB), no exit code is set as before.
  - The introduction of embedded objects in internal data management has meant that, in some scenarios, builds took significantly longer to run because the cross-reference update took longer. This has been fixed.
  - The behavior when structures are dissolved in the attribute and method folders has been aligned with the behavior of PMQ.Runtime. Attributes and methods that have been sorted into a folder cannot be moved back to the root in derived product modules / product module types, but only to other folders.

- When importing CSV files, the correct faulty line number and the entire line content from the CSV file are now displayed in the error description.
- The search for redundantly overwritten data started from the PMQ-Explorer did not consider all items if the action was performed on a folder (not a package). Only direct items of the selected folder were considered. This has been fixed.
- Copying and pasting local enumeration entries could cause the name to disappear. This has been fixed.
- When markers were created in custom validators and builders, it could happen that markers were created on base objects instead of extension objects. This has been fixed.
- Activating/deactivating custom validators and builders did not work correctly if default values were set in the "plugin_customization.ini" configuration file. This has been fixed.
- Performance improvements have been made to the action for overwriting attribute values in the comparison editor; the properties page no longer "flickers".
- The GUI settings of the detailed view are now stored centrally and applied equally to each product module. This means that settings no longer need to be readjusted for each aggregated product module.
- Column settings made in the Properties view under the Time Control tab are now saved and restored when the section is opened again.
- The default setting for Inconsistent type hierarchy to template has been changed from Warning to Error.
- In the comparison editor for product module types, the English tooltip texts for related product attributes and related contract attributes were swapped. This has been fixed.
- When copying and pasting an inherited list entry in a list extension, a suffix is now generated so that the entry is unique by name.
- Starting with version 2412, the determination of string references could return incorrect results if PMQ object restrictions were only defined in an upstream project (e.g., on a template in the base project). The determination now includes all possible users of an object again.
- Attributes with multidimensional values are displayed in the comparison editor using a tooltip window. Due to the placement of the tooltip window, it was sometimes not possible to use the scroll bar in this window. This has been fixed.
- When opening the dialog for setting a column filter, the focus is now immediately in the text field for the search entry and an entry can be made directly.
- An inappropriate quick fix was offered for validation markers of the type "The label/description of the element <Name> is too long." This is no longer available.
- The Find in Values and Restrictions action in enumeration editors had a problem where some search hits (especially in extension projects) were incorrectly filtered out. This has been fixed.

- POTATO
  - When exporting a POTATO CSV, date values are now exported with the formatting yyyy-mm-dd.
  - As of data version 2503, the export and import of value-specific constraints in enumerations only works if the abbreviation SV is specified in the cell contents of Excel.
  - When importing combined tables, POTATO was unable to correctly resolve enumeration restrictions in table columns when using the identifier (NAME) if the enumerations were defined in separate content projects. This has been fixed.
  - For POTATO transports with the tabletypename selection filter activated, the tables are now selected correctly.

- The import of specialized column restrictions to internal tables and arrays is now possible again without errors.

- PMQ.Deployment
  - When the C runtime compilation for attribute/method folders is generated, the deployment now generates PM IDs that remain constant throughout the inheritance chain. This is a requirement for processing the compilation with PMQ.C Runtime.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-MPM` (*msg.PMQ*)
Availability	SAP S/4HANA
Valid as Of	2025

17.4 Public Services

17.4.1 Defense & Security

17.4.1.1 Archiving Personal Master Record Infotype 0800

Business Details

This feature enables you to archive the personal master record infotype 0800. The D&S functionality for personal and functional equipment uses this table to track all movements related to a person. The table's content can be reduced by archiving records that are obsolete or infrequently accessed. To optimize database performance and reduce storage costs, these records can be archived into archive files or permanently deleted from the database, depending on business and compliance requirement.

Implementation Details

The archiving object `DFS_PA0800` contains 3 components:

- Write Program: Ensures data is correctly written to archive files.
- Delete Program: Verifies that data is properly deleted from the database using archive files.
- Read Program: Confirms that archived data can be accurately read from archive files.

For the definition of an archiving run personal number, material number and return date are to be filled out. Additionally, BAdI `ARC_DFS_PA0800_CHECK` is available for more adaptations.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`DFS_PA0800`
Application Component	`IS-DFS-OF-FMP` (*Flexible Material Planning Object*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.4.1.2 Enhancements for the Critical Equipment

Business Details

This product feature consists of various enhancements for the critical equipment:

- Migration for Critical Equipment
- Dismantling of Critical Equipment
- Technical Status Aggregation for Multiple Technical Status Profiles

Migration for Critical Equipment

This report can be accessed using transaction `DFS_CEQ_MIGRATE`. It converts the equipment to critical equipment in a two-step process.

1. Enter the desired technical status profile and select the radio button *Migrate EQ to CEQ* in the *Migration* section and run the report. This converts all the equipment into critical equipment.
2. Select the same equipment (as in Step 1), select the radio button *Migrate Notif TStat Prof_Sts* and run the report. This converts all the notifications and orders (for the selected equipment) with a technical status conversion process based on the new mapping table `DFS_MIGRT_MAP`.

Dismantling of Critical Equipment

The existing report (using transaction `IE4N`) has been enhanced to dismantle the critical equipment from the functional location. The technical status of the existing notifications and orders (belonging to the

critical equipment) are adjusted according to the conversion process based on the new mapping table DFS_TSPROF_MAP.

Technical Status Aggregation for Multiple Technical Status Profiles

This feature enables you to have an aggregated technical status when the critical equipment and master equipment have different technical status profiles while they are in the same structure. The aggregation happens based on the mapping of technical status profiles and values maintained in the new mapping table DFS_TSPROF_MAP.

Implementation Details

For the migration of critical equipment, you need to ensure that you have maintained the necessary mapping of the technical status profiles for notifications in the mapping table DFS_MIGRT_MAP (Mapping Table for Notification Technical Status).

For the dismantling of critical equipment and technical status aggregation, you need to ensure that you have maintained the necessary mapping of the technical status profiles for notifications in the mapping table DFS_TSPROF_MAP (Mapping Table for Technical Status Aggregation).

The general DFPS Customizing table /ISDFPS/CDFPSK1 must also contain a record for which the following rules are applicable:

- field DFPS_KEY = **'DFS_STATUS_AGGR'**
- field DFPS_VALUE = **'SINGLE_STATUS_PROFILE'** or **'MULTIPLE_STATUS_PROFILE'**.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	IS-DFS-PM-MNT (*Maintenance (S/4)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.4.1.3 Remote-to-Remote Server Communication Through the Central System

Business Details

This feature provides the capability to use the central system to communicate from one remote server to another remote server in the same distributed landscape and then re-distribute the data. This supports the process of relocating technical objects and forwarding the notifications and work orders, assuring consistent data in the system landscape while operating at a remote site working offline in a communication-challenged environment.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`IS-DFS-BIT-DIS` (*Distributed System Landscape*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.4.1.4 Generic Data Distribution Enhancements

Business Details

This feature enhances the generic data distribution function. It enables force elements, classes and classifications, which are not directly linked to the subscribed force element, to be distributed explicitly. This guarantees consistent data and a seamless process flow in the system landscape, while operating at a remote site working offline in a communication-challenged environment.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`DFS_GENERIC_DISTR`
Application Component	`IS-DFS-BIT-DIS` (*Distributed System Landscape*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.4.1.5 Maintain Infrastructure Storage Location Data Based on Force Elements

Business Details

This feature enables you to directly access the infrastructure storage location data for the force element. You can create, edit or display the infrastructure storage location based on the plant and force element data by accessing the *Manage Infrastructure Storage Location* app from the Fiori launchpad. This gives you the flexibility to maintain infrastructure storage location data without having to maintain the MRP area details.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`DFS_FE_INFRA_SLOC`
Application Component	`IS-DFS-OF-FE` (*Force Element (S/4)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.4.1.6 Enhancements for SAP S/4HANA Defense & Security

Business Details

This feature consists of various enhancements for *SAP S/4HANA Defense & Security*:

- Performance improvements in D&S Core
- Additional filters on the authorized/actual comparison status
- Enhanced hierarchy view of the force elements

Performance Improvements in D&S Core

Significant improvements have been made to the overall performance of D&S Core.

Additional Filters on the Authorized/Actual Comparison Status

Improved filter options are now available in the *Compared Authorized with Actual Materials* app, enhancing its usability. Line items can be filtered and selected based on their status, including stock situations such as blocked or restricted.

Enhanced Hierarchy View of the Force Elements

In addition to the existing set of fields available in the hierarchy view, the following columns have been added: *Provision Plant*, *Provisional MRP Area*, , *Provision SLOC*, *Stock Plant*, *Stock MRP Area*, *Stock SLOC*, *Infrastructure Plant*, *Infrastructure MRP Area*, and *Infrastructure SLOC*. These new fields added are also available in the **list view**, ensuring consistency across both views.

These fields have also been included as part of the standard search filters.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`IS-DFS-OF` (*Organizational Flexibility*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.4.2 Public Sector

17.4.2.1 Public Sector Management

17.4.2.1.1 Funds Management

17.4.2.1.1.1 Annual Budget Overview App

Business Details

This feature enables you to have an overview of the annual budget and spending status (consumable, consumed, available amount) for any FM area and selection of control objects.

You can do the following:

- Drill down to the associated data at various flexible summarization levels.
- Follow the evolution of budget changes and of budget consumption data (actuals/commitments).
- Focus on specific areas of your annual budget by creating additional tiles.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F5180`
Application Component	`SAPPSM-FM` (*Funds Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Annual Budget Overview

17.4.2.1.1.2 Activate Derivation Trace

Business Details

This feature enables you to use the SAP Fiori app F8040 to activate the derivation trace for any back-end derivation strategy, which is defined in the table group TABADR* or TKEDR*.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F8040`
Application Component	`PSM-FM` (*Funds Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Activate Derivation Trace

17.4.2.1.1.3 Display Derivation Trace

Business Details

This feature enables you to use the SAP Fiori app F8041 to display the derivation trace recorded for any derivation strategy activated by the Fiori app F8040 (Activate Derivation Trace). The derivation trace can be recorded for any application, including GUI transactions or Fiori apps.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App-ID: `F8041`
Application Component	`PSM-FM` (*Funds Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Display Derivation Trace

17.4.2.1.1.4 Enable Pre-commitments as Account Assignments

Business Details

With this feature you can enable the entry of pre-commitment, which is a Earmarked Funds Document, as an account assignment in the Flexible Real Estate (RE-FX) and Contract and Lease Management (CLM) contracts. This ensures an automatic reduction of pre-commitment when a commitment in Earmarked Funds is generated.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable

Application Component	PSM (*Public Sector Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.4.2.1.1.5 Cost Center Universal Allocation with Public Sector Management

Business Details

This feature enables you to integrate cost center allocations with Funds Management, Grantee Management, and US Federal Accounting. Using Universal Allocation, you can define and run plan and actual cost center allocations including Public Sector Management (PSM) account assignments.

If active, the following PSM account assignments can now be used in the allocation cycle or segment definition:

- Fund
- Budget Period
- Functional Area
- Grant

They are considered when you allocate plan or actual amounts between cost centers or between cost centers and WBS elements, where the WBS elements is the receiver.

The following cost center allocation types are supported by this integration:

- Distribution
- Overhead Allocation
- Intercompany Allocation

You can configure if actual cost center allocations are updated as controlling postings to Funds Management, Grantee Management, and US Federal Accounting and if these postings consume budget in the Budget Control System (BCS).

The result of plan allocations can be transferred to the Budget Control System (BCS) creating budget documents.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PSM-FM-UP-CO` (*CO Integration*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.4.2.1.1.6 Profit Center Universal Allocation with Public Sector Management

Business Details

This feature enables you to integrate profit center allocations with Funds Management, Grantee Management and US Federal Accounting. Using Universal Allocation, you can define and run plan and actual profit center allocations including Public Sector Management (PSM) account assignments.

If active, the following PSM account assignments can now be used in the allocation cycle or segment definition:

- Fund
- Budget Period
- Functional Area
- Grant

They are considered when you allocate plan or actual amounts between profit centers.

The following profit center allocation types are supported by this integration:

- Distribution
- Overhead Allocation

Based on the GL account or commitment item used in the posting, profit center allocations are updated as FI transfers in Funds Management, Grantee Management, and US Federal Accounting. The result of plan allocations can be transferred to Budget Control System (BCS) creating budget documents, if the derived commitment item needs to be updated.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`PSM-FM-UP` (*Actual Update and Commitment Update*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.4.2.1.1.7 Generate Multi-Year Earmarked Funds Based on Valuation Cash Flow

Business Details

You can also calculate the interest portion and other conditions that are operating expenses for the first year and thereafter, on an annual basis, by running `Generation of Cash Flows for Contracts transaction (RECDCGOL)`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not Applicable
Technical Object Name	Not applicable
Application Component	`PSM` (*Public Sector Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.4.2.1.1.8 OData Services for Public Sector Management of Earmarked Funds Document Data

Business Details

This feature enables you to use OData services for Public Sector Management (PSM) transactional data that include the following:

- Read-access to earmarked funds document data
- Read, creation, and update functions for transactional data of earmarked funds document.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_EARMARKEDFUNDSDOC`
Application Component	`PSM` (*Public Sector Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.4.2.1.2 Grants Management

17.4.2.1.2.1 Grantor Management

17.4.2.1.2.1.1 Joule Conversational Search

Business Details

With Joule, our new generative AI copilot, you now have conversational access to the product documentation on SAP Help Portal.

Using Joule, you can now simply enter your query or question in plain natural language. Joule first checks whether your question activates a built-in business functionality to start a transaction or a navigation. If there's none, Joule searches the SAP Help Portal to find an answer for you. Joule uses a large language model to summarize the search results in the background. This summary is then displayed to you as Joule's answer

to your question, along with the top three search results. If you select the title link of a result, you'll be taken directly to the relevant topic on SAP Help Portal.

> **Note**
>
> Joule is an addition to in-app help content, guided tours, embedded learning content, and customer-specific enablement content in SAP Companion.

For more information, see Informational Capabilites.

Technical Details

Type	New
Functional Localization	Not Applicable
Scope Item	Not Applicable
Technical Object Name	Not Applicable
Application Component	`PSM-GM-GTR` (*Grantor Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.4.2.1.3 US Federal Government

17.4.2.1.3.1 Payment Due Notice for US Federal Government

Business Details

This feature enables you to create, preview, and send the payment due notice, by customer and/or invoice reference details as part of Financial Accounting correspondence. The correspondence form is designed based on the Core FS pre-built business reports, as outlined by the Financial Management Quality Service Management Office (FM QSMO).

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`SAP70` `SAP71`
Application Component	`PSM-FG` (*US Federal*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Printing Payment Due Notice

17.4.2.1.3.2 Prompt Payment Invoice Status for US Federal Government

Business Details

This feature enables you to generate the details of the prompt pay invoice status of your organization, where you can view the status of account payable invoices, in a report that is designed based on the Core FS pre-built business reports, as outlined by the Financial Management Quality Service Management Office (FM QSMO).

The report displays a list of vendor invoices with invoice amount, cleared amount, offered discount rates, discount amount, interest amount, and interest rate. You must use the document type to limit the selection to invoices.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`App ID: W0215`

Application Component	PSM-FG (*US Federal*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

AP Prompt Payment Invoice Status

17.4.2.1.3.3 Business Information Exchange

17.4.2.1.3.3.1 Incoming Business Information Exchange Using Shared Accounting Module in US Federal Government

Business Details

This feature enables you to upload and store Shared Accounting Module (SAM) files with Treasury Account Symbol (TAS), Business Event Type Code (BETC), and valid TAS-BETC combination information. The validation of agency TAS, TAS/BETC, and trading Partner TAS, TAS/BETC occurs during recording of business transactions where account assignment for Fund and Budget Period, if applicable, are entered.

Implementation Details

The transaction `Maintain TAS/BETC Status via File Upload - FMFG_SAM_TAS_BETC_UP – USFG` can be used to upload the SAM files. The data is then stored in `FMFG_TAS_BETC_ST - US Federal Government: TAS/BETC Status`table

For validation of TAS and TAS/BETC the following messages can be configured using `Change message control (transaction OBA5)`:

Work area `FICUSTOM`

- `236 TAS is invalid for &4`
- `237 The combination of TAS and BETC is invalid for &4 &3`

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Transaction: *FMFG_SAM_TAS_BETC_UP- Maintain TAS/ BETC Status via File Upload*
Application Component	`PSM-FG` (*US Federal*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Shared Accounting Module (SAM)

17.4.2.1.3.3.2 Outgoing Business Information Exchange using Secure Payment System in US Federal Government

Business Details

This feature enables you to generate the payment disbursement schedule information for domestic wire transfer and instant payments. It includes new Data Medium Exchange file formats and function modules that are available in the SAP Payment Program, using transaction *F110*, to support domestic wire transfer and instant payment, which are the two new payment methods.

Implementation Details

The following data medium exchange file formats and function modules are available in Financial Accounting configuration of the payment program:

- Data Medium Exchange file format for `Instant Pay`:
  - `US_SPS_INSP`
  - `US_SPS_SDP`

- Function Modules for `Instant Pay`:
  - `FI_PAYMEDIUM_SPS_INSP_00`
  - `FI_PAYMEDIUM_SPS_INSP_20`
  - `FI_PAYMEDIUM_SPS_INSP_25`
  - `FI_PAYMEDIUM_SPS_INSP_30`
  - `FI_PAYMEDIUM_SPS_INSP_40`
-
- Data Medium Exchange file format for `Same Day Pay`:
  - `US_SPS_SDP`
- Function Modules for `Same Day Pay`:
  - `FI_PAYMEDIUM_SPS_SDP_00`
  - `FI_PAYMEDIUM_SPS_SDP_20`
  - `FI_PAYMEDIUM_SPS_SDP_25`
  - `FI_PAYMEDIUM_SPS_SDP_30`
  - `FI_PAYMEDIUM_SPS_SDP_40`

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not Applicable
Application Component	`PSM-FG` (*US Federal*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.4.2.1.3.3.3 Invoice Processing Platform for US Federal Government

Business Details

This feature enables federal agencies to securely manage the invoicing process more efficiently, right from Purchase Order (PO) to payment notifications. Invoice Processing Platform (IPP) is a secure, web-based platform that is provided by the U.S. Department of the Treasury's Bureau of the Fiscal Service.

IPP centralizes data on all transactions in the order-to-pay process, including purchase orders, invoices, and payments, in one easy-to-use web-based portal.

Implementation Details

The following are the transactions and the details of the process that have been implemented SAP to interface with IPP:

- *FMFG_IPP_VEN_OUT - Vendor List File (Outbound)*: Using this transaction the agencies can create an outbound file with Vendor Master data, which can be loaded as the Master Vendor List (XMVL) in IPP.
- *FMFG_IPP_PO_OUT - PO List File (Outbound)*: Using this transaction the agencies can create an outbound file with Purchase Orders which can be loaded in IPP.
- *FMFG_IPP_INV_IN - Invoice File (Inbound)*: Using this transaction an inbound file with invoices can be uploaded to the system as Supplier Invoices referencing the Purchase Orders.
- *FMFG_IPP_INVSTAT_OUT - Invoice Status File (Outbound)*: Using this transaction, the agencies can create an outbound file, which reflects the status of the supplier invoice in the agency system.

The *business partner master record* has been enhanced to reflect the IPP integration status of the vendor. For this, the role of the Supplier (`FI`) has been enhanced by the field *IPP Integration Status* in the *Vendor USFG fields* tab. The possible values are:

- *S - Send to IPP*: Manually set by the user. This status is used for the business partners to send the files to IPP using the Vendor interface.
- *E - IPP Enrollment in Process*: Automatically set by the Vendor file program after completion of the interface program run.
- *M - Confirmed/Matched in IPP*: Manually set by the user when the vendor verification is completed in IPP.
- *Not Relevant*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PSM-FG` (*US Federal Government*
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Invoice Processing Platform (IPP)

17.4.2.2 Public Sector Collection and Disbursement

17.4.2.2.1 Cancel Collaborative Liability Item Groups and Records

Business Details

This feature enables you to cancel collaborative liability item groups and collaborative liability records.

Implementation Details

You can activate the new functionality under posting area 1013 in Customizing under *Contract Accounts Receivable and Payable* > *Business Transactions* > *Collaborative Liability* > *Co-Liability Settings*.

Authorizations

To cancel a collaborative liability record or item group, you need the authorization for the authorization object `F_KKCOL` with activity `FA`.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`IS-PS-CA` (*Public Sector Contract Accounts Receivable and Payable*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Processing a Collaborative Liability

17.4.2.2.2 Enterprise Search for Public Sector Contract Objects Available

Business Details

You can now use the Enterprise Search to quickly find contract objects for each business partner and contract account category combination directly from the SAP Fiori launchpad using predefined search criteria.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`ESH_S_PUBSECCONTRACT`
Application Component	`IS-PS-CA` (*Public Sector Contract Accounts Receivable and Payable*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Using the Enterprise Search for Public Sector Contract Objects

17.4.2.3 Tax and Revenue Management

17.4.2.3.1 Enterprise Search for Form Bundles Available

Business Details

You can now use the Enterprise Search to quickly find form bundles directly from the SAP Fiori launchpad using predefined search criteria.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`ESH_S_PUBLICSECTORFORMBUNDLE`
Application Component	`IS-PS-CA` (*Public Sector Contract Accounts Receivable and Payable*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025

Related Information

Using the Enterprise Search for Form Bundles

17.4.2.3.2 Enhancements to Transparent Table Form (TTF) Framework

Business Details

You can now manually assign the package that will be used for the creation of database tables for ISR Form Scenarios You can also change data types and insert fields in arbitrary positions.

Technical Details

Type	New
Functional Localization	Not Applicable
Scope Item	Not Applicable
Technical Object Name	Not Applicable

Application Component	`IS-PS-CA` (*Public Sector Contract Accounts Receivable and Payable*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Data Type Changes in ISR Scenarios
Manual Package Assignment for TTF Tables
Manual Package Assignment for TTF Tables

17.4.2.3.3 Situation Handling in Application Jobs

Business Details

This situation handling template supports mass activity monitoring.

You can create different situation types based on this situation template and situation scenario, adapting them based on your needs. you can adapt the default settings defined in the template to the situation type, for example, messages defined in the template for the trigger event can be enabled, disabled, removed or appended.

Technical Details

Type	New
Functional Localization	Not Applicable
Scope Item	Not Applicable
Technical Object Name	`FMCAPFPF` (*Mass Activity for Form Process*)
Application Component	`IS-PS-CA` (*Public Sector Contract Accounts Receivable and Payable*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

Related Information

Business Critical Errors in Application Jobs for Public Sector Collection and Disbursement
Mass Activity for Form Processing

17.4.2.3.4 Joule Conversational Search

Business Details

With Joule, our new generative AI copilot, you now have conversational access to the product documentation on SAP Help Portal.

Using Joule, you can now simply enter your query or question in plain natural language. Joule first checks whether your question activates a built-in business functionality to start a transaction or a navigation. If there's none, Joule searches the SAP Help Portal to find an answer for you. Joule uses a large language model to summarize the search results in the background. This summary is then displayed to you as Joule's answer to your question, along with the top three search results. If you select the title link of a result, you'll be taken directly to the relevant topic on SAP Help Portal.

> **Note**
>
> Joule is an addition to in-app help content, guided tours, embedded learning content, and customer-specific enablement content in SAP Companion.

For more information, see Informational Capabilites.

Technical Details

Type	New
Functional Localization	Not Applicable
Scope Item	Not Applicable
Technical Object Name	Not Applicable
Application Component	`IS-PS-CA` (*Public Sector Contract Accounts Receivable and Payable*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025

17.4.2.4 Procurement for Public Sector

17.4.2.4.1 SAP Ariba Sourcing and Procurement for Public Sector in SAP S/4HANA

Business Details

The SAP Ariba Sourcing and Procurement for Public Sector in SAP S/4HANA addresses special procurement needs of public sector organizations. The solution offers deep integration with SAP Public Sector Finance and improved efficiency through seamless integration between procurement modules while complying with international procurement policies and public regulations. The solution covers end-to-end public sector procurement process flows within SAP S/4HANA, from requisitioning, e-tendering, source of supply assignment, purchase order and purchase contract creation. Additionally, It provides special support for administrative operations like fiscal year end activities with de-obligation and close-outs or supplier replacements via novation.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`MM-PUR-PS` (*Public Sector*)
Availability	SAP S/4HANA
Valid as Of	2025

Related Information

SAP Ariba Sourcing and Procurement for Public Sector in S/4HANA

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