What's New | PUBLIC

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What's New in SAP S/4HANA and SAP S/4HANA Cloud Private Edition 2025 FPS01

Content

1 What's New. 5

2 Cross Components. 6

2.1 Create Review Booklets in "Manage KPIs and Reports". 6
2.2 Manage KPIs and Reports. 8
2.3 Master Data Maintenance. 9
2.4 Currency Changover. 15
2.5 Data Migration. 16
2.6 ILM Data Destruction Capability in Joule. 20
2.7 Master Data Governance, Central Governance. 21
2.8 Data Replication Framework. 21
2.9 Value Chain Analysis (VCA). 22
2.10 Value Chain Monitoring. 24
2.11 Integrated Business Communications 26
2.12 Joule Capabilities Supported. 30
2.13 Country/Region Specifics. 30
2.14 Behavioral Insights. 31
2.15 Intelligent Scenario Lifecycle Management Orchestration Services Support. 33

3 Asset Management. 34

3.1 Maintenance Management. 34
3.2 Resource Scheduling. 105
3.3 Country/Region Specifics. 109

4 Finance. 110

4.1 Financial Planning and Analysis. 110
4.2 Accounting and Financial Close. 116
4.3 Treasury Management. 178
4.4 Financial Operations. 205
4.5 Billing and Revenue Innovation Management. 212
4.6 Country/Region Specifics. 226

5 Human Resources. 227

5.1 Multi-Level Approval for Cross Application Timesheet. 227
5.2 Country/Region Specifics. 228
5.3 My Profile. 228
5.4 My Bank Data. 230
5.5 My Overtime Requests. 231

5.6 Approve Overtime Requests. . . . 232
5.7 Payroll Result Deletion (Transaction PU01) Using The New Infotype Framework. . . . 233
5.8 Detailed Log For Transfer To Accounting Report (RPCIPP00). . . . 234
5.9 New Capabilities In Application Log For Completeness Check Reports. . . . 235
5.10 Posting: Payment Posting To Bank Account Ledger. . . . 235
5.11 ILM Object HRPA_ALDOCS. . . . 236

6 Manufacturing. . . . 238
6.1 Environment, Health, and Safety. . . . 238
6.2 Production Engineering. . . . 256
6.3 Production Planning. . . . 257
6.4 Extended Production Planning and Scheduling. . . . 260
6.5 Production Operations. . . . 275
6.6 Quality Management. . . . 282
6.7 Country/Region Specifics. . . . 290

7 Manufacturing for Production Engineering and Operations. . . . 291
7.1 Cross-Area Features. . . . 291
7.2 Extended Production Engineering. . . . 298
7.3 Extended Production Process Setup. . . . 316
7.4 Extended Production Operations. . . . 317

8 R&D/Engineering. . . . 332
8.1 Enterprise Portfolio and Project Management. . . . 332
8.2 Product Compliance. . . . 347
8.3 Product Lifecycle Management. . . . 348

9 Sales. . . . 364
9.1 Order and Contract Management. . . . 364
9.2 Solution Business Management. . . . 392
9.3 Country/Region Specifics. . . . 393

10 Service. . . . 394
10.1 Service Master Data & Agreement Management. . . . 394
10.2 Service Operations & Processes. . . . 400
10.3 WebClient UI Framework. . . . 435

11 Sourcing and Procurement. . . . 439
11.1 APIs for Integration with Sourcing and Procurement. . . . 439
11.2 Sourcing and Contract Management. . . . 440
11.3 Operational Procurement. . . . 441
11.4 Central Procurement. . . . 465
11.5 Workflow Assistant for Procurement. . . . 475
11.6 Invoice Management. . . . 480

11.7 Country/Region Specifics. 483

12 Supply Chain. 484

12.1 Logistics Cross Topics. 484

12.2 Inventory. 486

12.3 Warehouse Management. 491

12.4 Delivery and Transportation. 507

12.5 Advanced Order Promising. 543

12.6 Extended Service Parts Planning. 553

12.7 Country/Region Specifics. 566

13 Integration. 567

13.1 Business Network Integration. 567

13.2 Integration with SAP Concur. 568

13.3 Master Data Replication using SAP Master Data Integration. 571

13.4 Country/Region Specifics. 572

14 Industries. 573

14.1 Consumer. 573

14.2 Energy & Natural Resources. 615

14.3 Financial Services. 674

14.4 Public Services. 706

1 What's New

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

2 Cross Components

2.1 Create Review Booklets in "Manage KPIs and Reports"

Business Details

As a key user, you can create and modify custom review booklets using the Review Booklet Designer in the *Manage KPIs and Reports* app. Previously, only custom developers could create these booklets using the ABAP development tools for Eclipse (ADT). For more information, see Working with Review Booklets.

To open the Review Booklet Designer, in the *Manage KPIs and Reports* app, choose the *Review Booklets* tab. You can then either create a review booklet from scratch or copy an existing review booklet and adapt it to your needs. For more information, see Review Booklets and Creating a Review Booklet in the Review Booklet Designer.

→ Tip

We recommend selecting one of the existing review booklets and copying it. These review booklets must have the status of either *Configuration Final* or *Application Active*. This approach offers several advantages:

- There's no need to create a custom InA service, which includes the required SAP-delivered or custom queries.
- You don't need to create your own data provider and other technical objects.
- Commenting is possible if the review booklet you are copying provides that option. For more information, see Commenting.

After configuring your custom review booklet, you need to publish the resulting app that it can be used. The steps are described in the following documents:

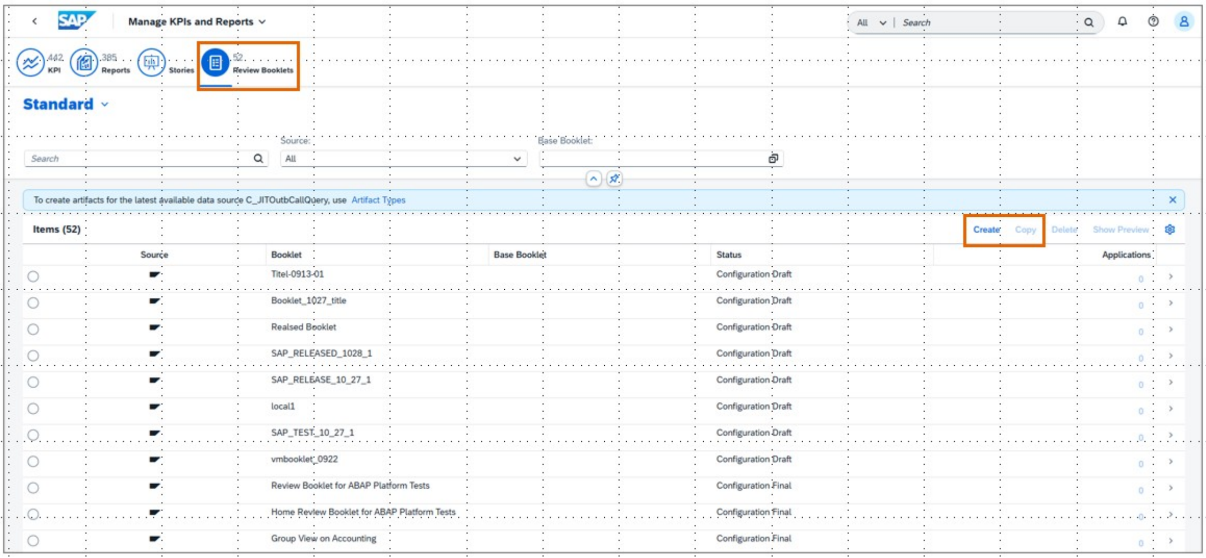
- Applications
- Creating Applications for Review Booklets
- Transporting Objects from the Quality System to Production Systems

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.

Here's what this looks like in the system:



Implementation Details

The following authorizations are required:

Authorizations

To copy, create, or adapt a review booklet, you need the following business catalog assigned to your user: *Analytics - Review Booklet Design* (`SAP_CORE_BC_EXT_RVB_PC`). This catalog is part of the `SAP_BR_ANALYTICS_SPECIALIST` business role template.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2814` (Manage KPIs and Reports)
Application Component	`CA-GTF-RB` (*Review Booklet*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage KPIs and Reports

2.2 Manage KPIs and Reports

Business Details

This app enables you to create review booklets and a tile visualization from the *Applications* page for the created review booklet.

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 Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage KPIs and Reports

2.3 Master Data Maintenance

2.3.1 Customer / Supplier Master Data

2.3.1.1 OData API: Business Partner (A2X)

Business Details

- New fields related to `Customer` entity are added to the API:
  - DifferentialReferenceCode
  - PurchaseOrderIsRequired
- New fields related to `Customer Sales Area` entity are added to the API:
  - ExciseDutyHandlingType
  - ExcsDutyRateDetnCode
  - LoadIDModeOfTransport
  - PrtnFuncTaxExemptionLicense
  - CustomerTaxGroup
  - IsHeadOffice
  - ContactPersonDepartment
  - ContactPersonFunction
  - CustomerCompatibilityGroup

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 FPS01

Related Information

Customer
Customer Sales Area

2.3.1.2 Duplicate Check Operation for OData API: Business Partner (A2X)

Business Details

The Business Partner OData API (API_BUSINESS_PARTNER) provides a new service operation `Duplicate Check`. You can perform a **`GET`** operation before creating new business partners so that you can verify if a business partner with a certain parameter or combination of multiple parameters already exists in the system. For more information, see Duplicate Check.

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 FPS01

2.3.2 Product Master

2.3.2.1 ALE Change Pointers for Data Replication

Business Details

By default, Product Master replication uses MDG change pointers. With this method, changes made to all the fields are recorded. This causes additional overload on the systems.

By switching to ALE change pointers, you can choose to record only those changes that are required. Change pointers are written for the fields specified in the message type PROD_SERV.

You can use all existing functionalities provided by ALE change pointers by enabling this feature.

Implementation Details

You must complete the following prerequisites to activate ALE change pointers:

- The BTE (Business Transaction Events) indicators for applications LO-MD, RFM-MD, and MDGM are deactivated.
- Change business object settings

Customizing

As a part of the prerequisite tasks, you must change the settings for business objects using the following customizing activity:

- *Replication* > *Define Custom Settings for DataReplication* > *Define Business Object Settings*

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`LO-MD-MM` (*Product Master*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Using ALE Change Pointers

2.3.2.2 SOAP API: Enhancements to the Product Master APIs

Business Details

The following enhancements are available in the APIs for Product Master, **Product Master - Replicate from Client to SAP S/4HANA** SOAP API (`PRODUCTMDMBULKREPLICATEREQUEST`) and **Product Master - Replicate from SAP S/4HANA to Client** SOAP API (`CO_MDM_PRD_BULK_REPL_REQ_OUT`):

- Added following service node to the **Product** parameter:
    - SegmentationStrategy
- Added following service nodes to the **Storage** parameter:
    - SegmentationStrategy
    - DefaultStockSegValue
    - SortStock

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `PRODUCTMDMBULKREPLICATEREQUEST` and `CO_MDM_PRD_BULK_REPL_REQ_OUT`
Application Component	`LO-MD-MM` (*Product Master*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Product Master - Replicate from SAP S/4HANA to Client
Product Master - Replicate from Client to SAP S/4HANA

2.3.2.3 CDS Views for Product Master

Business Details

With this release, the following field has been added to the `I_Product` CDS view:

- SegmentationStructure

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	CDS View: `I_Product`
Application Component	`LO-MD-MM` (*Product Master*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Product

2.3.3 Business Partner for Financial Services

2.3.3.1 New CDS Views for Financial Services Business Partner

Business Details

Several new CDS views have been released for the Financial Services Business Partner.

CDS View Name	Description
`I_AT_BPOeNBIdntNrAssgmtStatus`	Indicates that the business partner has been given an OeNB Ident Number by the Oesterreichische Nationalbank (Austrian National Bank)
`I_AT_BPOeNBTargetGroup`	Provides codes for the target group to which a business partner belongs, according to the Oesterreichische Nationalbank (Austrian National Bank), on the basis of a two-character key
`I_BusinessPartnerTargetGroup`	Provides codes for a target that you can use to categorize the business partner according to your own criteria
`I_BPBalanceSheetDisplayType`	Provides codes for the balance sheet display type
`I_BPMaritalPropertyRegim`	Provides codes for a marital property regime
`I_BusinessPartnerEmployeeGroup`	Provides codes for the internal position of a business partner as an employee within the company
`I_BPUndesirabilityReason`	Provides codes for the reason why business relations are not desired with the customer
`I_BPTxCmplncAgreementStatus`	Provides codes for the tax compliance status

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Application Component	`FS-BP` (*Financial Services Business Partner*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

CDS Views for Financial Services Business Partner

2.4 Currency Changover

Business Details

The SAP S/4HANA Currency Changeover feature supports you when a changeover of the currency used within your system is required, for example, when your country is participating in the European Monetary Union and you are legally required to change your currency to the Euro, or your currency is affected by huge inflation that requires adjustment.

With SAP S/4HANA Currency Changeover, SAP offers a solution that replaces the obsolete currency in Customizing, master data and transactional data, with the new currency. SAP S/4HANA currency changeover is available as fully integrated functionality within the SAP S/4HANA solution, as of version 2025 FPS01.

All conversion projects will be guided by currency changeover experts from SAP via a chargeable service. The result needs to be tested thoroughly by the customer. To deliver the service, SAP needs extensive authorizations and system access from outside Europe. All changeover projects are closely monitored by SAP product management and development teams. Technical execution can only take place as a service by SAP consulting. The projects will contain three test cycles. Initially, SAP will send out a quotation for the first test cycle, which will be considered a Proof of Concept. The customers are advised to thoroughly test the results and to obtain auditor approval for both converted data and related reconciliation postings. In case the proof of concept is successful, a quotation for the remainder of the project will be set up.

> Note
>
> Currently, it is only possible to convert currencies into **Euros**.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`CA-LCC` (*Currency Conversion*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Currency Changeover

2.5 Data Migration

2.5.1 New App: Explore Migration Objects

Business Details

The *Explore Migration Objects* app is now available with this release. With this app, you can check for predecessor migration objects, mandatory or optional, that need to be migrated before you can start the data migration process for a specific migration object. The app offers an interactive graph that can help you make informed decisions during project scoping and implementation.

Implementation Details

To access this app, you need to activate services on business catalog level. For more information, see Activating SAP Fiori Apps for Catalogs Via Task List SAP_FIORI_FCM_CATALOG_ACTIVATION.

Authorizations

Business Catalog: `SAP_CA_BC_MIG_DATA` (CA - Data Migration)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not Applicable
Technical Object Name	App ID: `F8638`
Application Component	`CA-GTF-MIG-APP` (*S/4HANA Data Migration Content - App Development*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Explore Migration Objects

2.5.2 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 FPS01

2.5.3 Migrate Your Data App – Use Staging Tables as Intermediate Storage

Business Details

For the migration approach *Migrate Data Directly from SAP System*, the *Migrate Your Data* app can create staging tables for the selected data in a remote SAP HANA schema, and store the selected data there. You can then adjust the values directly in the relevant database tables before continuing with the migration process.

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 FPS01

Related Information

Using Staging Tables as Intermediate Storage

2.5.4 Migrate Your Data App – Transfer List

Business Details

For the migration approach *Migrate Data Directly from SAP System*, you can use the transfer list to view the data that the target API uses to create data in SAP S/4HANA.

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 FPS01

Related Information

Viewing the Transfer List

2.5.5 Migrate Your Data App – Increased File Size in Zip Files

Business Details

For the migration approach *Migrate Data Using Staging Tables*, you can upload multiple XML files at once by using a zip file. The maximum size for each XML file in the zip file has been increased from 100MB to 200MB.

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 FPS01

Related Information

Transferring Data from XML Template Files to Staging Tables

2.6 ILM Data Destruction Capability in Joule

Business Details

You can now use Joule to securely delete archived data and database records, ensuring compliance with legal retention requirements.

Implementation Details

Authorizations

To be able to use this capability you must have the following business catalog assigned to your user:

`SAP_BASIS_BC_ILM`

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1KA
Technical Object Name	`SAP_BASIS_BC_ILM`
Application Component	`BC-ILM-DST` (*Data Destruction*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

ILM Data Destruction

2.7 Master Data Governance, Central Governance

2.7.1 Identity and Access Management - Central Governance

Business Details

As of this release, the `SAP_BR_BPC_EXPERT_MDG` role has been deprecated. The associated apps are already deprecated and they are no longer in use in the context of Master Data Governance. **Note**: This change affects both cloud-ready mode and classic mode.

The original tiles and target mappings can be found in the corresponding technical catalogs, `SAP_BR_BPC_EXPERT_MDG` (*Configuration Expert - Business Process Configuration*).

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`SAP_BR_BPC_EXPERT_MDG` (*Configuration Expert - Business Process Configuration*)
Application Component	`CA-MDG-CMP` (*Consolidation & Mass Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

2.8 Data Replication Framework

2.8.1 BAdI: DRF Filter Object

Business Details

The `DRF_FILTER_OBJECT_BADI` Business Add-In (BAdI) allows you to control logging for segment filters. This can enhance system performance, especially when dealing with large data volumes during data replication.

You must create an implementation to activate/deactivate segment filter logs based on segment filter by implementing the method DEACTIVATE_SEG_FILT_LOGS.

> ⓘ Note
>
> You need this BAdI only if you've applied segment filters and encounter performance issues.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: `DRF_FILTER_OBJECT_BADI`
Application Component	`CA-MDG-DRF` (*Data Replication Framework*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Replicate by Replication Model
Replicate by Object Selection

2.9 Value Chain Analysis (VCA)

2.9.1 Value Chain Analysis (VCA)

Business Details

Value Chain Analysis (VCA) is a set of capabilities in SAP S/4HANA Cloud Private Edition, spanning Financials and Logistics. With VCA, you gain real-time visibility and control over material and activity flows across legal entities and business units. This feature enhances financial transparency, streamlines operations, and supports compliance for businesses in complex, multinational environments aiming to optimize their supply chain and financial management.

VCA addresses the challenges of globalization, logistics inefficiencies, and fragmented financial reporting by offering advanced intercompany business support and financial chains. You can manage multistage intercompany sales and stock transfers with flexibility, optimizing supply chain efficiency. Additionally, Universal Parallel Accounting simplifies financial management by managing parallel value and currency flows, supporting compliance with IFRS and local GAAP. With VCA, you gain comprehensive insights and operational flexibility, ensuring seamless coordination and cost optimization across your business.

Implementation Details

To enable Value Chain Analysis, activate the following:

- Package: `PRC_VCA_ENABLEMENT`
- Business Function: `VALUE_CHAIN_ANALYSIS`
- Switch: `VALUE_CHAIN_ANALYSIS`

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`MM-IV-LIV-IC` (*Intercompany Processes*) `MM-PUR-PO-IC` (*Purchase Orders Intercompany Processes*) `SD-SLS` (*Sales*) `FI` (*Financial Accounting*) `CO` (*Controlling*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Value Chain Analysis (VCA)

2.10 Value Chain Monitoring

2.10.1 Enhancements in Monitor Value Chains

Business Details

Several usability and analytical enhancements have been introduced to Monitor Value Chain, improving filtering, navigation, and transparency across complex and multistage process flows.

- Display of Financial Chain along with additional business document specific selection and filter attributes in the list report page.
- Freestyle/fuzzy search is enabled for Business Document IDs, Active Error IDs, and Active Message text in the list report page.
- Supports sorting, filtering, and grouping based on additional attributes.
- Displays business processes for Multistage ICo Sales and Multistage ICo Stock Transfer.
- Provides seamless cross-app navigation to the Manage Financial Chain Fiori app when clicking the financial chain from the list report or object page.
- Display of additional multistage attributes in the documents table of the business process and item object page, along with process block types (such as Delivering, Intermediate, Selling, or Receiving plant) in the process flow graph.
- Provides a switch between Graph view and Table view using a toggle, extending multistage visualization capabilities in the process flow.
- Table view shows organization/plant specific documents based on process blocks, with additional attributes in nodes (such as Organization, Plant, Scheduled At, etc.) for Multistage ICo Sales and Multistage ICo Stock Transfer.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7YY (Multistage ICo Sales) 7YZ (Multistage ICo Stock Transfer)
Technical Object Name	`App ID: F4854`
Application Component	CA-VCM-MON (*Monitor Value Chains*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Monitor Value Chains

2.10.2 BadI: Change Synchronous Step Start Time

Business Details

This Business Add-In (BAdI) allows you to modify the start time of a **synchronous step** in the Value Chain Management (VCM) process. Use this BAdI to:

- Execute a step immediately, even if it is scheduled for the future.
- Reschedule a step to a future time.

The BAdI uses the interface `IF_VCM_STEP_START_TIME`, which provides the method `CHANGE_SYNC_STEP_START_TIME`.

Implementation Details

Customizing

To use this feature, you must create a BAdI implementation in Customizing for *Cross-Application components* > *Cross-Application components* > *Value Chain Monitoring Framework* > *BAdI: Change Synchronous Step Start Time*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Business Add-in `BADI_VCM_STEP_START_TIME`
Application Component	`CA-VCM`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

2.10.3 CDS View for Value Chain Document Flow

Business Details

This CDS view helps you identify all the documents involved in a single chain item within the same value chain. Additionally, it can be used to navigate other documents linked to the same item GUID. For example, if you are at one step and want to find information about another step, this CDS view can be utilized.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`I_VALUECHAINDOCUMENTFLOW`
Application Component	`CA-VCM`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Value Chain Document Flow

2.11 Integrated Business Communications

2.11.1 Contextual Communication

Business Details

Contextual business communication enables you to communicate seamlessly within a semantic object, such as a business document, while maintaining the specific context at hand.

For example, a service manager processes a service order and sends an email to the sold-to party to remind the contact about an upcoming service.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	• F9059 (*Contextual Business Communications Plugin*) • F9093 (*Contextual Business Communications*) • F9084 (*Manage Communication Patterns*) • F9092 (*Manage Segmentation Scenarios*)
Application Component	• CA-IBC-SEG (*Segmentation*) • CA-IBC-MSG (*Messages*) • CA-IBC-COM (*Communication*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Contextual Business Communication

2.11.2 Account-Based Communication

Business Details

Account-based communication functionality provides business relationship capabilities that enable you to address business partners in a personalized way, based on their specific role within a particular organization.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	`F2380` (*Contact Profiles*)
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 FPS01

Related Information

Account-Based Communication

2.11.3 Graphical Segmentation Builder

Business Details

Graphical segmentation builder enables you to segment and filter business data to create recipient lists for business communications and to analyze the data for addressing complex business questions.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	• `F1896A` (*Segmentation Models*) • `F0909A` (*Segmentation Builder*) • `F9092` (*Manage Segmentation Scenarios*)
Application Component	`CA-IBC-SEG` (*Segmentation*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Segmentation

2.11.4 Approval Workflow for Communication Flows

Business Details

The *SAP Business Workflow* app now allows you to submit approval requests for communication flows, enabling efficient management of workflow definitions and conditions. This feature is beneficial for organizations seeking to streamline their approval processes by defining multi-step workflows with designated approvers, ensuring timely notifications and approvals through the *My Inbox* app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	• `F2352` (*Manage Communication Flows*) • `F2190` (*Manage Workflows*) • `F0862` (*My Inbox*)
Application Component	`CA-IBC-COM` (*Communication*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Using SAP Business Workflow in Integrated Business Communications

2.12 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 FPS01

Related Information

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

2.13 Country/Region Specifics

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

2.14 Behavioral Insights

Business Details

The Behavioral Insights feature is enhanced with improved risk and debt classification, streamlined filtering, and simplified navigation from analysis applications. It also updates the late payment scenario with additional time ranges for machine learning features and a new ISLM model version.

Enhanced Risk Range and Debt Range Classification

Risk and debt analysis are enhanced with finer segmentation.

- The *Risk Range* and *Debt Range* classifications now include the *Very Low* and *Very High* categories.
- The system enables more precise analysis of customers in very low and very high risk and debt segments.
- This enhancement is available in *Explore At Risk Customers* (`F5145`) and *At Risk Customers Overview* (`F6601`) apps.

Improved Company Code Filtering

Company Code filtering is enhanced to simplify selection.

- You can search and select *Company Codes* using the *Search and Select* field.
- The system displays matching *Company Codes* based on the entered value.
- You can select a *Company Codes* directly from the list to filter customers across organizational units.

Navigational Customer ID and Account ID

Customer navigation from analysis apps is enhanced.

- The system enhances customer navigation. You can select the *Customer ID* to open the *Maintain Business Partner Fiori* (`F3163`) app.
- The system enables direct navigation from the *Account ID* to the *Contract Account Display* app.
- The system enables direct navigation from the *Customer ID* and *Account ID* , reducing manual search effort.

Behavioral Insights: Late Payment Scenario

For the Late Payment scenario, this release introduces the following enhancements:

- *Increased time range features and customizable features*
  The Late Payment scenario supports machine learning (ML) features with predefined *3-month, 6 months, and 12-month* time ranges, as well as a configurable *time range*.
- *New ISLM model version*
  A new *ISLM model version (V03)* is delivered for the Late Payment scenario, using the enhanced feature set for improved prediction accuracy.

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

- In `Intelligent Scenario Management`, activate the intelligent scenario *BEI_LATE_PAYMENT* and model *LATE_PAYMENT_V03*.
- Retrain the Late Payment scenario to apply the enhancements.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: • F5145 • F6601 • F3163
Application Component	`IS PS BEI` (*Behavioral Insights*)
Availability	`SAP S/4HANA Cloud Private Edition`
Valid as Of	2025 FPS01

2.15 Intelligent Scenario Lifecycle Management Orchestration Services Support

Business Details

Intelligent scenario lifecycle Management now supports integration with orchestration servies and additional enhancements.

With this feature, the following enhancements are enabled:

- Document grounding, content filtering, and data masking.
- Input and output translation and a prompt shield to protect against prompt injection attacks.
- Custom AI scenarios that leverage orchestration capabilities, enabling context-aware, and compliant business AI use cases with LLM integration.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not Applicable
Technical Object Name	Not applicable
Application Component	Not applicable
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Generative AI Scenario in ISLM
Create Your Own Gen AI Scenario

3 Asset Management

3.1 Maintenance Management

3.1.1 OData API: Measuring Point

Business Details

The OData API *Measuring Point* (`API_MEASURINGPOINT`) now has an attribute called the *Authorization Group* that allows you to control access to edit the measuring point.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_MEASURINGPOINT`
Application Component	`PM-EQM-SF-MPC` (*Measuring Points and Counters*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Measuring Point

3.1.2 OData API: Maintenance Task List

Business Details

With the OData API (V4) *Maintenance Task List* (`API_MAINTENANCETASKLIST`), you can now read, create, and update lean services. This helps in streamlining procurement and maintenance processes. It also helps in improving integration with external systems and service-based operations.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	API: `API_MAINTENANCETASKLIST`
Application Component	`PM-PRM-TL` (*Maintenance Task Lists*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Maintenance Task List

3.1.3 OData API: Maintenance Plan

Business Details

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

- Release Maintenance Call: Using this operation, you can release a maintenance call in an already scheduled maintenance plan of category maintenance notification, maintenance order and service order.

- Fix Maintenance Call: Using this operation, you can fix a maintenance call in an already scheduled maintenance plan of category maintenance notification, maintenance order and service order.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4HI (Proactive Maintenance) BJ2 (Preventive Maintenance)
Technical Object Name	API: `API_MAINTENANCEPLAN`
Application Component	`PM-PRM-MP` (*Maintenance Plans*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Maintenance Plan

3.1.4 OData API: Maintenance Notification

Business Details

With this feature, it is now possible to create, update and display notification with processing context using the OData API *Maintenance Notification* (`API_MAINTNOTIFICATION`).

Technical Details

Type	Changed
Functional Localization	No localization

Scope Item	BH1 (Corrective Maintenance) BH2 (Emergency Maintenance) 4HH (Reactive 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 FPS01

Related Information

Maintenance Notification

3.1.5 OData API: Maintenance Order

Business Details

You can now edit billable maintenance orders with the OData API *Maintenance Order (Version 2)* (API_MAINTENANCEORDER_0002).

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 FPS01

Related Information

Maintenance Order (Version 2)

3.1.6 OData API: Maintenance Planning Bucket

Business Details

The *Maintenance Planning Bucket* API has been enhanced with new properties, operations, and actions which allow you to do the following:

- Reset system statuses
- Activate and deactivate user statuses
- Assign execution objects
- Delete scope attribute values

The following table summarizes the changes:

Entity	Type	Details
Maintenance Planning Bucket (MaintenancePlanningBucket)	Changed	You can now perform the following new operations: • Assign maintenance orders or maintenance notifications to a maintenance event using the `AssgExecObjToMaintEvent` action • Revert the *Do Not Execute* status of a planning bucket using the `ResetStatusFromDoNotExecute` action • Revert the *Technically completed* status of a planning bucket using the `RsetStsFromTechnicalCompletion` action • Reset the deletion flag in a planning bucket using the `RemoveDeletionFlag` action The new property `AdminvOrdWorkCenterInternal` has been added. It allows you to specify a main work center for an administrative maintenance order independently from the planning bucket scope.
Maintenance Planning Bucket Execution Object (MaintPlngBucketExecObject)	Changed	You can now create an order for an assigned notification using the `CreateMaintenanceOrder` action. The new property `MaintenanceRevision` has been added. It specifies the maintenance event to which the maintenance notification or maintenance order is assigned.

Entity	Type	Details
Maintenance Planning Bucket Scope Attribute Value (MaintPlngBucketScopeValue)	Changed	You can now delete scope attribute values. The following new properties have been added to specify scope attribute values for a planning bucket: • `MaintPlngBucketScopeRgTo` • `MainWorkCenterPlant` • `MaintenancePlant` • `PlantSection` • `FunctionalLocationLabelName`
Maintenance Planning Bucket User Status (MaintPlngBucketUserStatus)	New	This new entity allows you to activate and deactivate user statuses in event-based planning buckets using the `UpdateUserStatus` action.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	API: `API_MAINTENANCEPLANNINGBUCKET`
Application Component	`PM-WOC` (*Maintenance Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Maintenance Planning Bucket

3.1.7 OData API: Task Planning Design

Business Details

With the synchronous inbound OData API *Task Planning Design* (API_TASKPLANNINGDESIGN), you can create, update, and read task planning designs.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: API_TASKPLANNINGDESIGN
Application Component	PM-WOC-MO-CUM (*Compatible Units Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Task Planning Management
Task Planning Design

3.1.8 OData API: Task Planning Element

Business Details

With the synchronous inbound OData API *Task Planning Element* (API_TASKPLANNINGELEMENT), you can create, update, and read task planning elements.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: API_TASKPLANNINGELEMENT
Application Component	PM-WOC-MO-CUM (*Compatible Units Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Task Planning Management
Task Planning Element

3.1.9 OData API: Construction Measure

Business Details

With the synchronous inbound OData API *Construction Measure* (API_CONSTRUCTIONMEASURE), you can create, update, and read construction measures.

Technical Details

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

Application Component	`PM-WOC-MO-CUM` (*Compatible Units Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Task Planning Management
Construction Measure

3.1.10 New Linear Asset Management Data Entity for OData APIs

Business Details

The Linear Asset Management Data `A_LinearAssetManagementData` entity has been added to the following APIs:

- *Equipment* (`API_EQUIPMENT`)
- *Functional Location* (`API_FUNCTIONALLOCATION`)
- *Maintenance Notification* (`API_MAINTNOTIFICATION`)
- *Measuring Point* (`API_MEASURINGPOINT`)
- *Measurement Document* (`API_MEASUREMENTDOCUMENT`)
- *Maintenance Item* (`API_MAINTENANCEITEM`)
- *Maintenance Order (Version 2)* (`API_MAINTENANCEORDER_0002`)

The Linear Asset Management Data entity allows you to read linear asset management data.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	API: API_EQUIPMENT API_FUNCTIONALLOCATION API_MAINTNOTIFICATION API_MEASURINGPOINT API_MEASUREMENTDOCUMENT API_MAINTENANCEITEM API_MAINTENANCEORDER_0002
Application Component	PM-EQM-EQ (*Equipment*) PM-EQM-FL (*Functional Locations*) PM-WOC-MN (*Maintenance Notification*) PM-EQM-SF-MPC (*Measuring Points and Counters*) PM-PRM-MP (*Maintenance Plans*) PM-WOC-MO (*Maintenance Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Equipment
Functional Location
Maintenance Notification
Measuring Point
Measurement Document
Maintenance Item
Maintenance Order (Version 2)

3.1.11 CDS Views for Maintenance Management

Business Details

New CDS views have been released for *Maintenance Management* and some existing CDS views have been changed.

The following table provides an overview of the new and changed CDS views.

Name	Description	Application Component	Type
Maintenance Process Phases - Cube (`I_MaintObjectPhaseLogCube`)	This CDS view enables you to analyze phase-based maintenance processes in your organization by measuring how much time maintenance orders and maintenance notifications spend in each process phase. It transforms raw timestamp data from individual process phases into actionable analytical measures, allowing you to compare the duration of individual phases, identify bottlenecks, and optimize your maintenance processes.	`PM-WOC-MO` (*Maintenance Orders*)	New
Maintenance Process Phases - Query (`C_MaintObjectPhaseLogQuery`)	This query is built on top of the view *Maintenance Process Phases - Cube* (`I_MaintObjectPhaseLogCube`)	`PM-WOC-MO` (*Maintenance Orders*)	New
Equipment Collective Value Help (`D_EquipmentCVH`)	This CDS view for equipment is a collective value help. It lets users efficiently find equipment details across SAP Fiori applications using various search criteria and fuzzy search capabilities for partial matches. Users can search for equipment using templates such as account assignment data, address data, asset data, equipment data, maintenance data, and validity date.	`PM-EQM-EQ` (*Equipment*)	New

Name	Description	Application Component	Type
Functional Location Collective Value Help (D_FunctionalLocationCVH)	This CDS view for functional location is a collective value help. It lets users efficiently find functional location details across SAP Fiori applications by using various search criteria and fuzzy search for partial matches. Users can search for a functional location using templates such as address data, asset data, functional location data, maintenance data, location label data, location data, sales data, and validity date.	PM-EQM-FL (*Functional Locations*)	New
Abstract Entity for Technical Object (D_TechnicalObjectCVH)	This CDS view for technical object is a collective value help. It lets users efficiently find technical object across SAP Fiori applications using various search criteria, and fuzzy search for partial matches. Users can search for a technical object using the templates such as address data, hierarchy, maintenance data, sales/administrative data, and technical object data.	PM-EQM (*Technical Objects*)	New
Reference Equipment – TP (I_ReferenceEquipmentTP)	This CDS view helps you retrieve various attributes related to a reference equipment, including identification details, categorization, maintenance planning information, and associated work centers. Additionally, it integrates related texts and partner information, offering a holistic view of reference equipment data.	PM-EQM-EQ (*Equipment*)	New

Name	Description	Application Component	Type
Reference Equipment Partner - TP (`I_ReferenceEquipmentPartnerTP`)	This CDS view helps you retrieve information related to partners associated with a reference equipment. It captures key details about the partners involved with specific reference equipment, including their roles and responsibilities.	`PM-EQM-EQ` (*Equipment*)	New
Reference Equipment Description - TP (`I_ReferenceEquipmentTextTP`)	This CDS view is the text view for `I_ReferenceEquipmentTP`.	`PM-EQM-EQ` (*Equipment*)	New
Reference Equipment Copy Action (`D_ReferenceEquipmentCopyP`)	This CDS view allows you to facilitate the copying of reference equipment data, including categories, partners, descriptions, notes, and reference measuring points. It provides a structured way to manage and replicate specific attributes of reference equipment within a system.	`PM-EQM-EQ` (*Equipment*)	New
Extend Reference Equipment Validity (`D_RefEquipmentExtendValidityP`)	This CDS view helps you to extend the validity period of reference equipment by allowing you to modify the end date and time of the equipment's validity.	`PM-EQM-EQ` (*Equipment*)	New
Reference Equipment Category (`C_ReferenceEquipmentCategoryVH`)	This CDS view provides a value help for reference equipment categories, which are used in various business processes to categorize equipment in a standardized manner.	`PM-EQM-EQ` (*Equipment*)	New
Maintenance Item Data (`C_MaintenanceItemDEX`)	You can now retrieve an object list number using this CDS view.	`PM-PRM-MP` (*Maintenance Plans*)	Changed

Technical Details

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

Technical Object Name	CDS View:
	`I_MaintObjectPhaseLogCube`
	`C_MaintObjectPhaseLogQuery`
	`D_EquipmentCVH`
	`D_FunctionalLocationCVH`
	`D_TechnicalObjectCVH`
	`I_ReferenceEquipmentTP`
	`I_ReferenceEquipmentPartnerTP`
	`I_ReferenceEquipmentTextTP`
	`D_ReferenceEquipmentCopyP`
	`D_RefEquipmentExtendValidityP`
	`C_ReferenceEquipmentCategoryVH`
	`C_MaintenanceItemDEX`

Application Component	`PM-WOC-MO` (*Maintenance Orders*) `PM-EQM-EQ` (*Equipment*) `PM-EQM-FL` (*Functional Locations*) `PM-EQM` (*Technical Objects*) `PM-PRM-MP` (*Maintenance Plans*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Maintenance Process Phases - Cube
Maintenance Process Phases - Query

3.1.12 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.

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 Process Phases - Cube*	`I_MaintObjectPhaseLogCube`	New	This CDS view enables you to analyze phase-based maintenance processes in your organization by measuring how much time maintenance orders and maintenance notifications spend in each process phase. It transforms raw time-stamp data from individual process phases into actionable analytical measures, allowing you to compare the duration of individual phases, identify bottlenecks, and optimize your maintenance processes.
CDS view	*Maintenance Process Phases - Query*	`C_MaintObjectPhaseLogQuery`	New	This query is built on top of the view *Maintenance Process Phases - Cube* (`I_MaintObjectPhaseLogCube`)

Object Type	End-User Name	Technical Name	Type	Details
CDS view	*Reference Equipment – TP*	`I_ReferenceEquipmentTP`	New	This CDS view helps you retrieve various attributes related to a reference equipment, including identification details, categorization, maintenance planning information, and associated work centers. Additionally, it integrates related texts and partner information, offering a holistic view of reference equipment data.
CDS view	*Reference Equipment Partner - TP*	`I_ReferenceEquipmentPartnerTP`	New	This CDS view helps you retrieve information related to partners associated with a reference equipment. It captures key details about the partners involved with specific reference equipment, including their roles and responsibilities.
CDS view	*Reference Equipment Description - TP*	`I_ReferenceEquipmentTextTP`	New	This CDS view is the text view for `I_ReferenceEquipmentTP`.
CDS view	*Reference Equipment Copy Action*	`D_ReferenceEquipmentCopyP`	New	This CDS view allows you to facilitate the copying of reference equipment data, including categories, partners, descriptions, notes, and reference measuring points. It provides a structured way to manage and replicate specific attributes of reference equipment within a system.

Object Type	End-User Name	Technical Name	Type	Details
CDS view	*Extend Reference Equipment Validity*	`D_RefEquipmentExtendValidityP`	New	This CDS view helps you to extend the validity period of reference equipment by allowing you to modify the end date and time of the equipment's validity.
CDS view	*Reference Equipment Category*	`C_ReferenceEquipmentCategoryVH`	New	This CDS view provides a value help for reference equipment categories, which are used in various business processes to categorize equipment in a standardized manner.
BAdI	*Display of Custom Scope Attributes in Planning Bucket*	`ASM_PLNGBCKT_ADD_SCP_ATTR_VAL`	New	You use this BAdI to display the labels of custom scope attributes and their values in the *Manage Maintenance Planning Buckets* app (F3888A). For more information, see Extensibility for Maintenance Planning Buckets [page 62].

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	4HH (Reactive Maintenance) 4HI (Proactive Maintenance)

Technical Object Name	CDS View:
	`I_MaintObjectPhaseLogCube`
	`C_MaintObjectPhaseLogQuery`
	`I_ReferenceEquipmentTP`
	`I_ReferenceEquipmentPartnerTP`
	`I_ReferenceEquipmentTextTP`
	`D_ReferenceEquipmentCopyP`
	`D_RefEquipmentExtendValidityP`
	`C_ReferenceEquipmentCategoryVH`
	BAdI:
	`ASM_PLNGBCKT_ADD_SCP_ATTR_VAL`

Application Component	`PM-WOC` (*Maintenance Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Maintenance Process Phases - Cube
Maintenance Process Phases - Query

3.1.13 Customizing Activities for Reference Functional Location

Business Details

There are the following new configuration activities for reference functional locations:

- You can define edit keys for a reference functional location in the Customizing for *Plant Maintenance and Customer Service* under *Master Data in Plant Maintenance and Customer Service* > *Technical Objects* > *Functional Locations* > *Edit Key for Reference Functional Locations* > *Define Edit Key for Reference Functional Locations*.
  Edit keys allow you to decide which fields cannot be edited.

- You can assign the edit keys to reference functional location categories in the Customizing for *Plant Maintenance and Customer Service* under *Master Data in Plant Maintenance and Customer Service* > *Technical Objects* > *Functional Locations* > *Edit Key for Reference Functional Locations* > *Assign Edit Key to Reference Functional Locations*

Changes to the User Interface

When using the application, if you select a particular reference functional location, the edit key assigned to its corresponding reference functional location category will also appear. If you copy the reference functional location to create a functional location, the fields cannot be edited in the new functional location.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PM-EQM-FL` (*Functional Locations*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

3.1.14 Customizing Activities for Reference Equipment

Business Details

The following new configuration activities for reference equipment:

- You can define edit keys for reference equipment in the Customizing for *Plant Maintenance and Customer Service* under *Master Data in Plant Maintenance and Customer Service* > *Technical Objects* > *Reference Equipment* > *Edit Key for Reference Equipment* > *Define Edit Key for Reference Equipment*.
  Edit keys allow you to decide which fields cannot be edited.
- You can assign edit keys to the reference equipment in the Customizing for *Plant Maintenance and Customer Service* under *Master Data in Plant Maintenance and Customer Service* > *Technical Objects* > *Reference Equipment* > *Edit Key for Reference Equipment* > *Assign Edit Key to Reference Equipment*.
- You can define the reference equipment categories in the Customizing for *Plant Maintenance and Customer Service* under *Master Data in Plant Maintenance and Customer Service* > *Technical Objects* > *Reference Equipment* > *Reference Equipment Categories* > *Maintain Reference Equipment Categories*.

- You can define the number range for a reference equipment category in the Customizing for *Plant Maintenance and Customer Service* under *Master Data in Plant Maintenance and Customer Service* > *Technical Objects* > *Reference Equipment* > *Reference Equipment Categories* > *Define Number Ranges for Reference Equipment Categories*.

Changes to the User Interface

When using the application, if you select a particular reference equipment, the edit key assigned to its corresponding reference equipment category and object type will also appear.

If you copy the reference equipment to create equipment, the fields cannot be edited in the new equipment.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
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 FPS01

3.1.15 BAdI: Functional Location Management

Business Details

The new Business Add-In (BAdI) *BAdI for Functional Location* (`BADI_ASM_MD_FUNCLOC`) allows you to add custom validations while creating or updating functional location information. You can add validations for functional location details such as basic data, address, warranty, or partners using any of the following approaches:

- SAP GUI transactions
  - `IL01` (*Create Functional Location*)
  - `IL02` (*Change Functional Location*)
- Web Dynpro app - *Process Technical Object* (`W0029`) to create or change technical objects
- API - *Functional Location* (`API_FUNCTIONALLOCATION`)
- SAP Fiori app - *Migrate Your Data* (`F3473`)

You can also add validations for the header details of functional locations by using the following business application programming interfaces (BAPIs):

- *PM BAPI: Create Functional Location* (`BAPI_FUNCLOC_CREATE`)
- *PM BAPI: Change Functional Location* (`BAPI_FUNCLOC_CHANGE`)

Implementation Details

Customizing

To add custom validations while creating or updating functional location information, you must create a BAdI implementation in Customizing for *Plant Maintenance and Customer Service* > *Master Data in Plant Maintenance and Customer Service* > *Technical Objects* > *Functional Locations* > *BAdI: Functional Location Management*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	BAdI: `BADI_ASM_MD_FUNCLOC`
Application Component	`PM-EQM-FL` (*Functional Locations*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

3.1.16 BAdI: Validation of Reference Equipment

Business Details

With the Business Add-In (BAdI) *Validation of Reference Equipment* (`ASM_BADI_REFEQ_VALIDATION`), you can validate the details of the reference equipment you create or update. The BAdI reads the reference equipment header data before it is saved to the database. You can evaluate the reference equipment data and implement warning or error messages that prevent the system from saving reference equipment to the database. Note that you cannot use this BAdI to directly change any reference equipment data.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: `ASM_BADI_REFEQ_VALIDATION`
Application Component	`PM-EQM-EQ` (*Equipment*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

3.1.17 BAdI: Extensibility of Templates in Maintenance Request and Notification Processing

Business Details

With the Business Add-In (BAdI) *Extensibility of Templates in Maintenance Request/Notification* (`EAM_LTXT_TML_MAINT_NOTIF`), you can now access an additional notification long text template in the *Create Maintenance Request* and *Perform Maintenance Jobs* apps, designed to guide you through the initiation or closeout phase by prompting key questions that help ensure all initial or final maintenance details are accurately and completely documented.

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	BAdI: EAM_LTXT_TML_MAINT_NOTIF
Application Component	PM-FIO (*Fiori UI for Plant Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

3.1.18 BAdI: Customer Check for Save Event

Business Details

With the BAdI *Customer Check for Save Event* (EAM_ORDER_CHECK_SAVE_EVENT), you can validate the details of a maintenance order according to the parameters specified by you while saving a maintenance order.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: EAM_ORDER_CHECK_SAVE_EVENT
Application Component	PM-WOC-MO (*Maintenance Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

3.1.19 BAdI: Determination of WBS Element

Business Details

With the Business Add-In (BAdI) *Determination of WBS Element* (EAM_ORDER_WBS_EL_DETRM), it is now possible to make your own determination of the work breakdown structure (WBS) element. The BAdI simply returns the WBS element which is validated.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: EAM_ORDER_WBS_EL_DETRM
Application Component	PM-WOC-MO (*Maintenance Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

3.1.20 BAdI: Determine Tax Jurisdiction Code

Business Details

With the Business Add-In (BAdI) *Determine Tax Jurisdiction Code* (EAM_ORDER_DETRM_TXJCD), you can update and propose tax jurisdiction code in a maintenance order. This field is shown only when the company code has been defined to manage the tax jurisdiction.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: EAM_ORDER_DETRM_TXJCD
Application Component	PM-WOC-MO (*Maintenance Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

3.1.21 BAdI: Evaluation of Maintenance Order Component Data

Business Details

With the Business Add-In (BAdI) *Evaluation of Maintenance Order Component Data* (`EAM_EVALUATE_ORDER_COMP_DETAIL`), you can carry out an extended material check. The BAdI is then processed every time you create or change a material component. You have the option of sending a warning, information, or error message.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: `EAM_EVALUATE_ORDER_COMP_DETAIL`
Application Component	`PM-WOC-MO` (*Maintenance Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

3.1.22 BAdI: Addition of Email Recipients for Work Packs

Business Details

With the Business Add-In (BAdI) *Addition of Email Recipients* (`APOC_ADD_EMAIL_RECIPIENTS`), you can create an email distribution list. You can enable the sending of output to multiple email recipients by implementing custom logic for this BAdI with the filter `MAINTENANCE_JOB_PACKAGE` in the *Custom Logic* app.

The steps for creating custom logic and defining output types are as follows:

1. In the Custom Logic app, create an implementation for the BAdI *BAdI: Addition of Email Recipients* (`APOC_ADD_EMAIL_RECIPIENTS`).
   Define email recipients through the custom distribution list.
2. Choose *Output Request Item* as the business context and select the above BAdI as the extension point.
3. Enter `MAINTENANCE_JOB_PACKAGE` as the filter value, provide an implementation description and ID.

4. Write your custom logic and publish the implementation.
5. Go to the app *Output Parameter Determination*.
6. Select email recipient as the determination step.
7. Select an output type and an email type code.
8. In the *Email Address* column, right-click and choose *Select Expression*.
9. In the search criteria, enter `OPD_APOC_SYSTEM` as the application name and select the object **Add email recipients from custom logic**.
10. Save and activate the output parameter determination settings. If no recipient is determined then the output is sent to the respective channel server.

Any work pack that you create in the *Find Maintenance Order* (`F2175`) app or the *Find Maintenance Order and Operation* (`F2173`) app acquires the email recipients defined for the output type in the *Output Parameter Determination* app.

In the *Manage Work Packs* (`F6065`) app, select a work pack and then, select a job pack with output type for which the custom logic was implemented. You will see the defined email recipients defined in the custom logic and the output will be delivered to these email recipients.

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 FPS01

Related Information

How to Add Additional Email Recipients for Maintenance Job Package Using Custom Logic

3.1.23 BAdI: Field Control for Maintenance Notification

Business Details

The BAdI *Field Control for Maintenance Notification* (`EAM_NOTIFICATION_FIELD_CONTROL`) now has a new parameter for the failure effect. This BAdI also allows you to perform validations for these actions:

- Accept
- Reject
- Action Required

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App: F4072 F1511A F4513 F5797 F2071
Application Component	`PM-WOC-MN` (*Maintenance Notifications*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Create Maintenance Request
My Maintenance Requests
Screen Maintenance Requests
Find Maintenance Notification
Display Maintenance Notifications

3.1.24 Extensibility for Maintenance Planning Buckets

Business Details

You can now extend the *Manage Maintenance Planning Buckets (New Version)* app (`F3888A`) with custom scope attributes and cross-app navigation links.

The following additional extensibility options are available:

- You can now expand the set of scope attributes available in the standard by adding additional standard fields and custom fields.
- You can now display custom cross-app navigation links for maintenance orders and notifications in the *Execution Objects* table of event-based planning buckets using the Business Add-In (BAdI) *Cross-App Navigation Control for Fiori Applications* (`EAM_CROSS_APP_NAV_CONTROL`). When you create an implementation for this app, the new *Open In* quick action becomes available in the table toolbar. 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. The BAdI is available for key user extensibility in the *Custom Logic* app.

Implementation Details

Customizing

To define custom scope attributes, perform the following steps:

1. Specify the additional standard or custom field in Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Maintenance Planning Buckets* > *Determine Scope Attributes for Planning Buckets*.
2. Use the new BAdI *Display of Custom Scope Attributes in Planning Bucket* (`ASM_PLNGBCKT_ADD_SCP_ATTR_VAL`) to display the corresponding field labels in the app. The BAdI is available for developer extensibility in ADT (ABAP Development Tools) and in Customizing for *Plant Maintenance and Customer Service* under *System Enhancements and Data Transfer* > *Business Add-Ins*.

Technical Details

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

Technical Object Name	BAdI: ASM_PLNGBCKT_ADD_SCP_ATTR_VAL EAM_CROSS_APP_NAV_CONTROL 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 FPS01

Related Information

Manage Maintenance Planning Buckets (New Version)

3.1.25 Authorization Object - Draft Technical Object Structure

Business Details

The authorization object *Authorization for Draft Technical Object Structure* (I_DRTOS) allows you to decide who can view, create, or change a draft technical object structure.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Authorization Object: I_DRTOS
Application Component	PM-EQM-RS (*Reference Structures*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS01

Related Information

Manage Technical Object Structures

3.1.26 Authorization Object - Reference Structure

Business Details

The authorization object *Authorization for Reference Structure* (`I_REFSTRUC`) allows you to decide who can view, create, or change a reference structure.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Authorization Object: `I_REFSTRUC`
Application Component	`PM-EQM-RS` (*Reference Structures*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Reference Structures

3.1.27 Authorization Object - Reference Equipment

Business Details

The authorization object *Authorization for Reference Equipment* (`I_REFEQ`) allows you to decide who can view, create, or change the reference equipment.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Authorization Object: `I_REFEQ`
Application Component	`PM-EQM-EQ` (*Equipment*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Reference Equipment

3.1.28 Authorization Object - Task Planning Design

Business Details

With the authorization object *Task Planning Design* (`I_TPMDSGN`), you can control access to view, create, and change task planning designs while using the OData API *Task Planning Design* (`API_TASKPLANNINGDESIGN`).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Authorization Object: `I_TPMDSGN`
Application Component	`PM-WOC-MO-CUM` (*Compatible Units Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

3.1.29 Authorization Object - Task Planning Element

Business Details

With the authorization object *Task Planning Element* (`I_TPMTPE`), you can control access to view, create, and change task planning elements while using the OData API *Task Planning Element* (`API_TASKPLANNINGELEMENT`).

The field ACTVT (Activity) defines the type of activity or action a user is permitted to perform. Users can use the activity codes to control the following activities:

- 01 - Create or generate task planning elements
- 02 - Change existing task planning elements
- 03 - Display task planning elements
- F4 - Display task planning elements in the value help

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Authorization object: `I_TPMTPE`
Application Component	`PM-WOC-MO-CUM` (*Compatible Units Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

3.1.30 Authorization Object - Construction Measure

Business Details

With the authorization object *Construction Measure* (`I_TPMCM`), you can control access to view, create, and change construction measures while using the OData API *Construction Measure* (`API_CONSTRUCTIONMEASURE`).

The field ACTVT (Activity) defines the type of activity or action a user is permitted to perform. Users can use the activity codes to control the following activities:

- 01 - Create or generate construction measures
- 02 - Change existing construction measures
- 03 - Display construction measures
- F4 - View construction measures in the value help

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Authorization object: `I_TPMCM`
Application Component	`PM-WOC-MO-CUM` (*Compatible Units Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

3.1.31 Authorization Object - Compatible Unit Design

Business Details

With the authorization object *Compatible Unit Design* (`/CUM/DSGN`), you can now decide who can assign a compatible unit design to a maintenance order in the *Create Maintenance Order* app and the *Change Maintenance Order* app (`W0017`).

The field *Activity* (`ACTVT`) defines the type of activity or action a user is permitted to perform. Users can use the activity codes to control the following activities:

- 78 – Assign compatible unit design to a maintenance order
- F4 - Display compatible unit designs in value help

A company may use the authorization object `/CUM/DSGN` to restrict activity permissions for users managing compatible unit designs. For instance:

A user with the activity code 78 can assign a compatible unit design to a maintenance order.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Authorization Object: `/CUM/DSGN`
Application Component	`PM-WOC-MO-CUM` (*Compatible Units Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Process Maintenance Order
Assigning a Compatible Unit Design to a Maintenance Order

3.1.32 Manage Reference Equipment App

Business Details

With the *Manage Reference Equipment* (`F8304`) app, you can create and update a reference equipment. You can create or update equipment using a reference equipment as a template. You can also deactivate a reference equipment or mark it for deletion. Before a reference equipment is released, it can be deleted. But, once it is released, it can only be marked for deletion.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8304`
Application Component	`PM-EQM-EQ` (*Equipment*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Reference Equipment

3.1.33 Manage Reference Structures App

Business Details

With the *Manage Reference Structures* (`F8311`) app, you can create, edit, and manage reference structures. You can maintain the dates between which the reference structure and the structure elements are valid. You can also maintain variants of a structure element to use it as an alternative for the structure element. The description of a reference structure can be maintained in multiple languages.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8311`
Application Component	`PM-EQM-RS` (*Reference Structures*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Reference Structures

3.1.34 Manage Technical Object Structures App

Business Details

With the *Manage Technical Object Structures* (`F8669`) app, you can view and manage hierarchical structures. You can create technical object structures using an existing reference structure as a template. When all the objects in the draft technical object structure are created, you can generate a technical object structure. You can also edit and delete elements of the draft technical object structure or the entire draft technical object structure.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID: `F8669`
Application Component	`PM-EQM-RS` (*Reference Structures*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Technical Object Structures

3.1.35 Manage Industrial Systems App

Business Details

With the *Manage Industrial Systems* (`F8656`) app, you can view the list of industrial systems. You can create, edit, and manage industrial systems efficiently. This app offers robust features for status management and organizational attribute handling.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	App ID: `F8656`
Application Component	`PM-EQM-SYS` (*Asset Structures by System*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Industrial Systems

3.1.36 Manage Reference Designator Libraries App

Business Details

With the *Manage Reference Designator Libraries* (`F8032`) app, you can view the list of reference designator libraries. You can create, edit, and manage reference designator libraries efficiently. The app provides comprehensive validation and determination features. These features help you ensure compliance with ISO standards, prevent duplicate entries, and enhance productivity and accuracy when managing designator libraries.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	App ID: `F8032`
Application Component	`PM-EQM-SYS` (*Asset Structures by System*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Reference Designator Libraries

3.1.37 Manage Isolation Certificates App

Business Details

With the *Manage Isolation Certificates* app (F8504), you can create isolation certificates from scratch or by using templates that were previously defined in the *Manage Isolation Certificate Templates* app (F8505). By using the templates, you streamline the setup of Lockout/Tagout (LOTO) procedures for complex technical system structures and ensure that no critical safety protocols are overlooked during certificate creation.

As part of preparing the certificate, you can do the following:

- Add items that must be isolated to carry out the required lockout/tagout procedure.
- Move each Item through its respective operational cycle based on defined cycles.
- Add affected technical objects in the object list.
- Add associated work permits to the isolation certificate.
- Add the approval types to the certificate.
- Include partner personnel and stakeholders involved.
- Attach relevant documents to the certificate for reference and compliance purposes.

Implementation Details

Authorizations

Users must be assigned the appropriate business roles to access the tiles on the launchpad, and the relevant authorization objects to create, manage, and display an isolation certificate. Additional authorization objects are required to process items. For more information, see Authorization Objects and Business Roles.

Customizing

You can configure the settings for isolation certificate and isolation certificate template in Customizing for *Plant Maintenance and Customer Service* under *Work Clearance Management* > *Permit to Work* > *Isolation Certificates*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8504`

Application Component	`PM-WCM` (*Work Clearance Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Working with Isolation Certificates

3.1.38 Manage Isolation Certificate Templates App

Business Details

With the *Manage Isolation Certificate Templates* app (F8505), you can create reusable templates for complex technical system structures. The app serves as a centralized library of references for creating isolation certificates, helping streamline the certificate setup process and ensuring that no critical safety protocols are overlooked.

As part of preparing the template, you can do the following:

- Add items that must be isolated to carry out the required lockout/tagout procedure.
- Add affected technical objects in the object list.
- Add associated work permit templates to the isolation certificate template.
- Add the approval types to the isolation certificate template.
- Include partner personnel and stakeholders involved.
- Attach relevant documents to the certificate for reference and compliance purposes.

Implementation Details

Authorizations

Users must be assigned the appropriate business roles to access the tiles on the launchpad, and the relevant authorization objects to create, manage, and display an isolation certificate. For more information, see Authorization Objects and Business Roles.

Customizing

You can configure the settings for isolation certificate and isolation certificate template in Customizing for *Plant Maintenance and Customer Service* under *Work Clearance Management* > *Permit to Work* > *Isolation Certificates*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8505`
Application Component	`PM-WCM` (*Work Clearance Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Working with Isolation Certificate Templates

3.1.39 Enhancements for Permit to Work Objects

Business Details

New Fiori tiles are now available for accessing the *Generate Permit to Work Objects* app (`F9005`) and the *Manage Determination of Permit Template* (SAP GUI transaction `PTWDTMNTMPL`). While these features were previously available only through SAP GUI transactions, they can now be accessed directly from the Fiori launchpad, providing a more seamless and efficient user experience.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F9005`
	`PTWDTMNTMPL`

Application Component	`PM-WCM` (*Work Clearance Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Mass Generation of Permit to Work Objects
Automatic Template Determination

3.1.40 Filter by Plan Description in the Manage Maintenance Plans App

Business Details

With this feature, you can filter maintenance plans based on the description of the maintenance plan in the *Manage Maintenance Plans* app.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4HI (Proactive Maintenance) BJ2 (Preventive Maintenance)
Technical Object Name	App ID: `F5325`
Application Component	`PM-PRM-MP` (*Maintenance Plans*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS01

Related Information

Manage Maintenance Plans

3.1.41 Enhancements for Screen Maintenance Requests and My Maintenance Requests Apps

Business Details

The new flexible column layout has been added to the *Screen Maintenance Requests* app and the *My Maintenance Requests* app. Also, in the *Screen Maintenance Requests* app, you can now perform quick action *Change Scheduling*.

Changes to the User Interface

This release introduces a new flexible column layout that makes navigation faster and more intuitive. The flexible column layout allows you to see more details on a page, and to expand and collapse the screen areas, depending on your requirements. Instead of switching between the list and a separate full-page detailed view, you can now browse requests on the left side of the screen while viewing their details on the right.

Technical Details

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

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

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

Related Information

Screen Maintenance Requests
My Maintenance Requests

3.1.42 Enhancements for Manage Maintenance Orders App

Business Details

New features are available in the *Manage Maintenance Orders* app (`F5241`). For example, you can now add individual operations from one or more task lists, copy components and services from an external catalog, or specify a technical object directly in the initial dialog box when creating a maintenance order. You can also perform mass changes of order header details or visualize the internal work and status of procurement activities for an entire order by means of new charts in the order header section.

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

Creating and Editing Orders

- The separate buttons for creating an order and for creating an order from reference have been combined into a single *Create* menu button, which opens a dropdown list with both options.
- When you create a new order, you can now specify the technical object directly in the initial dialog box.
- The new *Edit* button in the list view of the app allows you to change header details like the description, priority, main work center, or reference object in one or more selected orders using a mass change. You can save or simulate your changes in the background, or save the changes immediately.

Planning Operations and Resources

- You can add individual operations from one or more task lists to a maintenance order. Previously, you could only assign complete task lists with all operations. If you have selected the option *Include task list only once completely* in your user default values for the transfer of task lists, the system prevents the assignment of operations that were previously added to the order. This setting is available in the *Personalization* app (transaction `EAM_USER`).
- You can now copy components and services from external catalogs. When you open an order in edit mode, the new button *Add from Catalog* is available for this purpose on the *Components* and *Services* tabs of the *Resources* section. For information about the required Customizing settings, refer to the *Implementation Details* below.
- The value help of the *Material Group* field of external operations, components, and services now includes an additional view that allows you to select the material group from a hierarchical list. The new view displays the material group hierarchies that have been defined for the relevant order type and planning plant in Customizing. Previously, the value help in this app only provided a single view with a flat list of all available material groups. For information about the required Customizing settings, refer to the *Implementation Details* below.

- You can now create scoping orders to collect additional information while planning a maintenance order. Scoping orders allow you to delegate information-gathering activities to a technician, who may visit the site or perform remote analysis as needed and record the effort spent on this task. For more information, see Scoping for Maintenance Orders [page 94].

Viewing Order Details

- The new *Internal Work* chart in the header section of the order detail page compares the planned and actual work for all internal operations, helping you monitor total effort at a glance. Bar colors indicate whether the actual work is currently equal to, lower than, or higher than the planned work. Previously, this chart was only available at operation level.
- The new *Procurement Activities* chart in the header section of the order detail page provides a quick overview of the procurement status of all non-stock components, services, and external operations included in a maintenance order. The chart shows at a glance how many externally procured items in the order have procurement activities pending that are completed or on track for timely completion, due soon, or overdue.
- You can view the full long text of a maintenance order directly in the list view of the app. If a long text is available for an order, the system displays a button in the corresponding table column that allows you to display the long text in a popup. Previously, the full long text was only visible on the order detail page.
- If you have disabled the automatic determination of planned costs and overhead costs using the Business Add-In *BAdI: Cost Determination Status* (`EAM_COST_DETERMINATION_STATUS`), you can now view the cost determination status of an order on the *Order Scope* tab in this app. Previously, this information was only displayed in the relevant SAP GUI transactions and in the *Change Maintenance Order* and *Display Maintenance Order* app.

Inspection Checklists and Billable Orders

- You can now edit and perform mass changes on billable maintenance orders using the *Manage Maintenance Orders* app. For more information about updates for billable orders, see Functional Enhancements for Billable Maintenance Orders [page 99].
- Several new features are available for inspection checklists. For more information, see Enhancements for Checklists [page 97].

Implementation Details

Customizing

The following new features are dependent on Customizing settings:

- External catalogs must be configured using the *Settings for Web Services* app (`F1994`) and the relevant activities in Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Maintenance and Service Orders* > *Interface for Procurement Using Catalogs (OCI)*.
- To use the hierarchical view in the *Material Group* value help, you need to set up material groups and maintain the relevant assignments in Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Maintenance and Service Orders* > *Functions and Settings for Order Types* > *Define Material Group Assignment*. Note that this Customizing activity is only available if you have activated the business function *Simplified Management of EAM Functions 19* (`LOG_EAM_SIMPLICITY_19`).

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 FPS01

Related Information

Manage Maintenance Orders
Working with the Order List View
Creating a Maintenance Order
Working with Task Lists
Managing Resources in the Maintenance Order
Adding Components and Services from an External Catalog

3.1.43 Task Planning Management

Business Details

The term **Compatible Unit Management** has been changed to **Task Planning Management** to emphasize that the compatible unit functionality will be enhanced to serve not only the utility industry but also other sectors. The terms in the existing applications have not been changed.

The new APIs use the following new terms:

- Compatible Unit has changed to Task Planning Element
- Compatible Unit Design has changed to Task Planning Design
- Compatible Unit Instance has changed to Task Planning Element Assignment

- Virtual Compatible Unit has changed to Structure Element

The new APIs are as follows:

- Task Planning Element (API_TaskPlanningElement)
- Task Planning Design (API_TaskPlanningDesign)
- Construction Measure (API_ConstructionMeasure)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PM-WOC-MO-CUM` (*Compatible Units Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Task Planning Management
Task Planning Design
Task Planning Element
Construction Measure

3.1.44 Assign Compatible Unit Design to a Maintenance Order

Business Details

With the authorization object *Compatible Unit Design* (`/CUM/DSGN`), you can now decide who can assign a compatible unit design to a maintenance order in the *Create Maintenance Order* app and the *Change Maintenance Order* app (`W0017`).

The field *Activity* (`ACTVT`) defines the type of activity or action a user is permitted to perform. Users can use the activity codes to control the following activities:

- 78 – Assign compatible unit design to a maintenance order
- F4 - Display compatible unit designs in value help

A company may use the authorization object `/CUM/DSGN` to restrict activity permissions for users managing compatible unit designs. For instance:

A user with the activity code 78 can assign a compatible unit design to a maintenance order.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `W0017`
Application Component	`PM-WOC-MO-CUM` (*Compatible Units Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Process Maintenance Order
Assigning a Compatible Unit Design to a Maintenance Order

3.1.45 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`). For example, you can now define user statuses for event-based planning buckets, freely specify a main work center for the administrative order of a maintenance event, or adapt the app to your requirements with additional extensibility options.

The following features are now available:

- You can extend the control of event-based planning buckets beyond the standard system statuses by means of custom user statuses. For example, you can prevent users from setting specific system statuses. All user statuses defined for a specific maintenance event type and planning plant appear in the corresponding sections on the *Status* tab page of an event-based planning bucket. Users with the required authorization can activate or deactivate user statuses if the planning bucket is open in display mode and the change is allowed by the defined sequence.

- The steps to create a maintenance event have been simplified. You now specify the maintenance event type directly on the *Event Planning and Execution Objects* tab. Previously, you had to open a separate popup. If you choose a maintenance event type for which an administrative maintenance order will be created, you must additionally specify a main work center. The value you choose does not have to match the planning bucket scope. To prevent the creation and release of event-based planning buckets that don't contain a maintenance event, you can't save an event-based planning bucket without these details.
- Notifications can now be assigned to a maintenance event even if they are still in the *Screening* phase and therefore haven't been accepted. If the notifications are still in this phase when you release the planning bucket, the system displays a warning message.
- You can now define the following additional fields as scope attributes for your maintenance planning buckets in Customizing:
  - System Condition
  - ABC Indicator
  - Object Type
  - Sold-to Party (only relevant for billable maintenance orders)
  - Processing Context
- The value helps of relevant scope attributes have been enhanced with an additional table column for the maintenance plant. This ensures a precise selection of values that are associated with a specific plant. Previously, you had to enter a maintenance plant in the *Basic Data* section of the planning bucket to prefilter the values of the relevant scope attributes. As this is no longer necessary, the *Maintenance Plant* field has been removed from the user interface.
- Additional extensibility options are available to adapt the app to your requirements. For example, instead of the static link to the *Scheduling Board* that was previously displayed above the *Execution Objects* table of event-based planning buckets, you can now display custom cross-app navigation links according to your requirements. You can also define custom scope attributes. For more information, see Extensibility for Maintenance Planning Buckets [page 62].

Implementation Details

Customizing

The following activities in Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Maintenance Planning Buckets* have been enhanced to support the new features:

- The new Customizing activity *Define User Statuses for Maintenance Events* allows you to create one or more status profiles with user statuses for planning buckets and assign the status profiles to the appropriate maintenance event types.
- The value help of the *Attribute ID* field in the Customizing activity *Determine Scope Attributes for Planning Buckets* has been enhanced with additional fields that you can define as scope attributes.

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 FPS01

Related Information

Manage Maintenance Planning Buckets (New Version)
Status Management for Planning Buckets

3.1.46 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* > *Perform Maintenance Jobs* > *Define Control Parameters for Perform Maintenance Jobs*. With these settings, you can do the following:
    - You can now choose which user is displayed by default in the *Employee* field of the *Record Time* dialog during time confirmation.
    - Allow technicians to record the completion percentage of physical work in the *Record Time* dialog during time confirmation.
    - Allow technicians to add a pause reason when pausing a maintenance job. The reason can be optional or mandatory based on configuration. Technicians can also be redirected to time recording from the *Pause Work* dialog. The last used pause reason and its history can be viewed on the object page.

- A new *Template* drop-down has been added, allowing technicians to select a long text template when entering notification details during the closeout phase. For more information, see BAdI: Extensibility of Templates in Maintenance Request and Notification Processing [page 56]
- Allow technicians to create ad-hoc maintenance requests using the new processing context *Confirmation of Unplanned Work* in the list page of *Perform Maintenance Jobs* app, with automatic order release and navigation to the object page. For more information, see Confirmation of Unplanned Work [page 95].
- You can now access a new *Object List* tab to view all technical objects associated with maintenance order, including their linkage to the relevant operations. Select any object list item and use *Set Processing Indicator* to mark its processing status.
- Allow technicians to post goods movements for materials that are batch-handled, removing previous restrictions on batch-based movements. A new *Batch* column is added in both the *Planned Components* and *Unplanned Components* section to display the batch number. Additionally, a new *Batch* field with value help is introduced in the post dialog for both *Planned Components* and *Unplanned Components*.
- Allow technicians to easily identify which planned materials are managed by Extended Warehouse Management (EWM). Goods movements are allowed only for inventory-managed materials at the plant and storage location level. For EWM-managed materials, posting goods movements is restricted, ensuring compliance with warehouse processes and preventing unauthorized actions.
- Allow technicians to use value help for serial numbers when posting goods movements for materials that are serial-number managed.

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 FPS01

Related Information

Perform Maintenance Jobs

3.1.47 Enhancements for Partner Inheritance

Business Details

You can now inherit partner data when you create technical objects using the migration objects for equipment and functional locations. The system inherits partner data from superior objects if the prerequisites for partner inheritance are met.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	Not applicable
Application Component	`PM` (*Plant Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Partner Inheritance
PM - Equipment
PM - Functional location

3.1.48 Maintenance Plan Status

Business Details

You can now view the status of a maintenance plan associated with a maintenance item in the *Manage Maintenance Items* (`F5356`) app and the *Find Technical Object* (`F2072`) app. Additionally, you can filter and search for maintenance plans based on their status.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F5356 F2072
Application Component	PM (*Plant Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Maintenance Items
Process Technical Object

3.1.49 Maintenance Activity Type in Maintenance Task List

Business Details

You can now maintain the maintenance activity type of a task list operation or suboperation while creating a maintenance task list using the Web Dynpro apps *Create Task List*, *Change Task List* (W0021) and the OData API *Maintenance Task List* (API_MAINTENANCETASKLIST) if the maintenance task list belongs to the category **General Task List (A)**, **Equipment Task List (E)**, or **Functional Location Task List (T)**. You can also maintain the maintenance activity type in the SAP GUI for HTML transaction apps *Create FunctLoc Task List* (IA11), *Change FunctLoc Task List* (IA12), *Create Equipment Task List* (IA01), *Change Equipment Task List* (IA02), *Create General Task List* (IA05), and *Change General Maintenance Task List* (IA06).

When you create a maintenance order using a maintenance task list, the maintenance activity type defined in the task list is automatically applied to the corresponding field in the operation or suboperation of the maintenance order. However, this value can be modified during the creation of the maintenance order.

This enhancement improves data accuracy, minimizes errors, and reduces operational risk. By specifying maintenance activity types at the level of the task list, you can facilitate more efficient planning of maintenance activities. This also contributes to the reduction of maintenance costs.

You can view the maintenance activity type for a task list operation or suboperation in the *Find Maintenance Task List* app (F2660) and the *Find Maintenance Task List and Operation* app (F2661). You can also view it in the SAP GUI for HTML apps *Display FunctLoc Task List* (`IA13`), *Display Equipment Task List* (`IA03`), and *Display General Task List* (`IA07`).

You do not need to enable **Operation Account Assignment** business function to view the maintenance activity type in the maintenance task list.

Technical Details

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

Technical Object Name	App:
	`F2661`
	`F2660`
	`W0021`
	`IA01`
	`IA02`
	`IA03`
	`IA05`
	`IA06`
	`IA07`
	`IA11`
	`IA12`
	`IA13`
	API:
	`API_MAINTENANCETASKLIST`

Application Component	`PM-PRM-TL` (*Maintenance Task Lists*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Find Maintenance Task List

Find Maintenance Task List and Operation
Process Task List
Maintenance Task List

3.1.50 Maintenance Activity Type in Maintenance Requests

Business Details

You can now add a maintenance activity type for a maintenance request in *Create Maintenance Request* app (`F1511A`), *Screen Maintenance Requests* app (`F4072`), *My Maintenance Requests* app (`F4513`), *Display Maintenance Notifications* app (`F5797`), and *Find Maintenance Notification* app (`F2071`). To do so, go to the app, choose your profile icon, and choose *Adapt UI*. In the *UI Adaptation* section of the screen, select the new field and add it.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App:
	`F4072`
	`F1511A`
	`F4513`
	`F5797`
	`F2071`

Application Component	`PM-WOC-MN` (*Maintenance Notifications*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Create Maintenance Request
My Maintenance Requests
Screen Maintenance Requests

Find Maintenance Notification
Display Maintenance Notifications

3.1.51 Assignment of Maintenance Notifications to Maintenance Events

Business Details

With this feature, when you assign a maintenance event to a maintenance request, a pop-up lets you choose whether to copy the required start and end dates from the maintenance event or the maintenance notification.

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 FPS01

Related Information

Assigning Orders and Notifications to a Maintenance Event

3.1.52 History of Changes in Maintenance Request

Business Details

You can now view the history of changes made to consequences, consequence categories, and likelihoods for a maintenance request in *Screen Maintenance Requests* app (`F4072`), *My Maintenance Requests* app (`F4513`), *Display Maintenance Notifications* app (`F5797`), and *Find Maintenance Notification* app (`F2071`).

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App: F4072 F4513 F5797 F2071
Application Component	`PM-WOC-MN` (*Maintenance Notifications*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

My Maintenance Requests
Screen Maintenance Requests
Find Maintenance Notification
Display Maintenance Notifications

3.1.53 Email Templates for Maintenance Orders

Business Details

New email notification templates are now available for maintenance orders.

The following email templates are now available:

- `EAM_MAINT_ORD_NOTIF_AR_DFLT_TP` - With this email template, users receive an email notification when multiple activity reports are created.
- `EAM_MAINT_ORD_NOTIF_BD_DFLT_TP` - With this email template, users receive an email notification when multiple breakdown reports are created.
- `EAM_MAINT_ORD_NOTIF_NO_DFLT_TP` - With this email template, users receive an email notification when multiple notification overviews are created.

With the administrator's role, you can now customize the predefined email templates using the *Maintain Email Templates* app.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F5241`
Application Component	`PM-WOC-MO-PRI` (*Print, Fax, Paging*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Schedule Output for Maintenance Orders
Output Management for Maintenance Orders
Maintenance Order

3.1.54 Reusing Phase Control Codes

Business Details

With this feature, you can reuse the same set of phase control codes in different order types.

Phase control codes are used in phase-enabled order types to control the movement of orders and operations from one subphase to another subphase. You configure phase control codes in Customizing and group them in status profiles that you assign to an order type. If you need the same set of phase control codes in more than one order type, you can now assign the corresponding status profile to multiple order types. In this case, the entire phase control configuration you create for one order type becomes available in another order type.

Implementation Details

Customizing

To reuse a set of phase control codes, perform the following steps in the relevant activities in Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing*:

Step	Customizing Activity
Make sure that the order types have the same overall status profile.	*Configure Overall Status Profiles*
Identify the status profile that contains the phase control codes you want to reuse.	*Define Phase Control Code for Maintenance Orders*
Assign the status profile that contains the phase control codes to the order header or operation level of another order type.	*Define Status Profile*
Create a new entry for the additional order type and entity.	*Define Phase Control Code for Maintenance Orders*

The documentation for the Customizing activity *Define Phase Control Code for Maintenance Orders* provides detailed instructions on reusing phase control codes.

Technical Details

Type	Changed
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 FPS01

Related Information

Configuring Phase Control Codes

3.1.55 Scoping for Maintenance Orders

Business Details

If you need additional information while planning a maintenance order, you can now create dedicated scoping orders in the *Manage Maintenance Orders* app. Scoping orders allow you to delegate the required information-gathering activities to a technician who may visit the site or perform remote analysis as needed and record the effort spent on this task.

To create a scoping order, you add an operation with the execution stage SCOPE to the order you are planning. Once you save the order, the system generates a scoping order for this operation. The scoping order is linked to the operation in the same way as a follow-on order. You then plan, release, and dispatch the scoping order for execution. The responsible technician gathers the required information and communicates the findings to you. You update the main order with the relevant information. The technician posts a final time confirmation for the scoping tasks. Once the scoping order has been marked as technically completed, you can continue to process the main order according to the order type.

The scoping process sets the following new system statuses in the main order to indicate the progress of the scoping tasks:

- *SCOS* (*Scoping Outstanding*): This system status is set when at least one scoping order has been created.
- *SCPR* (*Scoping in Process*): This system status is set when at least one scoping order has been released.
- *SCCO* (*Scoping Completed*): This system status is set when all scoping orders have either been technically completed or marked as *Do Not Execute*.

These system statuses prevent you from completing the order planning until all scoping tasks are performed and allow you to monitor the scoping process from within the main order.

Implementation Details

To use the scoping process, you must activate the business function *Scoping for Maintenance Orders* (`ASM_FIELDSCOPING`) and use the *Manage Maintenance Orders* app (`F5241`).

The scoping process is available for both phase-enabled and non-phase-enabled order types. You can create scoping orders for all order types that don't require a notification for order creation.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PM-WOC-MO` (*Maintenance Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Scoping for Maintenance Orders
Manage Maintenance Orders

3.1.56 Confirmation of Unplanned Work

Business Details

With this feature, you can record confirmations for maintenance activities that have already been completed on-site after an ad-hoc repair. It provides an all-in-one function to manage the entire maintenance activity in a single process, from creating the maintenance request to confirming the job. This feature is designed for situations where immediate corrective action is required due to an unexpected machine or system breakdown.

A new processing context, *Confirmation of Unplanned Work*, has been introduced to capture confirmations for jobs that have already been executed. This enables you to log essential details after immediate repairs for machine or system breakdowns. This approach helps reduce downtime by allowing quick repairs first and recording the confirmation later, ensuring compliance and traceability for unexpected equipment failures.

You have two options to start the process for *Confirmation of Unplanned Work*:

- From the *Perform Maintenance Jobs* app (F5104A): When you select *Confirmation of Unplanned Work* from the list page, the *Create Maintenance Request* app opens with the processing context already set and not editable. After you submit the request, you are redirected back to the job details page in the *Perform Maintenance Jobs* app.
- From *Create Maintenance Request* app (F1511A): The processing context must be selected manually. After you submit the maintenance request, it is automatically accepted and appears in the *My Maintenance Requests* app.

Implementation Details

Authorizations

Only technicians who have authorization to *IEXCP_MN* with the object processing context *UW* are allowed to use the processing context *Confirmation of Unplanned Work*, to record the confirmation details.

Customizing

The settings for confirmation of unplanned work are available in Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Completion Confirmations* > *Perform Maintenance Jobs* > *Define Control Parameters for Confirmation of Unplanned Work*.

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`
	`F1511A`

Application Component	`PM-FIO` (*Fiori UI for Plant Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Confirmation of Unplanned Work

3.1.57 Enhancements for Checklists

Business Details

We have provided a number of enhancements for checklists, such as a new Customizing node, new features in the *Manage Inspection Checklists*, *Manage Maintenance Orders*, *Find Maintenance Task List and Operation* Fiori apps, and in the WebDynpro applications *Create Task List*, *Change Task List*, and *Display Task List*, as well as the new field in the OData API *Maintenance Task List*.

The following functional enhancements for checklists are available from this release onwards:

- The new Customizing node *Inspection Checklist Process* has been created.
  - The Customizing activity *Configure Checklists for Maintenance Order Types and Planning Plants* has been moved from *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Maintenance and Service Orders* > *Functions and Settings for Order Types* to *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Inspection Checklist Process*.
  - The *Define Checklist Types* activity is added in Customizing under *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Inspection Checklist Process*.
    New column *Authorization Group* has been added to *Checklist Type* table. By using this column you can allocate a checklist type to a group which only certain users have access for processing the data.
- The new `MaintChecklistTypeAuthznGroup` property has been added to the `I_MaintenanceChecklistType` CDS view and to the *Maintenance Checklist Type* API.
- The following have been added to the *Manage Inspection Checklists* app:
  - A new action *Create Checklist Document* has been introduced on the *Inspection Lot* tab to generate a checklist report.
  - It is now possible to search and display the inspection lots based on the sort field of their technical object on the *Inspection Lot* tab and the *Inspection Characteristics* tab.
  - The following columns have been added to the *Inspection Lot* tab:
    - *Reservation item*
    - *Reservation*
    - *Lot Quantity*
    - *Component Item*
    - *Technical Object Sort Field*
    - *Number of Serial Numbers*
- The *Manage Maintenance Orders* app includes new features to plan, create, and review inspection checklists for maintenance orders. You can now do the following:
  - Specify a checklist type for an operation in the operations table and on the operation detail page.

    - Manually generate an object list using the new *Generate Objects* button in the *Notifications and Objects* section on the *Order Scope* tab. This button is only enabled when the checklist process is activated for the order.
    - Manually generate checklists for classified technical objects from the object list using the new *Generate Checklists* button on the *Checklists* tab.
    - View the message log for the object list and checklist creation by selecting *Application Logs* in the order list view.
    - Open checklists assigned to one or more operations in the *Manage Inspection Checklists* app using the corresponding button on the *Checklists* tab.
- You can now decide if a checklist process should be applied to a spare part of if an inspection lot should be created for a spare part (component) using a new field called the *Checklist Indicator*. This functionality is available in the WebDynpro applications *Create Task List*, *Change Task List*, and *Display Task List* (`W0021`). This checklist indicator is also displayed in the Fiori application *Find Maintenance Task List and Operation* (`F2661`).
  In the *Materials* tab of the application, a new column called *Checklist Indicator* is available. The *Checklist Indicator* column is shown only if the business function EAM, *Inspection Checklists* (`LOG_EAM_CHECKLIST`) is activated. For more information, see EAM, Inspection Checklists. You can select one of these options to indicate the availability of the checklist for the task list:
    - **Checklist** – An inspection checklist is created for the material component.
    - **No checklist** – Inspection checklist is not created for the material component.
- The OData API *Maintenance Task List* now includes a new field named *Maintenance Task List Checklist*. This field specifies whether a checklist process should be applied to a spare part, enabling the creation of an inspection lot when the spare part is used in a maintenance order. The possible values for this field are:
    - Blank: No inspection checklist is created for the material component.
    - X: An inspection checklist is created for the material component.
- The PDF output of checklist reports for a work pack and a maintenance order that follow the material-based checklist process now contains additional fields such as *Quantity/BUom*, *Reservation/Item*, *Material*, *Material Description*, *Sort Field*, and *Number of Serial Numbers*. This enhancement is available in SAP GUI for HTML transaction apps *Change Maintenance Order* (`IW32`) and *Checklist Results* (`IW91`), and the Fiori app *Manage Work Packs* (`F6065`). For a work pack, the output type is `CHECKLIST_REPORT,` the form template is `EAM_MJP_CHECKLIST_REPORT`, and the application object type is `MAINTENANCE_JOB_PACKAGE`. For a maintenance order, the output type is `CHECKLIST_REPORT`, form template is `PM_ORD_CHECKLIST_REPORT`, and the application object type is `MAINTENANCE_ORDER`.

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:
	`F6607`
	`F5241`
	`F2661`
	`W0021`
	`IW32`
	`IW91`
	`F6065`

Application Component	`PM-WOC-CL` (*Checklists*) `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 FPS01

Related Information

Manage Inspection Checklists
Inspection Checklists
Maintenance Checklist Type

3.1.58 Functional Enhancements for Billable Maintenance Orders

Business Details

We have provided new edit and display capabilities for billable maintenance orders.

You can now do the following to the billable maintenance orders:

- Edit billable maintenance orders in the *Manage Maintenance Orders* app.
- Edit billable maintenance orders and convert a standard maintenance order to a billable maintenance order using BAPI `BAPI_ALM_ORDER_MAINTAIN`.

- Perform *Change Scheduling* quick action for billable maintenance orders in the *Manage Maintenance Orders* app.
- Filter maintenance orders by the processing context and sold-to party of billable maintenance orders in the *Manage Maintenance Planning Buckets (New Version)* app when adding a maintenance order to a maintenance event.
- Display the chart data by sold-to party of billable maintenance orders in the *Maintenance Backlog Overview* app.
- Display the sold-to party of billable maintenance orders in the orders list view in the *Manage Maintenance Backlog* app.
- Define a different profit center in the service order and the billable maintenance order.

> ⓘ Note
>
> This is only relevant for the non-hierarchical settlement service order scenarios and quotations.

For the profit center field to be editable in the billable maintenance order, check the Customizing for *Service* > *Transactions* > *Basic Settings* > *Define Item Categories* and make sure the relevant item category is set to *No Settlement Allowed* or *Settlement Without Hierarchy Allowed* for the settlement option and *Independent of Execution Order Item* for the profit center. For more information, refer to Profit Center in Billable Maintenance Order [page 421].

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:
	`F5241`
	`F3888A`
	`F5105`
	`F4073`

Application Component	`PM-WOC-MO-BIL` (*Billable Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Mass Change for Billable Maintenance Orders [page 101]
Billable Maintenance Order
Hierarchy Settlement with Service Transactions

3.1.59 Mass Change for Billable Maintenance Orders

Business Details

You can now perform mass changes on several billable maintenance orders in the SAP GUI transactions `IW38` and `IW37N`, and the following Fiori apps for processing maintenance orders: *Find Maintenance Orders and Operations*, *Find Maintenance Orders*, *Manage Maintenance Notifications and Orders*, and *Manage Maintenance Orders*.

Technical Details

Type	New
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`

Application Component	`PM-WOC-MO-BIL` (*Billable Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Functional Enhancements for Billable Maintenance Orders [page 99]

Working with Billable Maintenance Orders in List Views

3.1.60 Support for Refurbishment Orders in Universal Parallel Accounting

Business Details

This feature enables you to process refurbishment orders in systems where Universal Parallel Accounting is active. In this scenario, refurbishment orders use event-based posting rather than traditional periodic settlement. Costs from refurbishing repairable spares, including goods issues, activity confirmations, and goods receipts, are posted in real time and reflected consistently across all ledgers and valuation views, ensuring accurate and timely financial reporting.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PM` (*Plant Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Order Processing: Refurbishment of Repairable Spares

3.1.61 Geometry Determination for Maintenance Notification and Order

Business Details

The new feature introduces a new *Context Geometry Copy* mapping table for selective geometry context copying and enhances geometry determination for maintenance notifications and orders. The geometry copy process is contingent on entries in this table. If no entry is found, the system uses default mapping.

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 FPS01

Related Information

Manage Geometries: Overview

3.1.62 SAP Geo Framework: Secondary Object Key

Business Details

An optional secondary business object key has been introduced: `GEF_OBJKEY2`. The `GEF_OBJKEY2` value is now utilized as the key for subitems of major objects, allowing for better categorization and separation of objects from their sub-objects. This enhancement facilitates more precise geometry operations within the framework, improving organization and management of complex data structures.

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 FPS01

Related Information

Geographical Enablement Framework

3.1.63 SAP Geo Framework: Enhancements to BC Sets for Business Partner

Business Details

BC sets for business partner were enhanced so that new customers setting up the Geographical Enablement Framework could get a comprehensive overview of the capabilities of SAP Geo Framework. Due to the complexity of the configuration, new BC sets have been created to showcase a default setup for the framework which can be used for easier understanding of the customization options and their relations to each other.

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 FPS01

Related Information

System Settings

3.2 Resource Scheduling

3.2.1 Multiple Apps: Replanning for Operations in Process

Business Details

Rescheduling and reassignment is possible for operations with the processing status **In Process**. This was previously only possible for operations with the processing status **Due** or **Dispatched**.

For operations with the processing status **In Process**, maintenance planners can reschedule the operations using different times or work centers. You can also reassign the operations to another person or to other people who should carry out the work.

The *Info* column was removed in the *Manage Work Center Utilization* app and the *Maintenance Scheduling Board* app.

In addition, for operations in processing status **In Process**, the key user can configure how the work is distributed during utilization calculation and which date is used for the start of the distribution. See Configuration for Utilization Calculation [page 106].

Technical Details

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

Technical Object Name	App IDs:
	`F2222`
	`F2603`
	`F4577`

Application Component	`CA-RSH-EAM` (*Resource Scheduling for Enterprise Asset Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Moving Order Operations to Another Date or Work Center
Assigning Individuals to Operations
Configuration for Utilization Calculation [page 106]

3.2.2 Configuration for Utilization Calculation

Business Details

For operations with the processing status **In Process**, the key user can configure how the work is distributed during utilization calculation and which date is used for the start of the distribution.

In the standard configuration, the total planned work is distributed based on planned start and end dates for operations with the processing status **Due**, **Dispatched**, or **In Process**. For operations with the processing status **In Process**, the key user can configure the application so that the remaining work is distributed instead of the total planned work. In an additional setting, the key user defines whether the **start of the current day** is used to distribute the work **instead of the planned start date**. In cases where the start date is after the current date, the start date is still used. In cases where the end date is in the past, the operation needs to be rescheduled.

Implementation Details

Additional settings are available in for key users to define the following:

- Whether scheduling should consider the remaining work
- Which date should be used when distributing the work

These setting do not affect operations with the processing status **Due** or **Dispatched**.

Customizing

You can make the settings in Customizing for *Plant Maintenance and Customer Service* > *Maintenance and Service Processing* > *Resource Scheduling* > *Make Settings for Resource Scheduling*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	43R (Maintenance Resource Scheduling)
Technical Object Name	App ID: F2222
Application Component	CA-RSH-EAM (*Resource Scheduling for Enterprise Asset Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Information for Key Users
Distribution of Capacity Load

3.2.3 BAdIs for Configuring the Scheduling Logic for the Manage Schedules App

Business Details

Three Business Add-Ins (BAdIs) are available allowing developers to configure the logic used for automatic and manual scheduling with the **Manage Schedules** app.

The following BAdIs are available:

- **Scheduling Logic Rules** (**BADI_RSH_LEVELING_RULES**)
  You can use this BAdI to influence certain rules used during scheduling.
- **Scheduling Logic Sequence** (**BADI_RSH_LEVELING_SEQUENCING**)
  You can use this BAdI to influence the sequence in which operations are processed during scheduling.

- **Scheduling Strategy** (**BADI_RSH_LEVELING_STRATEGY**)
  You can use this BAdI to replace the standard algorithm for scheduling operations with your own algorithm. When implementing your own algorithm, the other two BAdIs may no longer be relevant.

Implementation Details

The BAdIs are available for developer extensibility.

Technical Details

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

Technical Object Name	BAdI:
	`BADI_RSH_LEVELING_RULES`
	`BADI_RSH_LEVELING_SEQUENCING`
	`BADI_RSH_LEVELING_STRATEGY`
	App ID:
	F3326

Application Component	`CA-RSH-EAM` (*Resource Scheduling for Enterprise Asset Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

App Extensibility: Manage Schedules App (Developer Extensibility)

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 Overhead Cost Controlling (CO-OM)

4.1.1.1 Display Service Settlement Hierarchy

Business Details

This app provides an interactive, graphical view of the entire service settlement hierarchy. It helps you understand and analyze settlement processes across various service-related documents. The app includes service contract item or service order item (execution order item), and maintenance orders. When service documents are relevant for settlement and included in the hierarchy based on customization settings, the system automatically sets the settlement control flag to ensure accurate processing.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F9144`
Application Component	`CO-OM-OPA` (*Overhead Cost Order*) `CRM-S4-SRV` (*S4CRM: Service Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Display Service Settlement Hierarchy

4.1.1.2 Universal Allocation

Business Details

With this release, **two new Fiori apps are now available for Universal Allocation:**

- **Manage Allocations** – New Version (Fiori ID*F3338A*): This is a new version of Manage Allocations app (Fiori ID *F3338*). There are no significant differences in general functionality between the two apps. The primary reason for introducing a new app for managing allocations is a technical request for modernization.
- **Manage Allocation Changes** (Fiori ID *F7272*): This app tracks display changes made to allocation cycles. It captures a record of the cycle definition for each live run. You can identify cycle definition changes section by section and tab by tab.

Implementation Details

Authorizations

No additional authorizations are required. You can use the same roles for universal allocation for the two new apps:

- SAP_BR_OVERHEAD_ACCOUNTANT
- SAP_BR_SALES_ACCOUNTANT
- SAP_BR_DIVISION_ACCOUNTANT

Customizing

No additional customizing is required.

Effects on Existing Data

There are some changes to the tables for universal allocation and data processing:

1. Table T811C has been extended with new fields: RLDNR, CYCLENAME, RBUKRS, KOKRS, ERKRS, and CATEGORY.
2. Table T811DERIVE: The system reads derivation rules from table T811DERIVE. If this data wasn't saved in this table in previous releases, it needs to be migrated into this table.
3. Table FCO_UA_T811G: This table replaces table T811G to save the data field groups.

> Note
>
> If you upgrade your system to S/4 HANA OP2025 FPS1, you should perform a migration for these changes. A Silent Data Migration function is provided for this purpose. For detailed information, please refer to SAP Note 3659052 and 2907976.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	NA
Technical Object Name	F3338A F7272
Application Component	FIN-UA
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Universal Allocation for Production Month [page 159]
Universal Allocation

4.1.2 Predictive Accounting

4.1.2.1 Referencing Canceled Outdated Predictive ACDOCA Entries

Business Details

As of this release, when a cancellation of an outdated prediction entry is created, the cancellation entry references the original outdated prediction entry. The *Preceding Journal Entry Number*, *Preceding Journal Entry Line Item*, and *Preceding Fiscal Year* fields in the cancellation entry refer to the *Journal Entry Number*, *Journal Entry Line Item*, and *Fiscal Year* of the outdated prediction entry. This feature enhances transparency and accountability in financial records, making it easier to trace and verify changes in predictions in sales processes.

Implementation Details

Effects on Existing Data

Existing cancellations of outdated prediction entries aren't migrated. As a result, existing entries don't contain a reference to the original outdated prediction entry. Only newly created entries have references.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2FD (Predictive Accounting)
Technical Object Name	`ACDOCA`
Application Component	`FI-PRA` (*Predictive Accounting*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Example: Predictive Accounting with a Deleted Sales Order Item
Example: Predictive Accounting with a Changed Sales Order Item

4.1.2.2 BAdI: Enhancement of Posting Logic for Changes of Source Documents

Business Details

When you change a source document, such as a sales order, the predictive journal entry items posted previously are compared to the current prediction. While most standard fields need to be considered for this comparison, custom fields are often not relevant for the prediction. To handle custom fields, two logical principles and respectively two Business Add-In (BAdI) methods are available:

- `FIELDS_IRRELEVANT_FOR_CHANGE`: per default, custom fields are considered when source documents are changed. Use this method to specifically **exclude** custom fields for predictive updates.
- `FIELDS_RELEVANT_FOR_CHANGE`: in this case, custom fields are **not** considered when source documents are changed. Use this method to specifically **include** custom fields for predictive updates.

> ⓘ Note
>
> You can only choose one of the two methods.

Implementation Details

Customizing

To prevent predictive accounting entries from being posted without containing relevant information, for instance in the case of *Timestamp* field changes, you can activate feature toggle `FI_PRA_USE_POSITIVE_LIST`. As a result, custom fields are not considered when source documents are changed. To specifically include certain custom fields, you can implement BAdI method `FIELDS_RELEVANT_FOR_CHANGE`.

The following example implementation is available: `CL_BADI_FINS_PRED_BO_CHANGE_EX`.

Effects on Existing Data

If you have been following the default logic that custom fields are considered when source documents are changed, and you have been using BAdI method `FIELDS_IRRELEVANT_FOR_CHANGE` to exclude specific custom fields, this logic remains valid for your implementation. You can switch to the opposite logic though as described above in the Customizing section.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2FD (Predictive Accounting)
Technical Object Name	`BADI_FINS_PRED_BO_CHANGE`
Application Component	`FI-PRA-PRA` (*Predictive Accounting*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

4.1.3 Product Cost Controlling

4.1.3.1 Financial Chains (7UU)

Business Details

- Define commercial chains to structure intercompany business
- Support buy or sell relationships to address tax and legal regulations and accounting principles that are relevant for the corporate group
- Simplify the master data for value flows in intercompany logistics processes by connecting multiple entities in commercial chains for intercompany logistics flow

> ⓘ Note
>
> You need to activate business function `VALUE_CHAIN_ANALYSIS` to use *Financial Chains* process.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7UU (Financial Chains)
Technical Object Name	Not applicable
Application Component	`CO-PC-FCH` (*Financial Chain*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Financial Chain Apps
Financial Chain

4.2 Accounting and Financial Close

4.2.1 AI-Assisted Settlement Rule Proposal for Asset Capitalization

Business Details

This feature streamlines the creation of full settlement rules for investment measures by using generative artificial intelligence (AI) to determine receivers (final fixed assets), calculate percentages, and propose feasible rules based on context and user-defined instruction profile. It helps overhead accountants and asset accountants save time and reduce manual effort by automating the complex, error-prone setup of settlement rules, ensuring accuracy in asset capitalization and improving overall operational efficiency.

A new app *Manage Settlement Rule Proposal for Investment Measure* is now available. It allows you to generate a settlement rule proposal, review and edit the proposal, and apply the settlement rule proposal to the corresponding investment measure.

> Note
>
> This function uses generative artificial intelligence (AI). Always validate information extracted using generative AI before using it for critical applications.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F9154`
Application Component	`IM-FA` (*Capital Investments*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

AI-Assisted Settlement Rule Proposal for Asset Capitalization

4.2.2 SOAP API: Journal Entry by Ledger – Post (Asynchronous)

Business Details

With the SOAP API *Journal Entry by Ledger – Post (Asynchronous)* (`JournalEntryBulkLedgerCreationRequest_In`) inbound SOAP API, you can now link orders directly to journal entries when posting via the API. This enhancement introduces the new field *OrderId* allowing you to link journal entries to specific orders. This feature improves traceability and supports better integration between financial postings and order management.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`JournalEntryBulkLedgerCreationRequest_In`
Application Component	`AC-INT` (*Accounting Interface*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Journal Entry by Ledger - Post (Asynchronous)
Journal Entry by Ledger-Post Asynchronous

4.2.3 SOAP API: Journal Entry - Post (Asynchronous)

Business Details

You can now define payment terms more efficiently by using the new field *KeyforTermsOfPayment* in debtor and creditor items. When posting via SOAP API *Journal Entry - Post (Asynchronous)*, you can directly enter the cash discount term key, enabling the system to automatically derive all related fields such as discount days and percentages. This enhancement simplifies journal entry creation, reduces manual effort, and ensures accurate application of payment terms composed of cash discount percentages and payment periods.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`JournalEntryBulkCreationRequest_In`
Application Component	`AC-INT` (*Accounting Interface*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

DebtorItem
Journal Entry-Post Asynchronous
Journal Entry - Post (Asynchronous)

4.2.4 SOAP API: Journal Entry by Ledger – Post (Synchronous)

Business Details

With the inbound SOAP API *Journal Entry by Ledger - Post (Synchronous)* (`JournalEntryBulkLedgerCreateRe`), you can post journal entries by ledger in synchronous mode, ensuring immediate processing and confirmation. This improves transparency and reduces delays in financial postings, enabling faster error detection and streamlined accounting processes.

Implementation Details

There are no special prerequisites for enabling synchronous posting; however, ensure that your system is updated to the latest release supporting this feature. Navigate to *Journal Entry Settings* in your system configuration. Enable the *Synchronous Posting by Ledger* option and verify that ledger-specific posting rules are correctly maintained.

Authorizations

If you perform synchronous postings, you must have the appropriate posting authorization for the relevant ledgers. No new authorization objects are introduced; your existing posting permissions continue to apply.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`JournalEntryBulkLedgerCreateRe`
Application Component	`AC-INT` (*Accounting Interface*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Journal Entry by Ledger - Post (Synchronous)
Journal Entry by Ledger - Post Synchronous

4.2.5 General Ledger Accounting

4.2.5.1 Accounting Enhancements for Banks

4.2.5.1.1 Error Correction and Suspense Accounting

4.2.5.1.1.1 Deprecation of Process Error Documents (F7320)

Business Details

The *Process Error Documents* (`F7320`) app cannot support multilevel workflow approvals. Due to this limitation, the app is deprecated and will be removed in an upcoming release. The successor for this app is the *Edit ECS Items* (`ACC_ECS_MAINTAIN`) transaction.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F7320`
	Transaction Code:
	`ACC_ECS_MAINTAIN`

Application Component	`AC-INT-ECS` (*Error Correction System for Accounting Interface*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

4.2.5.1.2 Multi Currency Accounting

4.2.5.1.2.1 Loading of Process-Specific Variants

Business Details

With this new feature, when executing an MCA process using the GLE_MCA_FXR main report, only the variants relevant to the selected process will load upon clicking the "Get Variants" button. This enhancement eliminates the previous issue where variants from all MCA processes were shown, making it difficult for users to select the correct variant.

Implementation Details

Effects on Existing Data

Users previously had access to all variants across process categories, but now they can only view variants specific to the selected process category.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Report: `GLE_MCA_FXR`
Application Component	`FI-GL-CU-MCA` (*Multi Currency Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

4.2.5.2 Analyze Closing Run Results for Advanced Foreign Currency Valuation

Business Details

With this feature, you can analyze the results of *Advanced Foreign Currency Valuation* run in detail, complementing the *Schedule General Ledger Jobs* app. You can filter specific postings, download result lists for further analysis, and access all messages logged during the run, including errors and warnings, to troubleshoot issues quickly. This gives you better transparency and supports reconciliation and reporting processes.

Implementation Details

You need to schedule and execute *Advanced Foreign Currency Valuation* job using the *Schedule General Ledger Jobs* app. No additional configuration is required for activation. The app is available in the system once the relevant jobs have been executed.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	J58 (Accounting and Financial Close)
Technical Object Name	F3753
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 FPS01

Related Information

Analyze Closing Run Results
Advanced Foreign Currency Valuation

4.2.5.3 New App: Manage Finance Notifications

Business Details

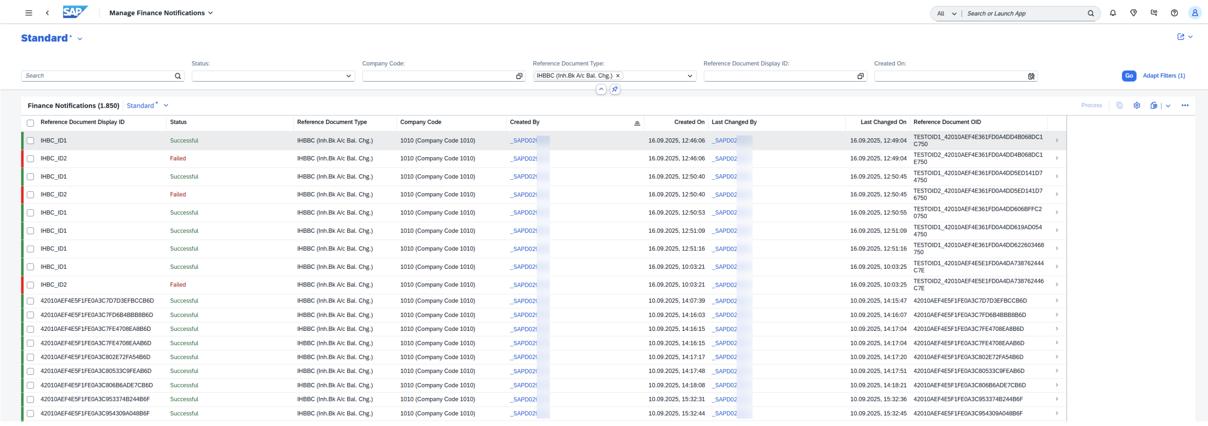
The new Fiori app, *Manage Finance Notifications*, enhances the management of financial transaction data exchanges between Accounting and sender applications, such as In-House Banking. The app provides a work list that clearly displays the status of finance notifications. You can also process failed finance notifications directly within the app.

Using this feature effectively is crucial for managing financial transaction errors. When the sender applications transmit business transaction data to Finance Business Transaction Interface (FIBTI), errors might occur in the receiving financial components. This can lead to a Failed status for finance notifications. The *Manage Finance Notifications* app helps you diagnose and resolve these root causes, allowing you to trigger data re-processing. By alerting you to error occurrences, the app supports timely corrective actions and enhances the overall efficiency of financial operations.

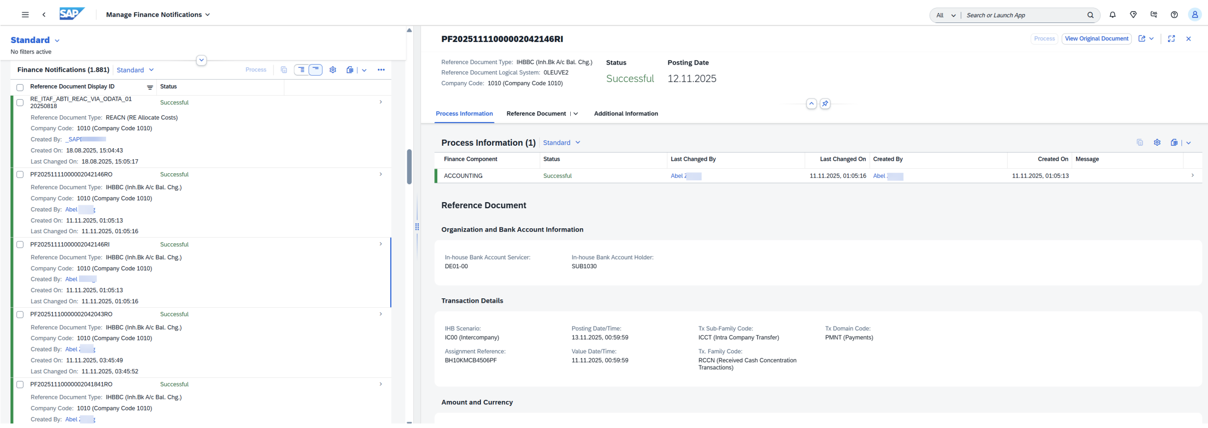
Examples of the User Interface

> ⓘ 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.

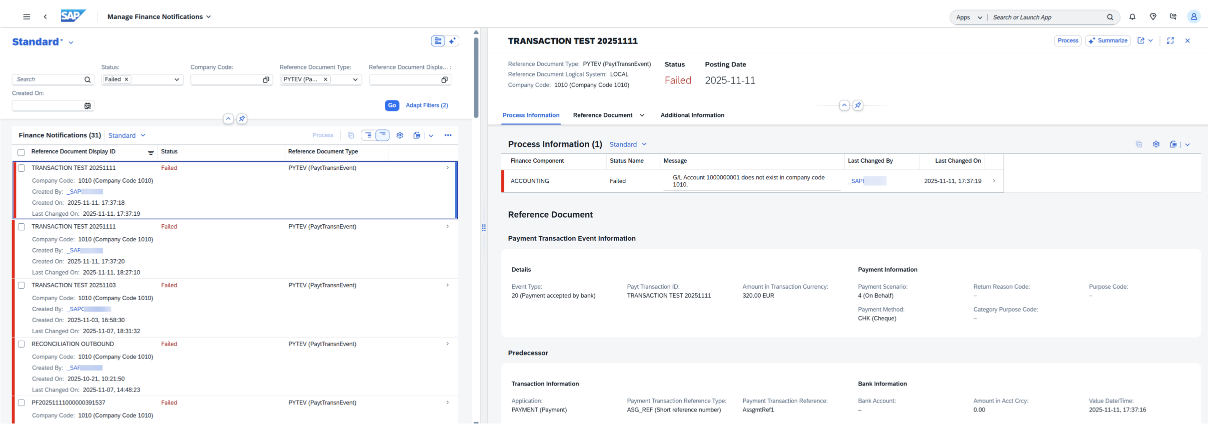
Work List:



Detail page of a successful finance notification:



Detail page of a failed finance notification:



Implementation Details

Authorizations

To access this app, you need to have the following business catalog assigned: *Finance - Finance Notification* (`SAP_SFIN_BC_FINANCE_NOTIF`).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	J58 (*Accounting and Financial Close*)
Technical Object Name	App ID: `F8825`
Application Component	`FI-GL-BTI` (*Accounting Business Transaction Interface*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Finance Notifications

4.2.5.4 New App: Schedule Finance Notifications

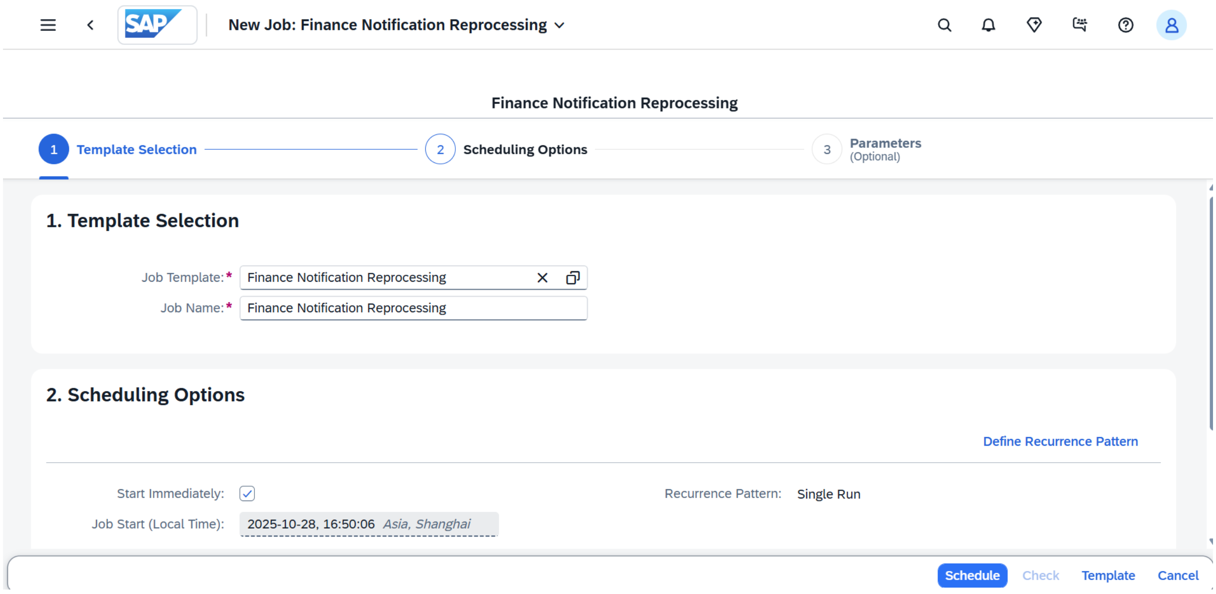
Business Details

In the *Schedule Finance Notification Jobs* app, you can schedule reprocessing of finance notifications with the Failed status. Use the *Finance Notification Reprocessing* job template to schedule process.

To monitor the posting status of finance notifications, especially the Failed ones, go to the *Manage Finance Notifications* app. Errors must be resolved before successfully processing the finance notification.

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

Authorizations

To access this app, you need to have the following business catalog assigned: *Finance - Finance Notification* (`SAP_SFIN_BC_FINANCE_NOTIF`).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	J58 (*Accounting and Financial Close*)
Technical Object Name	App ID: `F8825`
Application Component	`FI-GL-BTI` (*Accounting Business Transaction Interface*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Finance Business Transaction Interface (FIBTI)

[Finance Business Transaction Interface (FIBTI)]

4.2.5.5 AI-Assisted Journal Upload

4.2.5.5.1 Download Template Feature in Manage Journal Posting Policies App

App ID: F8539

Business Details

With this feature, you can now download a pre-defined template for posting policy documents directly from the *Manage Journal Posting Policies* app. You can do this by using the *Download Template* button in the app. This template ensures that all required fields and sections are included and correctly formatted, reducing the risk of errors during upload.

To get started, open the app, download the template, fill in the details, and upload it back to create the journal posting policy. You can select the language and format (Spreadsheet or PDF) for the template during download. The template includes guidelines and sample instructions for different fields. Ensure that you follow these guidelines and instructions when entering data and before uploading.

Technical Details

Type	New
Functional Localization	No localization
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 FPS01

Related Information

[AI-Assisted Journal Upload]

Manage Journal Posting Policies

4.2.6 Revenue Accounting and Reporting

4.2.6.1 Enable Contract Combination, Contract Split, and POB Reassignment for Contracts with Suspended Performance Obligations

Business Details

Contract Combination, Contract Split, and POB Reassignment have been enabled for contracts with suspended performance obligations (POBs). This new feature allows you to combine or split contracts that have suspended POBs, and to reassign these suspended POBs from one RAR contract to another.

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 FPS01

Related Information

Combine Revenue Contracts
Split Revenue Contracts
Reassigning Performance Obligations Between Existing Revenue Contracts
Suspend Postings

4.2.6.2 Enhancements to Business Change Reason Codes

Business Details

The Customizing table *Define Business Change Reason for Manual Activities* has been updated to include an additional validation for business change reason codes. This new check ensures that configured business change reason codes are distinct from the codes predefined by SAP (refer to table `FARR_C_CHGRSN` for the standard codes).

Additionally, the existing business change reason code described as "The POB is a billing element", or "The start date is empty for time-based changes", or "The effective date of the change is the first effective date" has been divided into three separate business change reason codes respectively.

Business Change Reasons

Business Change Reason	Description	Comments
R7	POB is a billing element	Predefined Retrospective Change
RD	Start date is empty for time-based POB	Predefined Retrospective Change
RE	Change happens on first effective date	Predefined Retrospective Change

Furthermore, a new business change reason code has been introduced specifically for prospective changes.

Business Change Reason for Prospective Changes

Business Change Reason	Description	Comments
P0	Contract is terminated early	Predefined Prospective Change

In the SAP Fiori app *Allocated Amount Explanation*, the business change reason description is now shown alongside the business change reason code.

Implementation Details

Customizing

In Customizing under *Revenue Accounting* > *Revenue Accounting Contracts* > *Define Business Change Reason for Manual Activities*, an additional check for the business change code is now available.

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 FPS01

Related Information

Define Business Change Reasons

4.2.6.3 Improved Conflict Management for Performance Obligations with Manual Price Allocation

Business Details

This new feature minimizes the need for manual conflict handling and prevents conflicts when changes are made to performance obligations (POBs) that are excluded from allocation.

In Revenue Accounting (RAR), if allocation amounts are adjusted manually in the SAP Fiori app *Price Allocation* and the operational document is modified subsequently with updated order revenue accounting items (RAIs) sent to RAR, the system will change the status of all performance obligations in the updated RAR contract to Pending Review. It automatically updates the allocated amounts to reflect the system-determined values and suspends revenue and cost postings until you resolve the conflict by choosing between the system values or the values entered manually. The new feature prevents conflicts from arising when modifications are made to performance obligations that are excluded from the 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 Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manual Price Allocation
Conflict Handling

4.2.6.4 Early Termination of Performance Obligations

Business Details

This feature enables you to trigger early termination at the performance obligation (POB) level. Previously, a validation check required all order revenue accounting items (RAIs) in a contract to have the impairment indicator set with the same effective date. This check has now been adjusted to allow impairment on a single POB basis. Revenue Accounting determines whether early termination occurs at the POB or contract level, with validation checks being run accordingly.

To manage impaired POBs, the system will adjust the end date for time-based POBs and handle revenue recognition by derecognizing where necessary. The status of the POB will be updated to Completed, excluding it from allocation, and the contractual price will be adjusted. Additionally, the asset impairment date of the terminated POB will be recorded. The feature incorporates a new requirement to calculate the allocated amount as a prospective change, differing from contract-level early termination where allocation is not recalculated. Impairment accounts for impaired POBs will be determined, and impairment amounts will be calculated to create asset and cost impairment postings, taking into consideration the impairment dates of the individual POBs.

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 FPS01

Related Information

Early Termination

4.2.6.5 Improvements for Allocated Amount Explanation App

Business Details

The SAP Fiori app *Allocated Amount Explanation* has been enhanced to improve usability. With this latest update, a consolidated view of all changed fields for every POB is now presented directly on the main page. This enhancement provides a clearer, more efficient overview, enabling you to see all changes in a single view without navigating to detailed pages for each POB.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	App ID: `F4424`
Application Component	`FI-RA` (*Revenue Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Allocated Amount Explanation

4.2.6.6 Enhanced Simple Technical Viewer for Revenue Accounting Contracts

Business Details

Report `FARR_SIMPLE_CONTR_VIEWER_CUS`, designed as a *Simple Technical Viewer* for revenue accounting contracts, has been enhanced to include revenue accounting item (RAI) information. This update allows you to access detailed views of order, fulfillment, cost, and invoice RAIs with the statuses Processed and Postponed.

Additionally, the tool provides seamless navigation to the application log, where you can review log messages conveniently. Please note that RAIs created with Classic Inbound Processing are not be displayed in this report.

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 FPS01

Related Information

Simple Technical Viewer for Revenue Accounting Contracts

4.2.6.7 SAP Fiori App Manage Revenue Contracts – Enabling Fulfillment Type Attributes

Business Details

The SAP Fiori app *Manage Revenue Contracts* has been enhanced to enable the creation of time-based performance obligations (POBs).

When you create new POBs manually by choosing *Create*, you can choose between the following POB types:

- Event-Based POB
- Time-Based POB
- Percentage of Completion

The attributes related to the fulfillment type are then displayed on the POB details page:

- For time-based POBs, the fulfillment type is set to *Time-Based*, and the event type remains empty. The following fields related to fulfillment are displayed and need to be filled:
    - Start Date
    - End Date
    - Deferral Method
    - Start Date Type
- For event-based POBs, the fulfillment type is set to *Event-Based*, and the event type is set to *MA* (*Manual Fulfillment*). No additional fields need to be filled manually.
- For POBs with percentage of completion fulfillments, the fulfillment type is set to *Percentage of Completion*, and the event type is set to *MA* (*Manual Fulfillment*). No other fields need to be filled manually.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	App ID: `F3883`
Application Component	`FI-RA` (*Revenue Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Revenue Contracts
Manual Performance Obligations

4.2.6.8 Integration of Cost Object Controlling and Revenue Accounting

Business Details

Integrating Cost Object Controlling with Revenue Accounting streamlines financial operations by delivering clearer insights into project costs and revenues while ensuring revenue calculation and recognition align with IFRS15 allocation requirements.

Additional Details

Results Analysis calculates PoC (Percentage of Completion) by dividing actual costs by planned costs and transferring this percentage to Revenue Accounting for accurate revenue determination. Revenue Accounting then uses the PoC data to post recognizable revenue to Financial Accounting (FI) during the revenue posting run, ensuring consistent financial reporting. The settlement function in Cost Object Controlling posts actual costs to FI and adjusts costs and revenues in Controlling Profitability Analysis (CO-PA).

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 FPS01

Related Information

Revenue Accounting Integration with Cost Object Controlling

4.2.7 Event-Based Revenue Recognition

4.2.7.1 Support of Revenue-Based POC for Execution Order Items with Itemized Billing

Business Details

This feature enables you to use revenue-based percentage of completion (POC) revenue recognition (method 7) for execution order items with the *Itemized Billing* billing relevance. The net value of the execution order item determines the planned revenue used in revenue-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.

Implementation Details

If you need to create an incident regarding this feature, use component `CO-PC-OBJ-EBR` (*Event-Based Revenue Recognition*).

Customizing

Assign a recognition key applying revenue-based POC revenue recognition method (method 7) to the billing relevance *Itemized Billing* in Customizing for *Event-Based Revenue Recognition* under *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	`CRM-S4-SRV-MNO` (*Maintenance-Centric Service*) `CO-PC-OBJ-EBR` (*Event-Based Revenue Recognition*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

4.2.7.2 Support of Revenue Recognition at Contract Completion for Execution Order Items with Itemized Billing

Business Details

This feature enables you to use completed contract revenue recognition (method 15) for execution order items with the *Itemized Billing* billing relevance.

Implementation Details

If you need to create an incident regarding this feature, use component `CO-PC-OBJ-EBR` (*Event-Based Revenue Recognition*).

Customizing

Assign a recognition key applying completed contract revenue recognition method (method 15) to the billing relevance *Itemized Billing* in Customizing for *Event-Based Revenue Recognition* under *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	`CRM-S4-SRV-MNO` (*Maintenance-Centric Service*) `CO-PC-OBJ-EBR` (*Event-Based Revenue Recognition*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Event-Based Revenue Recognition for Service with Advanced Execution

4.2.7.3 Revenue Recognition for Execution Order Items with Resource-Related Cost Items

Business Details

Service with Advanced Execution now supports a detailed planning of execution order items by using resource-related cost items. This allows the calculation of the planned revenue for the execution order item by an invoice simulation in the Dynamic Item Processor (DIP) for the operations and components planned in the assigned maintenance order. Before, it was only possible to calculate the planned revenue based on the net value of the execution order item.

This feature enables you to use revenue recognition for such execution order items with resource-related cost items with the *Itemized Billing* billing relevance. Revenue recognition methods using values for planned revenue (method 3 for cost-based POC and method 7 for revenue-based POC revenue recognition) can now benefit from an improved determination of the planned revenue.

Alternatively, you can assign an itemized billing execution order item to a service contract item that is the root item in a financial hierarchy. Then the planned revenue, determined as described above, of the execution order item contributes to the planned revenue of that contract item.

Implementation Details

If you need to create an incident regarding this feature, use component `CO-PC-OBJ-EBR` (*Event-Based Revenue Recognition*).

Customizing

Assign a recognition key applying one of the supported revenue recognition methods to the billing relevance *Itemized Billing* in Customizing for *Event-Based Revenue Recognition* under *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	`CRM-S4-SRV-MNO` (*Maintenance-Centric Service*) `CO-PC-OBJ-EBR` (*Event-Based Revenue Recognition*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Event-Based Revenue Recognition for Service with Advanced Execution https://help.sap.com/docs/SAP_S4HANA_ON-PREMISE/f5d3e1005efd4e86acf9a65abf428082/ef077b5ef8174de58f1050dce4454e75.html?locale=en-US&version=2025.000

4.2.7.4 Settlement of Maintenance Orders

Business Details

With this feature, *Event-Based Revenue Recognition* (EBRR) ensured that actual costs that have been confirmed for a maintenance order will not be recognized twice if you run a settlement on this maintenance order, independently of the settlement receiver. To achieve this, EBRR considers the outgoing cost settlement as a reduction of the actual cost.

> Example
>
> You have a billable maintenance order linked to an execution order item which is the root item of a hierarchy. The execution order item has a revenue key assigned, such as a cost-based POC revenue recognition key. Execution order item and maintenance order have different profit centers assigned. After actual costs have been posted to the maintenance order, you settle the costs from the maintenance order to the linked execution order item. The revenue reported on the execution order item remains unchanged by this settlement.

> Note
>
> EBRR does **not** consider outgoing settlement as reduction of actual cost or revenue for service order items or service contract items.

Implementation Details

If you need to create an incident regarding this feature, use component `CO-PC-OBJ-EBR` (*Event-Based Revenue Recognition*).

Customizing

The configuration of the service item category you use for the root item of the hierarchy determines whether you can run settlement on the maintenance order or not.

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	`CRM-S4-SRV-MNO` (*Maintenance-Centric Service*) `CO-PC-OBJ-EBR` (*Event-Based Revenue Recognition*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Event-Based Revenue Recognition for Service with Advanced Execution
Hierarchy Settlement with Service Transactions
Service Document Settlement with Event-Based Revenue Recognition
Profit Center in Billable Maintenance Order [page 421]

4.2.7.5 Accounting Indicator Consideration in Revenue Recognition for Service Documents with Revenue Recognition at Contract Completion (Method 15)

Business Details

With this feature, you can exclude cost and revenue postings from revenue recognition for service order items or execution order items that have an accounting indicator for non-billing assigned, such as warranty or goodwill. In a new customizing activity, you spezify which accounting indicator the system considers for the full exclusion from WIP (cost deferral).

Implementation Details

If you need to create an incident regarding this feature, use component `CO-PC-OBJ-EBR` (*Event-Based Revenue Recognition*).

Customizing

You set the *Full Excl.* indicator for the accounting indicator in Customizing for *Event-Based Revenue Recognition* under *Define Accounting Indicator Consideration for Service Documents*.

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) 41Z (Service Quotation and Order Management) 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	`CRM-S4-SRV-SVO` (*Service Order*) `CRM-S4-SRV-MNO` (*Maintenance-Centric Service*) `CO-PC-OBJ-EBR` (*Event-Based Revenue Recognition*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Accounting Indicator Consideration for Service Documents

4.2.7.6 Automatic Imminent Loss Handling for Projects

Business Details

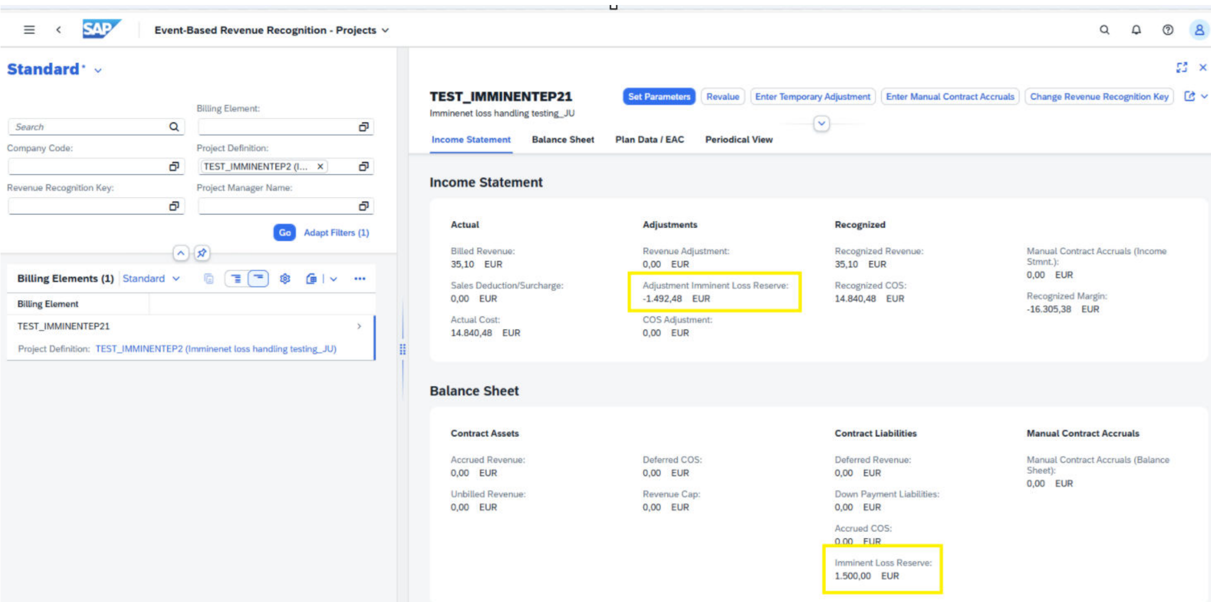
This feature allows you to display an Imminent Loss Reserve and the Adjustment of the Imminent Loss Reserve in the *Event-Based Revenue Recognition – Projects* app.

You can activate automatic loss handling for projects with cost-based POC (method 3) or revenue-based POC (method 7) revenue recognition. Once activated, Event-Based Revenue Recognition calculates and posts the current values for imminent loss reserve (balance sheet position) and the adjustment of imminent loss reserve (profit & loss position) for the projects in the next period closing run. These values are now displayed in the *Event-Based Revenue Recognition – Projects* app.

> ⓘ Note
>
> This new feature is available as of:
>
> - 2023 SPS05
> - 2025 FPS01

Changes to the User Interface

> ⓘ Note
>
> The following screenshot is an example 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 configuration and extensibility options available.



Event-Based Revenue Recognition – Projects app (App ID: F4767): The highlighted fields are added newly to the app.

Implementation Details

Customizing

To activate automatic loss handling make the following settings in Customizing for *Event-Based Revenue Recognition* under *Maintain Settings for Event-Based Revenue Recognition*.

1. In sub-node *Document Types*, choose *3: Automatic creation and usage (closing)* as *Loss Handling* function for the respective company codes and accounting principles.
2. In sub-node *Assignment Rules*, for the relevant assignment rules, create a posting rule with usage *300: Loss Processing* and enter G/L accounts to be used for imminent loss reserve and adjustment of imminent loss reserve.
3. In sub-node *Recognition Keys*, assign such an assignment rule to revenue recognition keys using method 3 or method 7 for the respective company codes and accounting principles.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`App ID: F4767` (*Event-Based Revenue Recognition - Projects*)
Application Component	`CO-PC-OBJ-EBR` (*Event-Based Revenue Recognition*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	• 2023 SPS05 • 2025 FPS01

Related Information

Loss Handling in Event-Based Revenue Recognition

4.2.7.7 Support of Milestone Billing and Drop Shipment for Sales Orders

Business Details

This feature enables you to use completed contract revenue method (method 9) for sales order items with billing relevance *I: Order-relevant billing - billing plan*. Event-Based Revenue Recognition now also supports the following pre-delivered sales item categories:

- CBAO: Milestone billing plan
- DB1: Drop Shipment with shipping notification and with milestone billing plan
- DB2: Drop Shipment without shipping notification and with milestone billing plan

> ⓘ Note
>
> This new feature is available as of:
>
> - 2023 SPS05
> - 2025 FPS01

Implementation Details

Customizing

Assign the sales item categories with billing relevance *I* to a revenue recognition key that uses completed contract method (method 9) in Customizing for *Event-Based Revenue Recognition* under *Derivation of Recognition Key for Sell from Stock.*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1K2 (Event-Based Revenue Recognition – Sell from Stock) 33M (Event-Based Revenue Recognition – Sell from Stock – IFRS)
Technical Object Name	Not Applicable
Application Component	`CO-PC-OBJ-EBR` (*Event-Based Revenue Recognition*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	• 2023 SPS05 • 2025 FPS01

Related Information

Milestone Billing and Third-Party Drop Shipment Scenarios with Milestone Billing in Event-Based Revenue Recognition

4.2.8 Joint Venture Accounting

4.2.8.1 Post Adjustment Partner Reconciliation

Business Details

This feature enables you to transfer past period adjustment balances or costs from former partners who are no longer part of the current equity group to their replacement partner(s).

This feature has been introduced to support equity changes in Joint Venture Accounting. Below are the key steps :

- *Mapping*: Defines the mapping relationship and share distribution between the former partners' and the new/current partners.
- *Processing*: Execute a reconciliation process that:
  - Generates a journal entry to reverse the accounts receivable/payable document originally posted for the old partners during the prior period equity adjustment.
  - Creates a new journal entry for the corresponding amount under the new partners.

Implementation Details

Authorizations

To launch the mapping functionality with the *PAPR Partner Share Maintenance* Fiori application or via SAP GUI using transaction `GJPAPRM`, the following authorizations are required:

Authorization Object	Field Name	Value
J_JVA_CUS	ACTVT	3
	ACTVT	23

Authorization Object	Field Name	Value
	BUKRS	$BUKRS
	JV_CUGROUP	C_08
	KOKRS	$KOKRS
S_TABU_NAM	ACTVT	2
	ACTVT	3
	TABLE	V_T8PAP

The transactional processing building block can be launched using *Post Adjustment Partner Reconciliation Posting* Fiori application or via SAP GUI using transaction `GJPAPRP`. The following authorization settings are required:

Authorization object	Field name	Value
B_BUPA_GRP	ACTVT	F4
	BEGRU	
J_JVA_PRC	ACTVT	16
	ACTVT	48
	BUKRS	$BUKRS
	JV_PROCA	EQUITY-ADJ
J_JVA_VNT	ACTVT	3
	ACTVT	F4
	BUKRS	$BUKRS

Additionally, the functionality is available as a job template in the *Schedule Job for Equity Change/Adjustment* Fiori application, integrated into the job scheduler framework.

Technical Details

Type	New
Functional Localization	No localization
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 FPS01

4.2.8.2 Cash Call Operator Posting

Business Details

This enhancement introduces a special option for the Cash Call process in *Joint Venture Accounting (JVA)* on `ACDOCA`.

When this feature is enabled, the operator documents created by the cash call transaction (`GJCOI`) is posted in the same way as working interest partner documents. This is particularly relevant in scenarios where the *Operator as Partner* option is active and operator postings should not be treated as self-clearing.

Implementation Details

By default, when the cash call transaction (`GJCOI`) posts operator documents, these are created as self-clearing documents with billing indicators *1* and *2*. In certain business scenarios, this behavior is not desired. With this enhancement, a special option can be activated to allow operator documents to be posted like working interest partner documents.

To activate this behavior:

- Launch transaction `SM30` and maintain view `V_JVA_OPTIONS` in change mode.
- Enter the below values:
    - Company Code: *
    - Option Name: CASH_CALL_POST_OPERATOR_DOC_LIKE_WI_PARTNER_DOC
    - Option Value: X

Authorizations

Standard authorizations for maintaining JVA customizing and executing the cash call transaction apply.

Customizing

This functionality is controlled via view `V_JVA_OPTIONS`.

The option can be activated globally for all company codes by using '`*`' in the Company Code field, or selectively per company code if required.

Effects on Existing Data

There is no impact on existing posted data. The option only affects new cash call postings created after the feature has been activated.

Technical Details

Type	Changed
Functional Localization	Global
Scope Item	3F7
Technical Object Name	`V_JVA_OPTIONS`
Application Component	`CA-JVA-JVA` (*Joint Venture Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

4.2.8.3 Write Off in Operating Expense Account

Business Details

This feature, enables you to use a *standard write-off solution*, eliminating the need for custom implementations.

- The new write-off solution is designed to be flexible and reusable for different business scenarios such as quarterly, semiannual, and minimum suspense write-offs.
- To support different business requirements, the solution provides multiple write-off scenarios via radio buttons.
- A new transaction code `GJWO` is provided to execute the write-off process.
- The transaction runs report `RGJV_AR_CLEARING`. You navigate to selection screen where you can define customer selection, aging parameters, threshold values, and processing options.
- *Selection Parameter*: Based on the selection parameters entered on the selection screen, open customer items are selected from `BSID_VIEW`.
- *Write-Off Options :* The following write-off scenarios are supported:
  - Apply Threshold to Aged Items only: The Aging Date is calculated using parameters such as, Aging Year, Aging Period, Aging Intervals in Period.
  - Apply Threshold to All Open items only : The Aging Date is calculated using the following parameters: Aging Year, Aging Period, Aging Intervals in Period.

- Write-Off All Open Items without Any Check: All open items for the selected customers are cleared without applying any threshold or aging criteria. This support below scenarios:
    - Threshold parameters are not applicable.
    - Aging parameters are not applicable.

Implementation Details

Authorizations

You must have the required authorizations to execute transaction `GJWO` and to post clearing documents.

Customizing

The posting rule *WROF* with item *WO* must be configured for the company code, including:

- Document Type
- Posting Keys

Effects on Existing Data

Existing open receivable documents that meet the selection criteria are cleared through write-off postings.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3F7
Technical Object Name	`RGJV_AR_CLEARING, CL_JVA_AR_CLEARING, IF_JVA_AR_CLEARING, T-code: GJWO`
Application Component	`CA-JVA-JVA` (*Joint Venture Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

4.2.8.4 Aggregated Processing

Business Details

This feature enables you with to improve performance in company codes with inception-to-date active and numerous suspense/unsuspense documents in several JVA month-end programs . This enhancement applies to Equity Change, Suspense/Unsuspense, Equity Adjustment, and Farm In/Out processes.

The Farm In/Out process now uses a dedicated posting rule set specifically designed for Farm In/Out processing instead of the equity adjustment posting rules.

Implementation Details

When inception-to-date is active and many documents were posted in prior periods, single-item processing can result in very long runtime during month-end close. This enhancement introduces a choice between single-item processing and aggregated processing via new radio buttons in the following transactions:

- GJECA – Equity Change
- GJ17A – Suspense / Unsuspense
- GJ19A – Equity Adjustment
- GJFARM – Farm In / Out

Aggregated processing improves performance by processing summarized data instead of individual line items.

Important usage restrictions:

- If aggregated processing is executed in update mode for a company code and period, single-item processing cannot be used anymore for that period.
- For company codes with inception-to-date active, once aggregated processing has been used in any prior period, single-item processing can no longer be used for Equity Adjustment, Farm In/Out, and Suspense in subsequent periods.

Customizing

Optional exclusions for Equity Change processing can be defined using maintenance view `V_JVA_OPTIONS`.

- Option Name: GJECA_EXCLUDE_SELECTED_DOCUMENTS
- Company code: <company code>, e.g. JV01
- Option Value format: <FiscalYear>:<DocumentNumber1>,<DocumentNumber2>, e.g. 2024:1001,1002

Technical Details

Type	Changed
Functional Localization	Global

Scope Item	3F7
Technical Object Name	`V_JVA_OPTIONS`
Application Component	`CA-JVA-JVA` (*Joint Venture Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

4.2.8.5 Joule Conversational Search

Business Details

SAP now provides Joule Conversational Search support for Joint Venture Accounting (JVA) documentation and related help content.

- With this integration, users working in JVA can use natural-language queries to retrieve relevant information, guidance, how-to steps, and contextual help directly from the SAP Help Portal, without navigating to complex menus or search pages manually.
- Joule's generative AI summarizes the most relevant content and delivers concise answers tailored to user queries within the SAP S/4HANA environment.

Implementation Details

Joule leverages conversational search and natural language understanding to help users find documentation and answer questions about JVA business processes, configuration, and application usage. When users enter a query related to a specific JVA topic (e.g., how to post a cash call, how to exclude documents in aggregated processing), Joule will:

- Parse the query in conversational language
- Check built-in scenario catalogs and SAP Help Portal content
- Perform a search of relevant help documentation
- Summarize key insights and provide links to the most relevant topics

Joule's conversational search acts as fallback when no direct **intent** matches for a business task exists, allowing flexible and broad informational support.

To make this work in the context of JVA, SAP has ensured that Help Portal documentation for Joint Venture Accounting is included in the set of indexed content sources that Joule can query. It also provides relevant links pointing to detailed documentation.

Authorizations

You can access conversational search results if you are authorized to view documentation and help content via SAP Fiori or SAP Start.

Joule respects existing user roles and permissions when recommending links or triggering navigational actions.

Customizing

To enable and access Joule in your SAP S/4HANA environment:

- Ensure your SAP solution is part of Joule's supported scope (e.g., cloud-enabled S/4HANA deployment)
- Confirm that the Joule feature is activated for your system
- Ensure your users have access to SAP Start or the integrated Joule UI within Fiori Launchpad

If grounding of custom documents is desired (so that proprietary procedural documents or internal wikis are also visible via Joule's conversational search), appropriate document integration and upload into the SAP system or BTP must be configured.

Technical Details

Type	New
Functional Localization	Global
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 FPS01

4.2.8.6 Cutback and Remaining Cutback

Business Details

SAP enhances the Cutback (`GJCBA`) and Remaining Cutback (`GJCB_REM`) processes in Joint Venture Accounting (JVA) to provide greater flexibility, improved usability, and enhanced transparency for billable expense processing.

- The Cutback transaction now supports selection by equity group, addressing customer requirements where billing frequency is maintained at venture level rather than equity group level.
- The Remaining Cutback transaction is enhanced with multiple functional and usability improvements, including extended selection and display options, improved navigation, and corrected inconsistencies.

Implementation Details

Enhancements to the Cutback transaction (GJCBA):

- New selection parameter for equity groups, enabling more flexible and targeted cutback processing.

Enhancements to the Remaining Cutback transaction (GJCB_REM):

- Support for processing multiple company codes in a single run, including a new company code column in the ALV output.
- New display options to show results by company code, venture, and/or posting unit separately.
- New option to display zero-amount results so that all processed ventures and equity groups are visible.
- New option to display a header section with statistical information.
- New drilldown to JVA company code settings for improved navigation and analysis.
- Improved layout of program options using tab-based organization.
- In addition, the following issues have been corrected in the Remaining Cutback transaction:
  - The company code is now displayed correctly in the header section when no results are returned.
  - Drilldown results are corrected when the recovery indicator is excluded from the display.

Authorizations

Existing authorizations for executing JVA cutback programs and related display functions are sufficient.

Customizing

The enhancements are available directly within the standard Cutback and Remaining Cutback transactions.

Effects on Existing Data

The enhancements only affect the execution, selection, and display behavior of future Cutback and Remaining Cutback runs.

Technical Details

Type	Changed
Functional Localization	Global
Scope Item	3F7
Technical Object Name	`GJCBA, GJCB_REM`
Application Component	`CA-JVA-JVA` (*Joint Venture Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

4.2.8.7 BAdi: Manipulation Rule

Business Details

With this BAdi, you can adjust the results of the manipulation rule in Joint Venture Accounting (JVA) after the standard manipulation logic has been executed.

This enables customer-specific refinements of settlement, allocation, and universal allocation results to better reflect individual business requirements.

Implementation Details

- The BAdI `BADI_JVA_MANIPULATION_RULE` provides an enhancement point that is called after the standard manipulation rule logic has been applied.
- You can implement own logic, by creating a class based on interface `IF_JVA_BADI_MANIPULATION_RULE` and implementing method `CHANGE_RI_AFTER_MANIPUL_RULE.`
- This method allows modification of manipulation rule results before they are consumed by subsequent JVA processes such as settlement, allocation, and universal allocation.

> Note
>
> This BAdI directly influences financial processing results. You are fully responsible for the correctness and consistency of their implementation.

Authorizations

Standard authorizations for creating and activating BAdI implementations and executing the relevant JVA processes.

Customizing

You can create and activate an implementation of BADI_JVA_MANIPULATION_RULE using the standard enhancement framework.

Effects on Existing Data

There is no impact on existing data. The BAdI only affects manipulation rule results generated after the implementation is activated.

Technical Details

Type	New

Functional Localization	Global
Scope Item	3F7
Technical Object Name	`BADI_JVA_MANIPULATION_RULE`
Application Component	`CA-JVA-JVA` (*Joint Venture Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

4.2.8.8 BAdi: JIB/JIBE Mapping

Business Details

This BAdi allows you with the flexibility to extract custom billing structures or customer-specific derivation logic.

This BAdI allows you to influence or fully replace the standard JIB/JIBE mapping logic during billing extract creation in Joint Venture Accounting (JVA).

Implementation Details

- The new BAdI `BADI_JVA_JIB_JIBE_MAPPING` is called during billing extract creation (transaction `GJ13A`) and allows you to adjust or replace the standard JIB/JIBE mapping logic.
  You can implement, logic by creating a class based on interface `IF_JVA_BADI_JIB_JIBE_MAPPING` and implementing one or both of the following methods:
  - BEFORE_STANDARD_MAPPING:
    You can derive JIB/JIBE mapping values before the standard logic is executed. If the exporting parameter cv_skip_standard_derivations is set to ABAP_TRUE, the standard mapping logic is skipped entirely.
  - AFTER_STANDARD_MAPPING
    Allows you to adjust the mapping results after the standard mapping logic has been applied.
  - This enables either selective enhancement of standard behavior or a complete replacement of the standard billing extraction logic.

Authorizations

No additional authorizations are required beyond standard authorizations for creating and activating BAdI implementations and executing JVA billing extract processes.

Customizing

No additional JVA customizing is required. Customers can create and activate an implementation of BADI_JVA_JIB_JIBE_MAPPING using the standard enhancement framework.

Effects on Existing Data

The BAdI only affects billing extract data created after the customer implementation is activated.

Technical Details

Type	New
Functional Localization	Global
Scope Item	3F7
Technical Object Name	`BADI_JVA_JIB_JIBE_MAPPING`
Application Component	`CA-JVA-JVA` (*Joint Venture Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

4.2.8.9 BAdi: Master Data Replication

Business Details

This Badi enables you to trigger custom replication logic when Joint Venture Accounting (JVA) master data is saved.

The BAdI supports venture, Joint Operating Agreement (JOA), and venture partner master data and allows customers to integrate JVA master data with external systems or downstream processes according to customer-specific requirements.

Implementation Details

- The new BAdI `BADI_JVA_MASTER_DATA_AT_SAVE` is called during the save process of JVA master data objects.
- This provides enhancement points that allows you to execute custom logic whenever relevant master data is created or changed.
- You can create a class based on interface `IF_JVA_BADI_MASTER_DATA_SAVE` and implement one or more of the following methods:

    - AT_VENTURE_SAVE is called when venture master data is saved.
    - AT_JOA_SAVE Called is called when Joint Operating Agreement (JOA) master data is saved.
    - AT_PARTNER_SAVE is called when venture partner master data is saved.
- These methods enable you to develop own replication or synchronization logic that is triggered directly to save time.

Authorizations

No additional authorizations are required beyond standard authorizations for creating and activating BAdI implementations and maintaining JVA master data.

Customizing

No additional JVA customizing is required. You can create and activate an implementation of BADI_JVA_MASTER_DATA_AT_SAVE using the standard enhancement framework.

Effects on Existing Data

The BAdI only affects venture, JOA, and venture partner master data that is saved after the customer implementation is activated.

Technical Details

Type	New
Functional Localization	Global
Scope Item	3F7
Technical Object Name	BADI_JVA_MASTER_DATA_AT_SAVE
Application Component	CA-JVA-JVA (*Joint Venture Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

4.2.8.10 Equity Type Cost Objects

Business Details

JVA validation logic is now enhanced to maintain Joint Venture Accounting (JVA) data for cost objects.

- The validation now takes the equity type and the assigned equity groups into account when checking for existing billable expenses.
- This improves accuracy and consistency when assigning JVA data to cost centers, orders, WBS elements, and networks.

Implementation Details

- When JVA data is maintained for cost objects and message GJV_PM_200 is configured, the system validates whether billable expenses already exist for the assigned venture. Previously, this validation only considered the venture itself and ignored the equity type and related equity groups.
- With this enhancement, the validation logic has been refined to include equity type and equity group assignments, ensuring that the checks reflect the actual JVA structure and posting context more precisely.
- The following messages can be configured via transaction `OBA5` according to customer requirements:
  - GJV_PM-200 – Non-zero billable amounts
  - GJV_PM-201 – Non-zero billable amounts not yet processed by cutback
  - GJV_PM-202 – Non-zero suspended amounts
- By default, message `GJV_PM-201` is issued as a warning, while messages `GJV_PM-200` and `GJV_PM-202` are switched off.

Authorizations

Existing authorizations for maintaining JVA data and cost objects remain sufficient.

Customizing

Message control for the enhanced validation is managed via transaction `OBA5`.

You can configure the behavior of messages `GJV_PM-200`, `GJV_PM-201` and `GJV_PM-202` to suit their business requirements.

Effects on Existing Data

The enhanced validation logic only applies when maintaining or changing JVA assignments for cost objects going forward.

Technical Details

Type	New
Functional Localization	Global
Scope Item	3F7
Technical Object Name	`GJV_PM-200, GJV_PM-201, GJV_PM-202`
Application Component	`CA-JVA-JVA` (*Joint Venture Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

4.2.8.11 Universal Allocation for Production Month

Business Details

This enhancement addresses a core requirement of oil and gas companies that frequently report based on production month rather than posting period.

- Universal Allocation has been enhanced to support production month (PRODPER), based on processing when production month is activated for the company code and JVA is in use.
- Derivation of the production month from the sender's original source documents.
- Handling of the production month based on allocation rule type:
    - Posted amounts: production month is derived from the originally posted sender documents.
    - Fixed amounts: production month is provided by the user in the Production Month field on the Sender tab.
    - Fixed rates: production month is provided by the user in the Production Month field on the Sender tab.
- If sender postings within a single posting period contain multiple production months, the system maintains a split by production month and allocates values accordingly.
- Allocation results are balanced per production month, and the production month is stored in the resulting journal entry line items.
- The enhancement applies to actual allocation in cost center contexts and is supported in the following *Universal Allocation* apps:
    - Manage Allocation (F3338A – v2, F3338 – v1)
    - Allocation Run (F3548)
    - Allocation Result (F4363)
    - Manage Allocation Changes (F7272)

Implementation Details

Authorizations

Existing roles for overhead accounting, universal allocation, and JVA processing remain sufficient.

Customizing

To use this functionality, production month must be activated at company code level. Allocation cycles and segments can then be configured to derive or manually enter the production month as part of the sender definition. No additional JVA-specific customizing is required.

Effects on Existing Data

The enhancement only affects new allocation runs executed after the production month is enabled and configured in the allocation cycle.

Technical Details

Type	New
Functional Localization	Global
Scope Item	3F7
Technical Object Name	`Production Month (PRODPER in ACDOCA)`
Application Component	`FIN-UA` (*Universal Allocation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

4.2.9 Group Reporting

4.2.9.1 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 instead.

The following apps are affected:

App ID	App Name	Successor
`CCONS_FPM_OVP_BS_BY_CU`	Balance Sheet - By Consolidation Units	Group Data Analysis (`W0135`)
`CCONS_FPM_OVP_BS_MOV_BY_CU`	Balance Sheet - By Movements	Group Data Analysis (`W0135`)
`CCONS_FPM_OVP_BS_YOY_BY_CU`	Balance Sheet - Year Comparison	Group Data Analysis (`W0135`)
`CCONS_FPM_OVP_IS_FA_BY_CU`	P&L by Nature of Expense - By Functional Areas	Group Data Analysis (`W0135`)
`CCONS_FPM_OVP_IS_YOY_BY_CU`	P&L by Nature of Expense - Year Comparison	Group Data Analysis (`W0135`)
`CCONS_FPM_OVP_IS_BY_CU`	P&L by Nature of Expense - By Consolidation Units	Group Data Analysis (`W0135`)
`CCONS_FPM_OVP_IS_COS_YOY_BY_CU`	P&L by Function of Expense - Year Comparison	Group Data Analysis (`W0135`)

App ID	App Name	Successor
CCONS_FPM_OVP_IS_COS_BY_CU	P&L by Function of Expense - By Consolidation Units	Group Data Analysis (W0135)
CCONS_FPM_OVP_SCF_YOY_BY_CU	Cash Flow Statement - By Consolidation Units (rule-based report)	Group Data Analysis (W0135)
CCONS_FPM_OVP_TOTALS	Data Analysis	Group Data Analysis with Reporting Rules (W0136)
CCONS_FPM_OVP_CUR_RESERVE	Currency Translation - Reserve Analysis	Group Data Analysis with Reporting Rules (W0136)
CCONS_FPM_OVP_CUR_TRANS_DIFF	Currency Translation - Difference Analysis	Group Data Analysis with Reporting Rules (W0136)

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	1SG (Group Reporting – Financial Consolidation)
Technical Object Name	App IDs: • CCONS_FPM_OVP_BS_BY_CU • CCONS_FPM_OVP_BS_MOV_BY_CU • CCONS_FPM_OVP_BS_YOY_BY_CU • CCONS_FPM_OVP_IS_FA_BY_CU • CCONS_FPM_OVP_IS_YOY_BY_CU • CCONS_FPM_OVP_IS_BY_CU • CCONS_FPM_OVP_IS_COS_YOY_BY_CU • CCONS_FPM_OVP_IS_COS_BY_CU • CCONS_FPM_OVP_SCF_YOY_BY_CU • CCONS_FPM_OVP_TOTALS • CCONS_FPM_OVP_CUR_RESERVE • CCONS_FPM_OVP_CUR_TRANS_DIFF
Application Component	FIN-CS (*S4HANA Financial Consolidation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Group Data Analysis
Group Data Analysis - With Reporting Rules

4.2.10 Central Finance

4.2.10.1 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.

Country/Region	Task	Report Category	Additional Information	Accounting View of Logistic (AVL) Information
Argentina	Last Official Document Number	`AR_ODN_RANGE_REP`	Documents (Remitos) are not replicated to the CFIN system.	n/a
Argentina	Supplier Payments	`AR_SUPPLIER_PAYMENTS`	If Central Payments are activated for Argentina company code, certain processes are not supported. For more information, see the SAP Note 3290988.	n/a
Chile	Chile Form 50 Withholding Tax Report	`CL_WHT_F50`	The report currently cannot be used with a third-party interface.	n/a
Colombia	Generating DIAN 350 Withholding Tax Declaration	`CO_WHT_F350`	n/a	n/a

Country/Region	Task	Report Category	Additional Information	Accounting View of Logistic (AVL) Information
Israel	Tax and Book Depreciation (Yud Alef Form)	`IL_FXDAST_YUD_ALEF`	This report can be used **only** with Central Asset Accounting. For more information, see Central Asset Accounting.	n/a
Israel	Capital Gains Tax Report	`IL_FXDAST_TAX_GAIN`	This report can be used **only** with Central Asset Accounting. For more information, see Central Asset Accounting.	n/a
Peru	Inventory and Balance Ledger	`PE_INVENTORY_BALANCE_LEDGER`	n/a	n/a

<table>
<thead>
<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>
</thead>
<tbody>
<tr><td>Poland</td><td>SAF-T JPK_VAT with Declaration (JPK_V7M) - Monthly</td><td>PL_SAFT_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><thead><tr><th>Data</th><th>Central Finance System (GLO* Fields)</th></tr></thead><tbody><tr><td>Transaction Date</td><td>Transaction Date (BKPF-GLO_DAT1_HD)</td></tr></tbody></table>
KSeF (Krajowy System e-Faktur) reference number cannot be replicated from the source to Central Finance system.</td><td>n/a</td></tr>
</tbody>
</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>Poland</td><td>SAF-T JPK_VAT with Declaration (JPK_V7K) - Quarterly</td><td>PL_SAFT_VAT_QUARTERLY</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>Transaction Date</td><td>Transaction Date (BKPF-GLO_DAT1_HD)</td></tr></table>
KSeF (Krajowy System e-Faktur) reference number cannot be replicated from the source to Central Finance system.</td><td>n/a</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>Poland</td><td>SAF-T Accounting Ledgers (JPK_KR)</td><td>PL_SAFT_KR</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>Transaction Date</td><td>Transaction Date (BKPF-GLO_DAT1_HD)</td></tr></table></td><td>n/a</td></tr>
</table>

<table>
<thead>
<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>
</thead>
<tbody>
<tr><td>Poland</td><td>SAF-T Accounting Books (JPK_KR_PD)</td><td><code>PL_SAFT_KR_PD</code></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><thead><tr><th>Data</th><th>Central Finance System (GLO* Fields)</th></tr></thead><tbody><tr><td>Transaction Date</td><td>Transaction Date (BKPF-GLO_DAT1_HD)</td></tr></tbody></table>
KSeF (Krajowy System e-Faktur) reference number cannot be replicated from the source to Central Finance system.</td><td>n/a</td></tr>
<tr><td>Poland</td><td>SAF-T Fixed Assets (JPK_ST_KR)</td><td><code>PL_SAFT_ST_KR</code></td><td>KSeF (Krajowy System e-Faktur) reference number cannot be replicated from the source to Central Finance system.

This report can be used only with Central Asset Accounting. For more information, see Central Asset Accounting.</td><td>n/a</td></tr>
</tbody>
</table>

Country/Region	Task	Report Category	Additional Information	Accounting View of Logistic (AVL) Information
Romania	General Ledger with Corresponding Accounts	`RO_GL_WCA`	n/a	n/a
Romania	Account Card	`RO_ACCOUNT_CARD`	n/a	n/a
Sweden	Payment Period to Suppliers	`SE_PTR_SUPPLIER`	The report currently cannot be used with a third-party interface.	n/a
United States	Form 1099C - Cancellation of Debt	`US_BAD_DEBT_1099C`	The report currently cannot be used with a third-party interface.	n/a

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 FPS01

Related Information

Central Payment
Statutory Reporting: Country/Region-Specific Reports in Central Finance

4.2.10.2 Central Finance with SAP Taulia

Business Details

You can use the SAP Taulia functionality in the context of Central Finance, provided SAP Taulia is integrated into the system responsible for executing payments.

For more details about the possible integration scenarios, see Integration with SAP Taulia.

Technical Details

Type	New
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 FPS01

Related Information

Financing with SAP Taulia

4.2.10.3 Actual Activity Rate Replication from Central Finance to Source System

Business Details

With this feature, you can replicate actual activity rates from Central Finance system to source systems.

Implementation Details

Plan activity rate replication for both directions is already available. The actual activity rate replication from CFIN to source is extended on the architecture of plan activity rate replication from CFIN to source.

A new customizing - **Switch PCCS Transfer in Activity Rate Replication** is available. You can switch off the primary cost component split transfer if you don't want to replicate it with activity rates. This feature works for both actual and plan activity rate replication.

Authorizations

No additional authorization is required.

Customizing

You need to define the transfer rules for central to source. To access this, **run transaction CFINIMG** and **navigate to Central Finance: Target System Settings > Activity Rate Replication > Define Transfer Rule for Activity Rate Replication from Central to Source.**

Effects on Existing Data

The actual activity rates replicated from the Central Finance system are saved into the corresponding source systems based on the defined transfer rules. Your existing actual activity rates with the same keys in the source systems will be overwritten.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	NA
Technical Object Name	
Application Component	`FI-CF-CCA` ()
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Ongoing Replication of Cost Rates

4.2.11 Real Estate Management

4.2.11.1 Contract and Lease Management

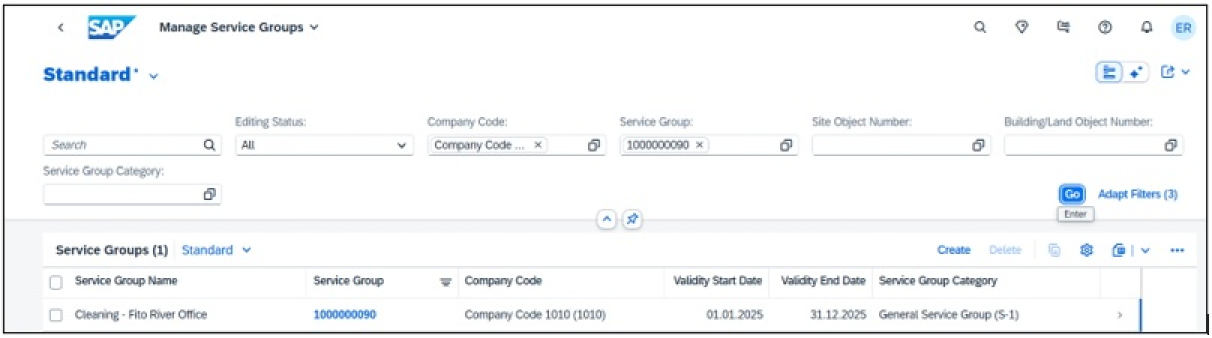
4.2.11.1.1 Manage Service Groups

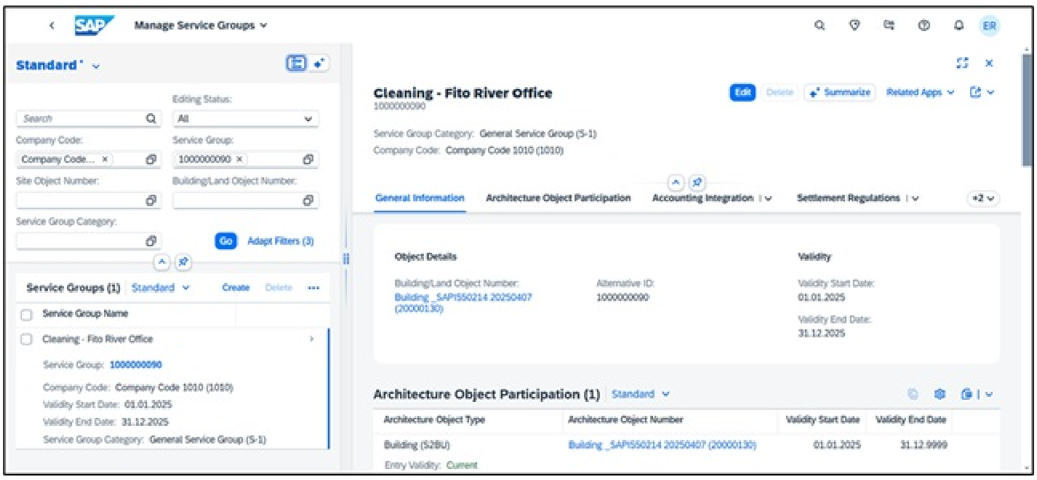
Business Details

With this app, you can create, edit, view, and delete service groups. Service groups allow you to categorize expenses, for example, electricity, insurance, and car rental, and maintain all master data that is relevant for the cost settlement process:

- The cost categories to be settled
- The account assignment objects to which the costs to be settled are posted
- The real estate objects participating in the settlement
- The type of settlement

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

Configuration

You must make settings in the following Customizing activities in Customizing for *Flexible Real Estate Management* under *Cost Settlement* > *Basic Settings for the Real Estate Cost Settlement*:

- Define Real Estate Cost Category
- Define Real Estate Cost Category Group
- Define Number Range for Service Group
- Define Real Estate Service Group Category
- Define Real Estate Settlement Procedure

For more information on these activities, please refer to the ABAP system documentation.

CDS Views

This app uses the `C_REServiceGroupTP` CDS view.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	not applicable
Technical Object Name	
Application Component	App ID: F7004
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

4.2.11.1.2 Manage Contract Settlement Regulations

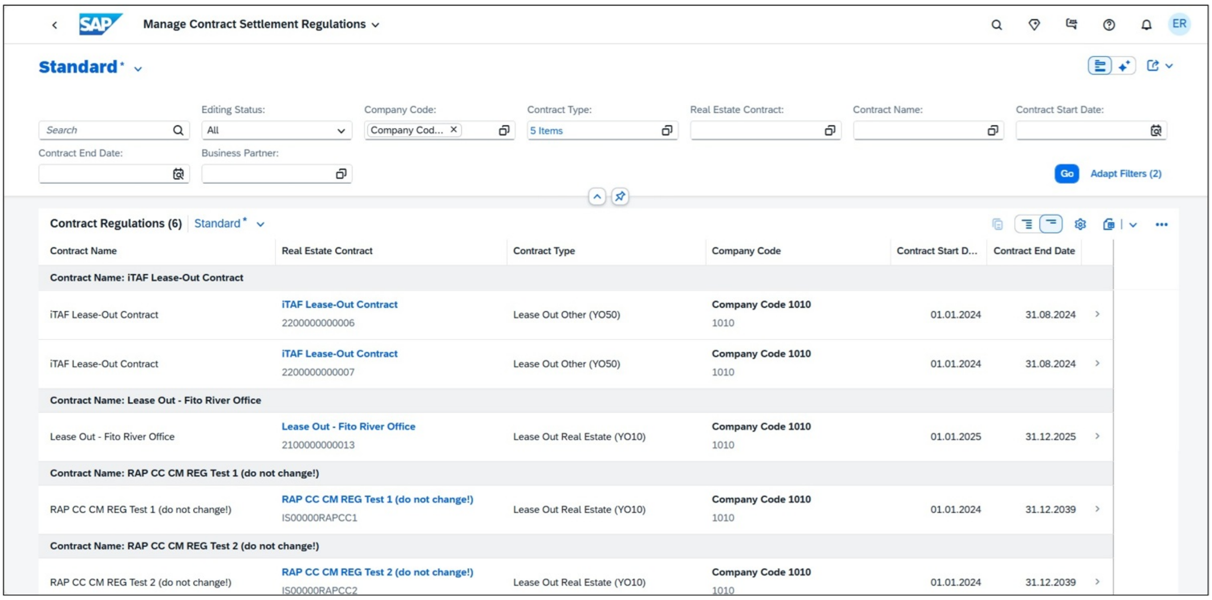
Business Details

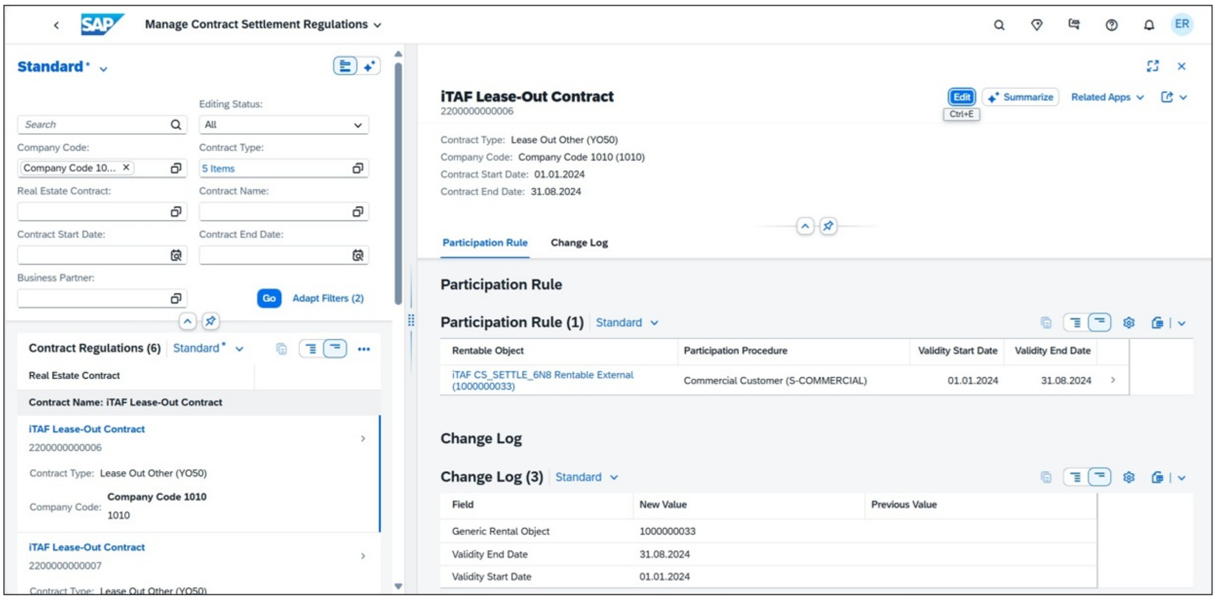
With this app, you can manage and maintain contract-specific settlement regulations in addition to regulations that are defined on service group level that are initially valid for all spaces participating in the settlement.

> Example
>
> Special agreements can be made with tenants with regards to settlement participation and the denominator that is used to calculate the tenant's share.

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

Configuration

You must make settings in the following Customizing activities in Customizing for *Flexible Real Estate Management* under *Cost Settlement* > *Settings for Settlement and Participation Procedure*:

- Define Real Estate Settlement Procedure
- Assign Settlement Procedure to Company Code
- Define Real Estate Participation Procedure
- Assign Participation Procedure to Settlement Procedure
- Define Participation per Cost Category
- Define Participation Procedure for Contract/ Usage Type

For more information on these activities, please refer to the ABAP system documentation.

CDS Views

This app uses the `C_REContrSettlmtRglnTP` CDS view.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	`App ID: F7053`
Application Component	`RE-FX-CS` (*Cost Settlement*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

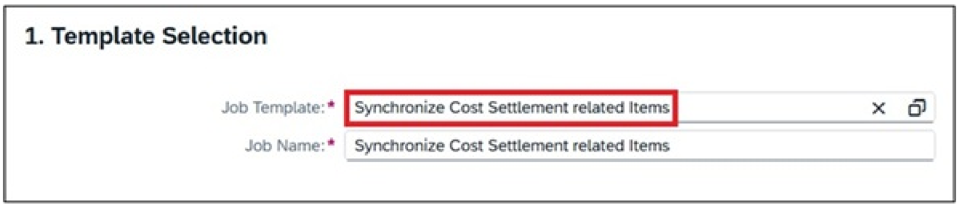
4.2.11.1.3 Synchronize Cost Settlement Related Items

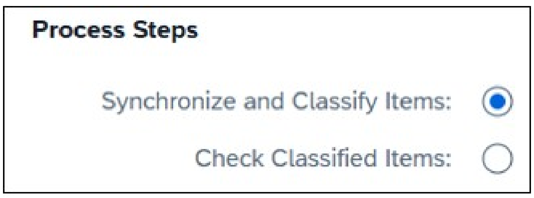
Business Details

With this job scheduling app, you can synchronize or check journal entry items that are relevant for the cost settlement process. To do so, use the *Synchronize Cost Settlement related Items* job template.

> ⓘ Note
>
> By default, the journal entry items are synchronized and classified.

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

Prerequisites

Journal entry items must be available in the system.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`App ID: F7163`
Application Component	`RE-FX-CS` (*Cost Settlement*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

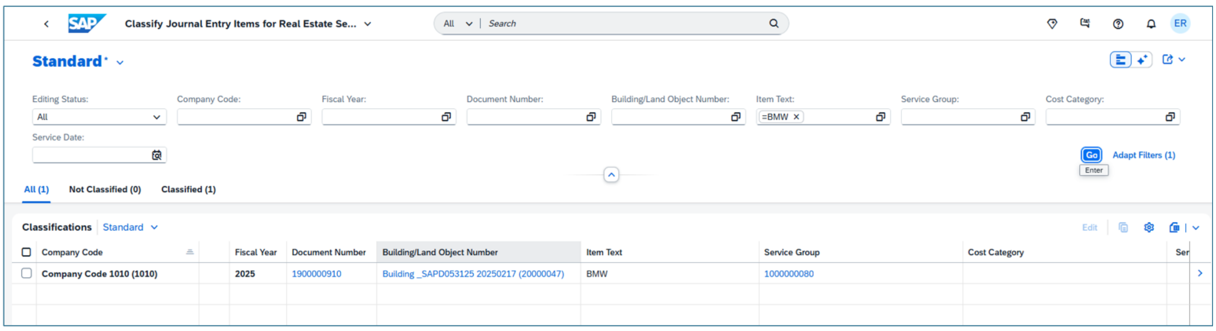
4.2.11.1.4 Classify Journal Entry Items for Real Estate Settlement

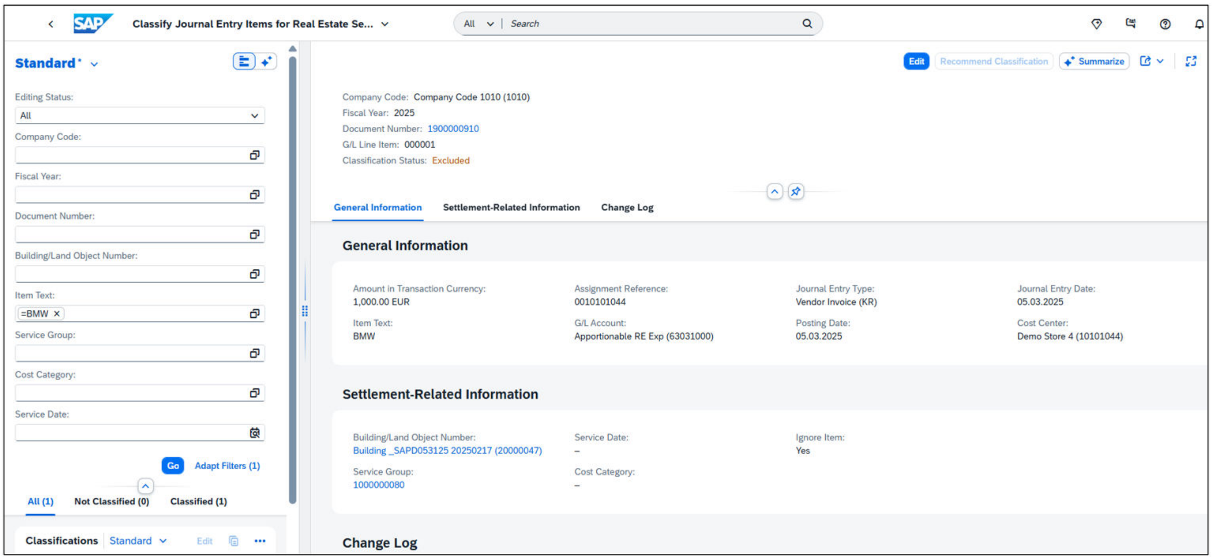
Business Details

With this app, you classify the journal entry items to be considered in the cost settlement process.

Posting and classifying journal entry items are two distinct processes. If the journal entry items are **not** included in a settlement run, you can reclassify them and don't have to post invoices again.

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

Prerequisites

The journal entry items have been synchronized. For more information, see Synchronize Cost Settlement Related Items [page 175] .

Configuration

You must make settings in Customizing for *Flexible Real Estate Management (RE-FX)* under *Cost Settlement* › *Integration with Financial Accounting* › *Define Cost Element/ GL Account Assignment*.

CDS Views

This app uses the `C_RECostSettlmtClassfctnTP` CDS view.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	`App ID: F7054`
Application Component	`RE-FX-CS` (*Cost Settlement*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

4.3 Treasury Management

4.3.1 Cash and Liquidity Management

4.3.1.1 Start Mass Replacement of Powers of Attorney

Business Details

> Note
>
> This new feature is available as of:
>
> - 2025 FPS01
> - 2023 SPS05

With this feature, you can initiate the replacement of multiple powers of attorney due to changes to the authorized representatives. At the end of the new guided process, the successor powers of attorney are either **created** (status: **Created**) or **created and automatically submitted for approval** (status: **In Approval**).

If it is necessary to add new authorized representatives to an active power of attorney, remove assigned authorized representatives, or replace them with other authorized representatives, you cannot do this by making changes directly to the affected power of attorney. Instead, you need to create a successor power of attorney and assign the "old" power of attorney to it as a predecessor. The new **Start Mass Replacement** function now supports you when you need to make the same change to the authorized representatives for multiple powers of attorney. In this way, the creation process of the successor powers of attorney is accelerated and simplified. Within the guided process, you can assign the approver groups to the new authorized representatives individually for each successor power of attorney.

To use this function, the same changes must be made to the authorized representatives for all selected powers of attorney:

- Add one or more authorized representatives to multiple powers of attorney.
- Remove one or more authorized representatives assigned to multiple powers of attorney.
- Replace one or more authorized representatives assigned to multiple powers of attorney with others.

ⓘ Note

The replacement of authorized representatives takes place in two steps. You first remove one or more authorized representatives and then you add one or more authorized representatives. The system does not check the number of authorized representatives that are removed or added. For example, it is possible to remove one authorized representative and add two new authorized representatives.

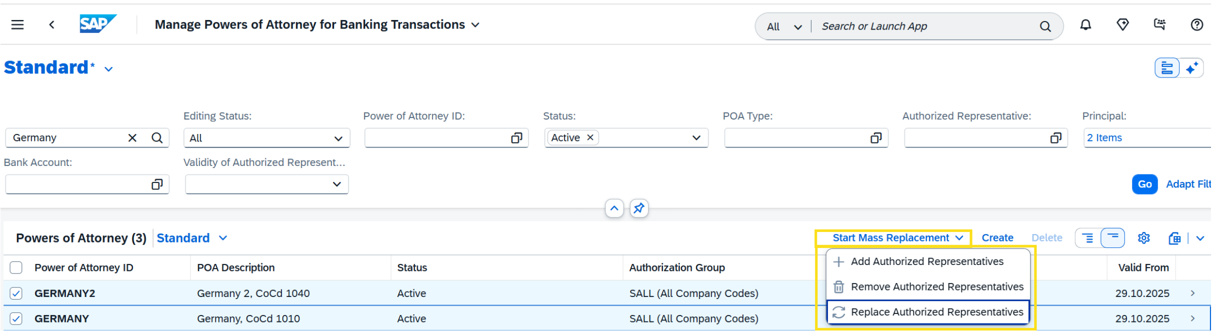
ⓘ Note

- If you choose the **Create** button at the end of the guided process, the successor powers of attorney acquire the status **Created** and you can make additional changes to the successors individually.
- The replacement process is not finished with the creation of the successor powers of attorney. For more information, see also Replacing a Power of Attorney | SAP Help Portal.

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	NA
Technical Object Name	`App ID: F5742`
Application Component	`FIN-FSCM-CLM-BAM` (*Bank Account Management*)
Availability	SAP S/4HANA Cloud Private Edition

Valid as Of	2025 FPS01

Related Information

Start Mass Replacement

4.3.1.2 Usability Improvements in 'Manage Powers of Attorney for Banking Transactions' App

ⓘ Note

This change feature is available as of:

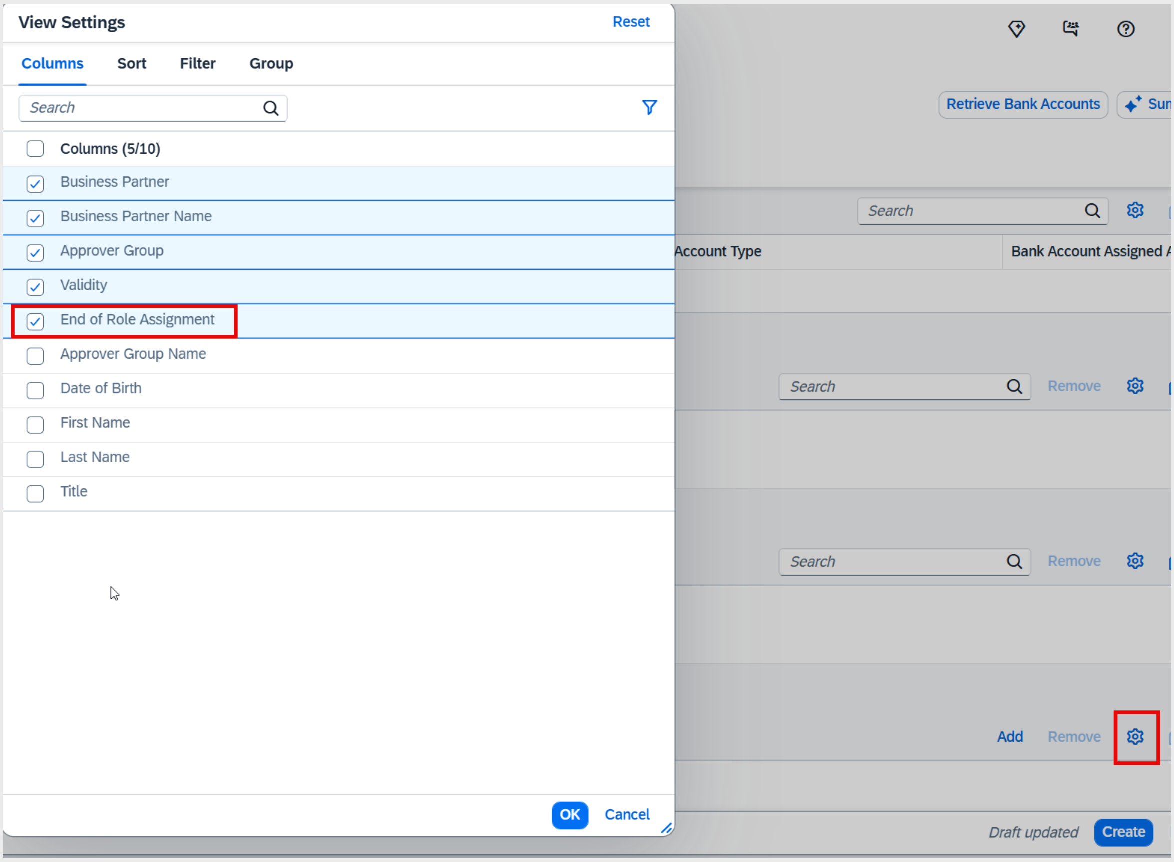
- 2025 FPS01
- 2023 SPS05

Business Details

With this feature, usability of the **Manage Powers of Attorney for Banking Transactions** app is improved by the following changes:

- You can find powers of attorney using the new filters:
  - POA type
  - Authorized Representative
  - Bank Account
  - Validity of Authorized Representative
- The contract type of bank accounts is now available as selection field in bank account selections.
- You can view the new **End of Role Assignment** column in the **Authorized Representatives** table.

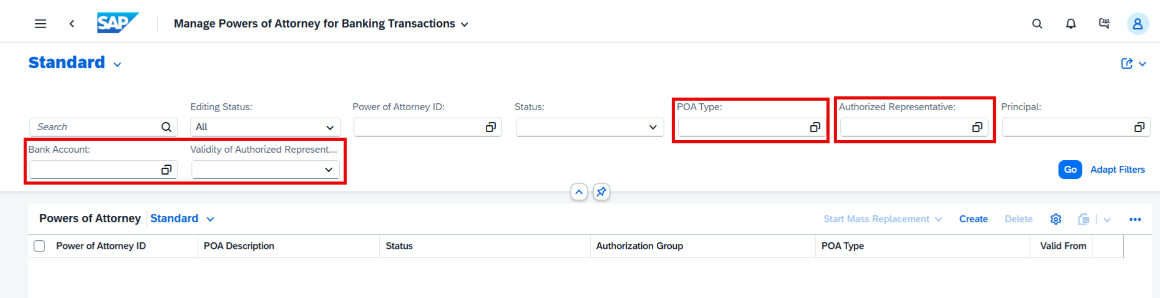
The new column **End of Role Assignment** displays the valid-to date of the validity period of the authorized representative role assignment in the business partner data.

> ⓘ Note
>
> To see the new **End of Role Assignment** column in the **Authorized Representatives** table, you must select it in the table's settings.
>
> 
>

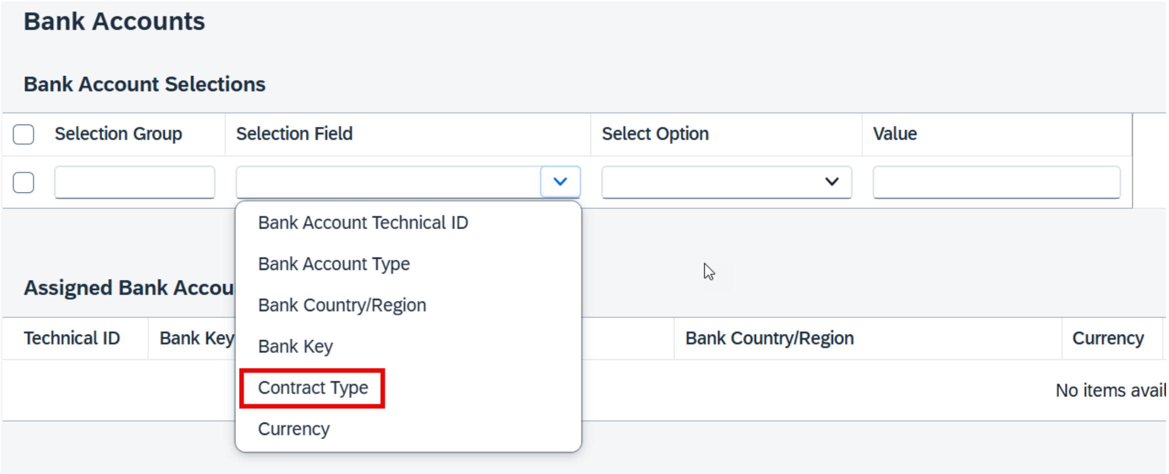
Examples of the User Interface

> ⓘ 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.

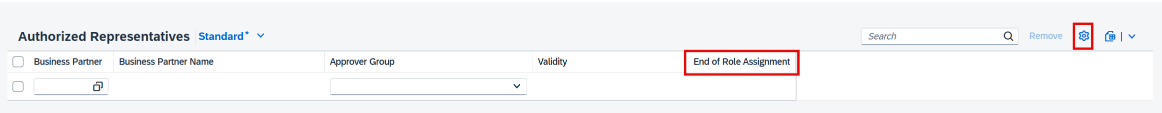
- New filters **POA Type**, **Authorized Representative**, **Bank Account** and **Validity of Authorized Representative** are now available.



- New selection field **Contract Type** in bank account selections



- New column **End of Role Assignment** in **Authorized Representatives** table



Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	NA
Technical Object Name	App ID:`F5742`
Application Component	`FIN-FSCM-CLM-BAM` (*Bank Account Management*)
Availability	SAP S/4HANA CLOUD Private Edition
Valid as Of	2025 FPS01

Related Information

Manage Powers of Attorney for Banking Transactions

4.3.1.3 Display Validity of Authorized Representatives in Powers of Attorney

Business Details

> ⓘ Note
>
> This new feature is available as of:
>
> - 2025 FPS01
> - 2023 SPS05

With this feature, the validity status of the authorized representatives in a power of attorney is displayed in the **Manage Powers of Attorney for Banking Transactions** app. This is important because this validity status can change during the runtime of the power of attorney from **Valid** to **Invalid**, after which the power of attorney must be either replaced or revoked.

The validity of an authorized representative in a power of attorney depends on whether the validity period of the power of attorney matches the validity period of the role **Authorized Representative** in the business partner data of the authorized representative.

- When creating a power of attorney, you can assign as an authorized representative only business partners who have the role **Authorized Representative** throughout the validity period of the power of attorney.
- The validity switches to **Invalid** as soon as the validity period of the role **Authorized Representative** in the business partner data of the authorized representative no longer matches the validity period of the power of attorney. This can happen, for example, if the authorized representative leaves the company, which causes the validity period of the role **Authorized Representative** in the business partner data of that authorized representative to end before the valid-to date of the power of attorney.

If the validity of the authorized representative switches to **Invalid**, you can see this in the new column **Validity of Authorized Representatives** in the overview table of powers of attorney as well as in the new column **Validity** in the **Authorized Representatives** table.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	NA
Technical Object Name	App ID:`F5742`
Application Component	`FIN-FSCM-CLM-BAM` (*Bank Account Management*)
Availability	SAP S/4HANA Cloud Private Edition

Valid as Of	2025 FPS01

Related Information

Manage Powers of Attorney for Banking Transactions

4.3.1.4 Compare Powers of Attorney

> ⓘ Note
>
> This new feature is available as of:
>
> - 2025 FPS01
> - 2023 SPS05

Business Details

With this feature, you can compare a power of attorney either with its predecessor or with any other power of attorney. During the comparison, for each object that is assigned to the powers of attorney, the system checks whether it is assigned to only one or both of the powers of attorney.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	NA
Technical Object Name	App ID:`F5742`
Application Component	`FIN-FSCM-CLM-BAM` (*Bank Account Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Comparing Powers of Attorney

4.3.1.5 Manage Powers of Attorney - Contract Type Available as Selection Field for Bank Account Selection

Business Details

> ⓘ Note
>
> This change feature is available as of:
>
> - 2025 FPS01
> - 2023 SPS05

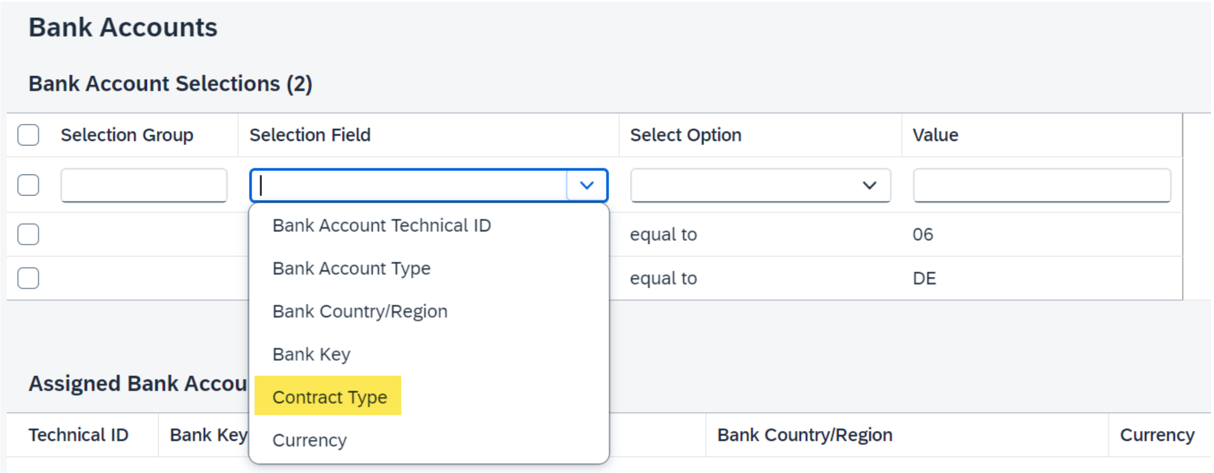
With this feature, you can now also use the contract type of the bank accounts to select the relevant bank accounts of a power of attorney in the **Manage Powers of Attorney for Banking Transactions** app.

The contract type of a bank account indicates the contractual relationship of the bank account and its financial service provider. The contract types are predefined by SAP.

- **Current Account**
- **Technical Account**
- **In-House Bank Account**
- **Payment Service Provider Account**
- **Others**

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.



Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	NA
Technical Object Name	App ID:`F5742`
Application Component	`FIN-FSCM-CLM-BAM` (*Bank Account Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Manage Powers of Attorney for Banking Transactions

4.3.1.6 Approval Workflow for Powers of Attorney

Business Details

> ⓘ Note
>
> This feature is available as of:

- 2025 FPS01
- 2023 SPS05

With this feature, you can use an approval workflow for your powers of attorney that simplifies the approval process and allows you to set up an approval process where either one or more than one person must approve the power of attorney before the power of attorney is set to **Active** . The approval workflow can contain email notifications that are sent automatically to approvers or to the users who are responsible for maintaining the power of attorney.

The workflow requires that you define for the power of attorney approval at least one team consisting of the approvers and persons to be notified about the approval result.

- You can set up the default workflow without email notification. This standard workflow stipulates that only one person has to approve the power of attorney.
- You can set up a custom workflow without email notification.
- You can set up a custom workflow with email notification.

In all cases, the approvers receive a task in the **My Inbox - All Items** app when a power of attorney is submitted for approval in the **Manage Powers of Attorney for Banking Transactions** app. In a workflow with email notifications, the approvers receive an email in addition to receiving a task. From this email, the approver can navigate to the **My Inbox - All Items** app to check the correctness and completeness of the data of the power of attorney there. After the check, the approver can either approve or reject the data.

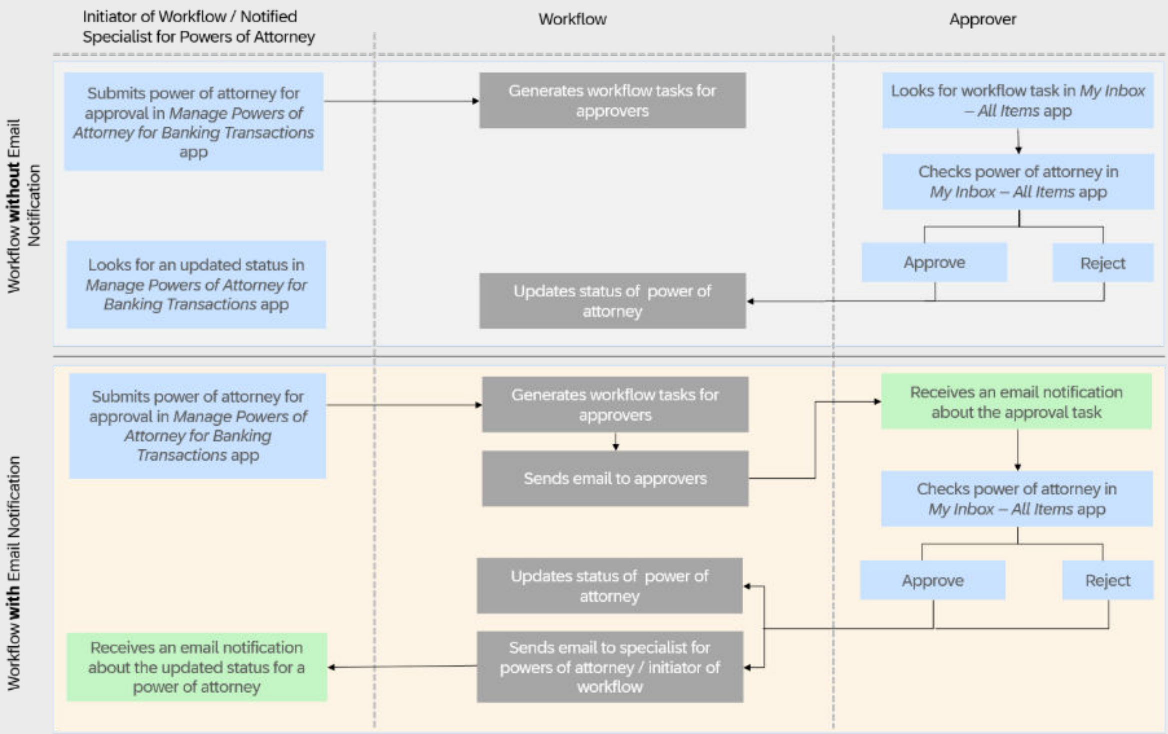
- If the power of attorney is approved, the power of attorney gets the status **Active** and can be implemented. In a workflow with email notification, you can send the person responsible an email about the activation.
- If the approver rejects the data of the power of attorney, the power of attorney gets the status **Created** and the data then needs to be corrected. In a workflow with email notification, you can send the person responsible an email about the rejection.

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.

ⓘ Note



If you use the approval workflow, the following two new intermediate statuses for a power of attorney are available:

- **Starting Approval Workflow**

Only relevant if the approval workflow is used.

This status is an intermediate status.

When the power of attorney is submitted for approval in the **Manage Powers of Attorney for Banking Transactions** app, the system now needs to start the approval workflow and, because this takes time, the power of attorney gets the intermediate status **Starting Approval Workflow**. Once the workflow is started, the power of attorney then gets the status **In Approval**.

- **Stopping Approval Workflow**

Only relevant if the approval workflow is used.

This status is an intermediate status.

When the power of attorney is withdrawn from approval in the **Manage Powers of Attorney for Banking Transactions** app, the system now needs to stop the approval workflow and, because this takes time, the power of attorney gets the intermediate status **Stopping Approval Workflow**. Once the workflow is started, the power of attorney then gets the status **Created**.

Implementation Details

Authorizations

- Users assigned as approvers need the authorization provided with the business catalog **Cash Management - Powers of Attorney for Banking Transactions** (**SAP_FIN_BC_CM_POA_PC**).
- The **My Inbox - All Items** app is available with the business catalog **Business Process Management - My Inbox** (SAP_CA_BC_MYINBOX_PC), which is assigned to the business role template **Employee** (SAP_BR_EMPLOYEE).

Information about the apps that might be needed during the setup phase of the power of attorney approval workflow:

- The **Maintain Email Templates** app is available with the business role template **SAP - Extensibility Specialist** (SAP_BR_EXTENSIBILITY_SPECIALIST).
- The **Manage Workflows - For Bank Accounts** app is available with the business role template **Cash Management Specialist** (SAP_BR_CASH_SPECIALIST).
- The **Manage Teams and Responsibilities** app is available with the business catalog **Responsibility Management** - Teams (SAP_CA_BC_RSM_PC), which in turn is available with the business role template **Business Process Specialist** (SAP_BR_BUSINESS_PROCESS_SPEC).

Customization

- In the **Define Basic Settings** configuration activity of Cash and Liquidity Management, you must select **Workflow** in the new **Power of Attorney Approval Mode** field.
- The following functions have been predefined in the configuration of Responsibility Management for the team type **Power of Attorney for Banking Transactions** (SFCLM_POA):
- **Power of Attorney Approval** (**SFCLM_POAA**)

This function must be assigned to the team members that are approvers.

- **Power of Attorney Notification** (**SFCLM_POAN**)

This function must be assigned to the team members who are responsible for implementing the powers of attorney or to the workflow initiator.

- However, Responsibility Management also allows you to define functions of your own in the configuration that are appropriate to your processes. For more information, see also Define Functions | SAP Help Portal .

Technical Details

Type	New
Functional Localization	No localization
Scope Item	NA

Technical Object Name	App ID:`F5742` New Approval Workflow: • Workflow Scenario Number: `WS31000055` • Workflow Scenario Abbreviation: `FCLM_POA` • Workflow Scenario Description: **Power of Attorney Approval**
Application Component	`FIN-FSCM-CLM-BAM` (*Bank Account Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Set Up Approval Workflow for Powers of Attorney

4.3.1.7 Power of Attorney Type

Business Details

> Note
>
> This new feature is available as of:
>
> - 2025 FPS01
> - 2023 SPS05

With this feature, you can define power of attorney types to distinguish different kinds of powers of attorney. The power of attorney type must be assigned to a power of attorney during its creation in the **Manage Powers of Attorney for Banking Transactions** app.

Implementation Details

Customizing

In the new customizing activity **Define Power of Attorney Types**, you can define your own power of attorney types.

Effects on Existing Data

Technical Details

Type	New
Functional Localization	No localization
Scope Item	NA
Technical Object Name	App ID:`F5742`
Application Component	`FIN-FSCM-CLM-BAM` (*Bank Account Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Powers of Attorney for Banking Transactions

4.3.1.8 Create PDF for Power of Attorney

Business Details

> ⓘ Note
>
> This new feature is available as of:
>
> - 2025 FPS01
> - 2023 SPS05

With this feature, you can create a PDF file for an active power of attorney. The PDF file contains basic information of the power of attorney including the details of the assigned payment approval rule. The generated PDF is automatically assigned on the **Attachments** tab.

- The new **Create PDF** button is only available in the edit mode of active powers of attorney.
- The feature requires the Output Management (scope item 1LQ Output Management).
- SAP delivers the content form template FCLM_BAM_POA as form template for the PDF generation.

Implementation Details

Authorizations

- The new **Assign Form Templates** to POA Types configuration object is available with business catalog **Bank Relationship Management** - Configuration (SAP_CA_BC_IC_LND_FIN_CM0_PC) / IAM app variant **Assign Form Templates to POA Types** (IMG Activity->Bank Account Management->Assign Form Templates to POA Types).

This business catalog /IAM app variant are assigned to business role template **Configuration Expert - Business Process Configuration** (SAP_BR_BPC_EXPERT).

- The Output Management apps are available with business catalogs **Output Management - Form Templates** (SAP_CORE_BC_OM_FT), **Output Management - Logos** (SAP_CORE_BC_OM_LOGO), and **Output Management** - Texts (SAP_CORE_BC_OM_TEXT).

These business catalogs are assigned to business role template **Extensibility Specialist** (SAP_BR_EXTENSIBILITY_SPEC).

Customizing

In the new customization **Assign Form Templates to POA Types** available in your configuration environment, you can assign a custom form template for each power of attorney type.

- You can assign a custom form template to one or multiple power of attorney types.
- You can make a custom form template assignment relevant for all power of attorney types. In this table entry, you leave the field for the power of attorney type empty. This custom form template is then used if you have not assigned a special custom form template to a power of attorney type.

If you do not assign a form template for a power of attorney type and do not make a custom form template assignment relevant for all power of attorney types, the system uses the SAP standard content form template FCLM_BAM_POA based on the data source FDP_FCLM_BAM_POA_SRV.

Effects on Existing Data

> ⓘ Note
>
> Use the Maintain Form Templates | SAP Help Portal, Manage Logos | SAP Help Portal, and Manage Texts | SAP Help Portal apps of the Output Management to create your own content form templates and master form templates. You can assign your custom master form template, footer, and logo in the **Define Rules for Determination of Master Form Template** configuration object available in your configuration environment.
>
> - The **Manage Powers of Attorney for Banking Transactions** app does not adopt output control.
> - The **Manage Powers of Attorney for Banking Transactions** app is currently not enabled for field extensibility, therefore only SAP standard fields can be used.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	NA
Technical Object Name	App ID:`F5742`
Application Component	`FIN-FSCM-CLM-BAM` (*Bank Account Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Manage Powers of Attorney for Banking Transactions

4.3.2 Treasury and Risk Management

4.3.2.1 Enhancements in Debt and Investment Maturity Profile

Business Details

With this feature, interest rate swaps (product category `620`) and interest flows are also available in the *Debt and Investment Maturity Profile* app (App ID: `F3130`). Therefore, the new filters *Interest Category*, *Interest/Repayment*, *Reference Number*, and *Reference Interest Rate* are available.

- With the availability of interest rate swaps and interest rate flows, you can now also use the *Debt and Investment Maturity Profile* app to analyze your interest rate exposure.
- With the new filter *Interest Category*, you can filter only the fixed interest flows, only the variable interest flows, or both types of interest flows.
- With the new *Interest/Repayment* filter, you can filter only the repayment flows for the classic use of the app, filter only the interest flows to get an overview of the interest exposure, or filter repayments and interest flows for the overall overview.
- If you have assigned the interest rate swaps to their hedged interest rate exposures with the new reference category *Interest Rate Exposure*, you can use the new filter *Reference Number* to report this single interest rate exposure.
- You can use the new *Reference Interest Rate* filter to get an overview of your asset and debt balance, as well as the interest rate exposure related to this reference interest rate.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1WV
Technical Object Name	App ID: `F3130`
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

New Reference Category for Interest Rate Exposures [page 194]
Debt and Investment Maturity Profile

4.3.2.2 New Reference Category for Interest Rate Exposures

Business Details

With this feature, you can create references using the new reference category *Interest Rate Exposure* (`IRE`) with *Create Reference* app (App ID: `TBR6`). Use this reference category, for example, to reference a securities account position of an issued bond with variable interest flows with the interest rate swap which is used to hedge the variable interest flow.

You can analyze financial transactions/securities account positions related by this reference category in the *Debt and Investment Maturity Profile* app.

Technical Details

Type	Changed
Functional Localization	No localization

Scope Item	1WV
Technical Object Name	App ID: TBR6 (*Create Reference*)
Application Component	FIN-FSCM-TRM (*Treasury and Risk Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Enhancements in Debt and Investment Maturity Profile [page 193]
Reference
Debt and Investment Maturity Profile

4.3.2.3 Copy Interest Rate Swaps

Business Details

With this feature, you can create a new interest rate swap by copying an existing interest rate swap (product category 620).

The copy function (transaction TO09) is also available with the following apps:

- *Manage Financial Transactions* (App ID: F6157)
- *Process IR Derivatives - Collective Processing* (App ID: TI92)

> ⓘ Note
>
> Usually, the trader is also copied and only if the *Trader* field is not filled, the trader is derived. However, if you always want to derive the trader when you copy a financial transaction, you must set the indicator *Der.Trader* in the *Define User Data* app.

> ⓘ Note
>
> This new feature is also available with SAP S/4HANA 2023 SPS05.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1WV
Technical Object Name	Transaction code: `TO09` (Copy Swap) App ID: `F6157` App ID: `TI92`
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Process IR Derivatives - Collective Processing
Derivation of Trader when Copying Financial Transactions [page 198]
Manage Financial Transactions

4.3.2.4 Copy Security Transactions

Business Details

With this feature, you can create a new security transaction by copying an existing security transaction.

The copy function (transaction`TS12`) is available for security transactions related to security classes of the following product categories:

- `010` *Stock*
- `020` *Investment Fund*
- `030` *Subscription Right*
- `040` *Bond*
- `041` *Drawable Bond*
- `160` *Shareholding*

The copy function is available with the following apps:

- *Manage Financial Transactions* (App ID: `F6157`)

- *Process Security Transactions - Collective Processing* (App ID: `TS00`)

> ⓘ Note
>
> Usually, the trader is also copied and only if the *Trader* field is not filled, the trader is derived. However, if you always want to derive the trader when you copy a financial transaction, you must set the indicator *Der.Trader* in the *Define User Data* app.

> ⓘ Note
>
> This new feature is also available with SAP S/4HANA 2023 SPS05.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1WV
Technical Object Name	Transaction code: `TO09` (Copy Swap) App ID: `F6157` App ID: `TI92`
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Derivation of Trader when Copying Financial Transactions [page 198]
Manage Financial Transactions
Process Security Transactions - Collective Processing

4.3.2.5 Derivation of Trader when Copying Financial Transactions

Business Details

With this feature, the new *Der.Trader* indicator is available in the *Define User Data* app.

During the copying process of a financial transaction, the trader is also copied. Only if the *Trader* field is not filled in the copied financial transaction, the trader for the new financial transaction is derived from the user data of the copier. However, if you always want to derive the trader from the user data during the copy process, you can now set the *Der.Trader* indicator in the *Define User Data* Customizing activity.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1WV, 1X1
Technical Object Name	Transaction Code: `S_ALR_87007933`
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

4.3.2.6 Additional Default Value Available for Amount Abbreviations

Business Details

With this feature, you can now use the default value **B**, which represents one billion when you enter an amount in amount fields that use the data element `TM_XBETRAG`. The field is commonly used in Treasury and Risk Management, especially in financial transaction management.

The amount field (`TM_XBETRAG`) is an input field for amounts using abbreviated forms. You can abbreviate amounts by using default values for one thousand (default 'T'), one million (default 'M'), and now also for one billion (default 'B') when entering data. The abbreviations are converted into the corresponding amount after data release.

Examples:

Abbreviation	Corresponding Amount
1.25M	1,250,000.00
1T	1,000.00
1T.50	1,000.50
1B	1,000,000,000.00

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1WV, 1X1
Technical Object Name	Data Element: `TM_XBETRAG`
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

4.3.2.7 Hedge Management and Accounting

4.3.2.7.1 New Business Add-In for a Custom Subscreen in the Hedge Request

Business Details

With this feature, you can add an additional screen area in hedge requests of the Hedge Management of Net Open Exposures process using the new Business Add-In *BAdI: Customer Subscreen in Hedge Request* (`BADI_TOE_HREQ_SCREEN`). The BAdI is always called when the *General* tab of a hedge request is displayed.

The following methods are available:

- `PUT_DATA_TO_SCREEN`
  This method transfers data to the customer screen.
- `GET_DATA_FROM_SCREEN`
  This method reads data from the customer screen.

Implementation Details

Customizing

The new Business Add-In is available in the Customizing of Treasury and Risk Management under *Transaction Manager* > *General Settings* > *Hedge Management* > *BAdI: Customer Subscreen in Hedge Request*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1X1
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 FPS01

4.3.2.7.2 Additional Fields in Hedge Request

Business Details

With this feature, the key figures *Net Exposures* and *Net Hedges* are also displayed in the *Analysis Item* area of an *FX Hedge Request*.

- The key figure *Net Exposures* is the sum of the *Incoming Exposure* and the *Outgoing Exposure* calculated for the snapshot date.
- The key figure *Net Hedges* is the sum of the nominal amounts of hedges at the time the hedge request is created for the key date that you entered in the *Hedge Management Cockpit*.

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	1X1
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 FPS01

Related Information

Hedge Request

4.3.2.7.3 New App: Manage FX Exposures

Business Details

With this feature, you can create and process FX exposures using the new *Manage FX Exposures* app (app ID: `F7990`). The app offers you a simple entry screen for your FX exposures, where only the most important information for an FX exposure needs to be entered. Nevertheless, the app provides an authorization and status concept to ensure that at least two persons are involved in the FX exposure creation process. In hedging areas, you can hedge these FX exposures.

- In the *Manage FX Exposures* app, you must enter the correct sign for the amount of an FX exposure.
  - For an incoming exposure, the sign of the FX exposure amount must be positive.
  - For an outgoing exposure, the sign of the FX exposure amount must be negative.
- The field *Reason* is available for the status change of the FX exposures.
  When you reset a status, for example, when you manually set an already released FX exposure to created or when you set an FX exposure to obsolete, you can enter the reason for this status switch.
- The *Manage FX Exposures* app also offers you the possibility to create FX exposures by uploading the data from a spreadsheet.
- In the *Define Hedging Areas* app, you can define filters for exposures based on the new data source `E_FXEM` *Foreign Exchange Exposure Management* in hedging areas.
- The *Take Snapshot* app is enabled to take snapshots of FX exposures entered in *Manage FX Exposures* app.
- In the *Hedge Management Cockpit* app, the exposure items based on FX exposures entered in *Manage FX Exposures* app are displayed. The drilldown shows the data read from FX Exposure Management tables for the snapshot and saved in the snapshot tables. It is not possible to jump to the *Manage FX Exposures* app from the Hedge Management Cockpit.

Implementation Details

Authorizations

For this process, you must authorize users to enter and update the FX exposures and users responsible to check the FX exposures. The authorization object *FX Exposure Management* (`F_FXEM`) is available.

This authorization object contains the following fields and values:

- BUKRS *Company Code*
- FXEXPTYPE *FX Exposure Type ID*
- ACTVT *Activity*
    - `01` *Add or Create*
      Enables users to create an FX exposure.
    - `02` *Change*
      Enables users to process FX exposures with the status Created (actions *Edit*, *Submit*, and *Set to Obsolete*).
    - `03` *Display*
      Enables users to display FX exposures.
    - `43` *Release*
      Enables users to release or reject FX exposures with the status *Submitted*.
    - RE *Restart*
      Enables users to set already released FX exposures back to status *Created* using the *Set to Created* action.
    - RT *Reset*
      Enables users to reset already submitted FX exposures back to status *Created* using the *Send for Update* action.

Customizing

- *Define FX Exposure Types*
  In this new Customizing activity, you define FX exposure types to differentiate the FX exposures. In the definition of an FX exposure type, you choose the relevant attributes for the FX exposures of this type by setting the indicator for each relevant field:
    - *Portfolio*
    - *Cost Center*
    - *Profit Center*
    - *Country/Region*
    - *WBS Element*
    - *On Behalf of Company Code*
    - *Segment*

  If you select an indicator for a field, it must be filled for each FX exposure of this FX exposure type.
  If you do **not** set an indicator, you cannot assign a value for this field to the FX exposures of this FX exposure type.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1X1
Technical Object Name	App ID: `F7990`
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage FX Exposures

4.3.2.7.4 OData API: Foreign Exchange Exposures

Business Details

With this feature, you can create, read, and process foreign exchange exposures using the new inbound OData service *Foreign Exchange Exposures*. FX exposures are planned incoming or outgoing foreign currency cash flows that bear the risk of financial losses due to exchange rate fluctuations. They can be entered and processed manually using the *Manage FX Exposures* app or with this service.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1X1
Technical Object Name	`API_FXEM_FXEXPOSURE`
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Foreign Exchange Exposure

4.3.2.8 OData API: Treasury Trade Request - Read, Create

Business Details

With this feature, you can read treasury trade requests and create manual trade requests using the new API *Treasury Trade Request - Read, Create* (`API_TREASURYTRADEREQUEST`).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1X1, 1WV, 2F5
Technical Object Name	`API_TREASURYTRADEREQUEST`
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Treasury Trade Request - Read, Create

4.4 Financial Operations

4.4.1 Invoice Management

4.4.1.1 Manage Automatic Payments

Business Details

You can now specify whether a payment batch should be created automatically when using the Bank Communication Management (BCM) solution.

While defining the parameters for setting automatic payments, you can now switch off the *Create Payment Batch* option. This allows you to skip the automatic creation of payment batch after the payment run is complete.

If you want to skip the automatic creation of the payment batch by default, select the *Skip Automatic Payment Batch Creation (Fiori)* checkbox. To access this setting, go to the Customizing Activity *Bank Communication Management* > *Basic Setting* > *Basic Settings for Approval*.

> **Note**
>
> This change is available as of:
>
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2023 SPS05
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2025 FPS01

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	J60 (Accounts Payable)
Technical Object Name	App ID: `F0770`
Application Component	`FI-FIO-AP-PAY` (*Payment Apps*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Automatic Payments

4.4.1.2 Notes Section in DMEEX

Business Details

As of now, you can add notes about your format tree directly in the nodes and format mapping properties of the DMEEX (Extended Data Medium Exchange Engine) tool.

Implementation Details

Effects on Existing Data

There is a new *Notes* tab available in every format tree node and also in the format tree properties. You can add your notes in the *Detailed Description* field.

During migration of the format trees from DMEE to the DMEEX, the content of the DMEE *Comment* field is going to be automatically transferred to the DMEEX *Detailed Description* field.

Synchronization

Technical Details

Type	New
Functional Localization	No localization

Scope Item	J60 (Accounts Payable) 3QM (Treasury Correspondence Integration with SWIFT Network) 4MT (Adavanced Payment Management) J78 (Advanced Cash Operations) 1WV (Debt and Investment Management) 1X1 (Foreign Currency Risk Management) 1X3 (Interest Rate Derivatives Management) BFB (Basic Cash Operations)
Technical Object Name	Transaction: `DMEEX`
Application Component	`CA-GTF-CSC-DME` (*Data Medium Exchange Engine*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Extended Data Medium Exchange Engine (DMEEX)

4.4.2 Financing with Taulia

4.4.2.1 Cancellation of Receivables Financing Documents

Business Details

The *Manage Receivables Financing Documents* app now includes a *Cancel* button to allow for manual cancellation of receivables financing documents. This enhancement allows AR managers of the seller company to terminate the financing process of financed receivables regardless of whether the funder prepayment has been received, providing greater flexibility and control over the financing process.

Here's how the cancellation process works:

- If the funder has not made a prepayment for a financed receivable:
  When a cancellation request is received from SAP Taulia or when a cancellation is initiated manually via the *Cancel* button, the system reverses the posting of the financed receivable and cancels the receivables financing document.
- If the funder has already made a prepayment for a financed receivable:

When a cancellation request is received from SAP Taulia or when a cancellation is initiated manually via the *Cancel* button, the system cancels the receivables financing document and generates a payable payment posting to refund the funder.

In these scenarios, the receivables financing document is either in the *Posted*, *Posting Failed* or *Funded* status. Once canceled, the receivables financing document is set to the *Canceled* status. For more information, see Status Flow of Receivables Financing Documents and Receivable Items.

Implementation Details

Authorizations

To enable users to manually cancel a receivables financing document in the *Manage Receivables Financing Documents* app, their business users need to have the *Accounts Receivable - Receivables Financing Document Cancelation* (`SAP_FIN_BC_AR_TRF_DOC_CANC_PC`) business catalog assigned. SAP delivers the *Accounts Receivable Manager* (`SAP_BR_AR_MANAGER`) business role template for your reference.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7DX (Receivables Financing with Taulia)
Technical Object Name	App ID: `F7983`
Application Component	• `FI-FIO-AR` (*Fiori UI for Accounts Receivable*) • `FI-AR-AR-RF` (*Receivables Financing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Receivables Financing
Status Flow of Receivables Financing Documents and Receivable Items

4.4.2.2 Cash Dominion in Receivables Financing

Business Details

A new financing type, *Limited Recourse (True Sale), Cash Dominion, Disclosed*, has been introduced for the receivables financing process. With this financing arrangement, the seller notifies the customer about the sale of the receivables. The cash dominion is with the funder. That is, the customer sends payments directly to the funder.

Process Flow

1. The seller issues customer invoices for the creation of early payment offers.
2. The seller submits early payment requests in SAP Taulia, triggering the creation of corresponding receivables financing documents in SAP S/4HANA.
3. The receivables financing documents are posted automatically in SAP S/4HANA.
4. The seller receives prepayments from the funder.
5. The customer pays the funder.
6. The seller receives remittance advices from the funder with customer payment details.
7. The financed receivable items are cleared and the receivables financing documents are settled automatically.
8. The funder pays the seller for the retention amount.

For more information, see the **Financing Types and Process Flows** section in Receivables Financing.

Implementation Details

To enable the receivables financing process of this new type, ensure the following master data is defined and configuration settings are made:

Master Data

- You must create a master data record for each funder.
- You must set up a bank account with the *Pseudo Account for Working Capital* contract type.
- You must create a receivables financing agreement with the *Limited Recourse (True Sale), Cash Dominion, Disclosed* type in the *Manage Receivables Financing Agreements* app.

For more information, see Master Data.

Customizing

> ⓘ Note
>
> For this financing type, you must also make settings in *Define G/L Accounts for Payments in Transit* in the *Automatic Account Determination* customization. For more information, see Customizing for Receivables Financing.

Technical Details

Type	Changed
Functional Localization	Localized for Canada, Switzerland, the United Kingdom, Singapore, and Mexico
Scope Item	7DX (Receivables Financing with Taulia)
Technical Object Name	App ID: • `F8158` • `F7983`
Application Component	• `FI-FIO-AR` (*Fiori UI for Accounts Receivable*) • `FI-AR-AR-RF` (*Receivables Financing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Receivables Financing
Customizing for Receivables Financing
Master Data
Manage Receivables Financing Agreements
Status Flow of Receivables Financing Documents and Receivable Items

4.4.2.3 Dynamic Discounting with Credit Memos

Business Details

The dynamic discounting scenario in Payables Financing now supports posting discounts via credit memos.

Dynamic discounting is a financial strategy that allows suppliers to receive early payments from buyers by offering discounts on invoices. Previously, the dynamic discounting process only supported the *Invoice Adjustment* discount type, which offers the discount directly against the original invoice amount. Now, a new discount type, *Discount by Credit Memo*, has been introduced. When a discount is considered a rebate, it can now be posted with a credit memo in the SAP S/4HANA system on a date agreed upon by the supplier and buyer. This ensures businesses accurately report deductions in trade payables and value-added tax (VAT) liabilities to tax authorities.

Process Flow

1. The buyer posts supplier invoices in SAP S/4HANA.
2. The supplier takes the early payment offer in SAP Taulia and requests an early payment for selected invoices.
3. The early payment request is sent to SAP S/4HANA. Based on the early payment request, a payables financing order is created automatically with the *Discount by Credit Memo* discount type. Upon the creation of the financing order, a credit memo is also created and posted for the discount.
   In the *Display Payables Financing Orders* app, the credit memo and the leading invoice are included as line items of the financing order and the credit memo is linked to the leading invoice via an **invoice reference**. The details of the credit memo are replicated to SAP Taulia.
4. The buyer pays the supplier on the agreed early payment date.
5. The supplier gets an early payment from the buyer.

> ⓘ Note
>
> The buyer can raise a ticket in SAP Taulia to **cancel** an early payment request. Once canceled, the status of the payables financing order updates to *Canceled* in the *Display Payables Financing Orders* app. At the same time, the system automatically reverses and clears the credit memo, updating its clearing status to *Cleared Item* and generating a clearing journal entry.

Implementation Details

Customizing

To enable the new discount type of dynamic discounting, ensure relevant settings are made in the following customizing activities in your customizing environment:

- *Define Company Codes for Receivable Items/Payable Items* (ID: `106901`)
- *Define Number Range Intervals for Payables Financing Orders* (ID: `106893`)
- *Define Default Payment Methods for Virtual Cards*
- *Automatic Account Determination* (ID: `100297`)
  In this activity, proceed as follows to define a dedicated G/L account for posting dynamic discounts:
  1. In the *Area* section, maintain the fields as below:
     - *Area*: Financial Accounting
     - *Subarea*: Accounts Receivable and Accounts Payable
     - *Process*: Define Accounts for Payment Transactions
  2. In the *Parameters* section, maintain the fields as below:
     - *Transaction Group*: `SKN` (Cash Discount and Payment Differences)
     - *Transaction Key*: `SKD` (Dynamic Discount for Payables Financing)
     - *Chart of Accounts*: Enter a chart of accounts.
  3. In the *Account Assignments* section, specify a G/L account for debit postings.

  > ⓘ Note
  >
  > The system also supports posting discounts via credit memos for invoices related to **fixed asset acquisitions**. For customizing details, please refer to Customizing for Payables Financing

> ⓘ Note
>
> If the leading invoice contains CO account assignment objects (for example, cost center), the credit memo is also posted with the same account assignment objects. For customizing details, please refer to Customizing for Payables Financing

For more information, see Customizing for Payables Financing.

Technical Details

Type	Changed
Functional Localization	Localized for Austria, Australia, New Zealand, Netherlands, the United Arab Emirates, and the United Kingdom
Scope Item	7MG (Payables Financing with Taulia)
Technical Object Name	App ID: `F8343`
Application Component	`FI-FIO-AP` (*Fiori UI for Accounts Payable*) `FI-AP-AP-PF` (*Payables Financing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Payables Financing
Customizing for Payables Financing

4.5 Billing and Revenue Innovation Management

4.5.1 Convergent Invoicing

4.5.1.1 Multilevel Billing in Convergent Invoicing

Business Details

This feature enables you to optimize the creation of billing documents and therefore invoicing documents for contract accounts with a very large number of billable items. Multilevel billing allows the aggregation of billable items across selection packages, thus reducing the number of items that need to be saved in billing documents to be invoiced.

When billing a contract account with a large number of billable items, billable items that are similar enough to be aggregated may be processed in different packages, so that they can't be aggregated. Multilevel billing means that a first billing run aggregates billable items and saves the result as billable items with source transaction type `BITBI`, as items of a billing document with target process `BITB`. Subsequent billing runs aggregate these billable items again, resulting in fewer items to be saved in billing documents, and consequently fewer billing documents to be invoiced.

Implementation Details

Customizing

The billable item class must include interface component *Target Process* (`TARG_PROCESS`).

In the billing type, the setting *Multilevel Billing of Large Contract Accounts* must be selected (configuration activity *Define Billing Types for Billing Documents*).

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 FPS01

Related Information

Multilevel Billing

4.5.2 Contract Accounting

4.5.2.1 Visualization of Clearing Status in Manage Documents App

Business Details

The *Manage Documents* app now visualizes the clearing status as a flow. Also, for each business partner item, whether open or cleared, the app displays a corresponding clearing flow. For open items, the app predicts which bank details or payment card data are likely to be used for clearing. For cleared items, it shows the actual clearing flow, including each processing step, whether via direct debit, payment card, payment order, or an internal process such as a write-off.

Each processing step is represented by a specific icon. To view details, click the icon.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F6109`
Application Component	`FI-CA-BF-DP` (*Postings and Documents*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Documents

4.5.2.2 Extensibility: Inheritance of Custom Fields from SD Billing Document Item into General Ledger Line Items of FI-CA Documents

Business Details

If you transfer billing documents from Sales Billing to Contract Accounting, the custom fields added to the sales and billing document items are now inherited, along with their values, into the general ledger line items of the FI-CA document. This inheritance occurs through the business objects included in the business contexts that form part of the business scenarios listed in the table below.

Business Object	Business Context	Business Scenario
Sales Document	*Sales: Sales Document Item*	*Sales Document to Billing Document on Item Level*
Billing Document	*Sales: Billing Document Item*	*SD Billing Document Item to FI-CA Document General Ledger Item*
Contract Accounting Document	*Contract Accounting: General Ledger Item*	*SD Billing Document Item to FI-CA Document General Ledger Item*
G/L Document	*Accounting: Journal Entry Item*	*SD Billing Document Item to FI-CA Document General Ledger Item*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`FI-CA` (*Contract Accounts Receivable and Payable*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Inheriting Custom Fields from SD Billing Document Item into General Ledger Line Items of FI-CA Documents

Integration with Sales and Distribution (SD)

4.5.2.3 Automatic Reprocessing of Payment Lot Clarification Cases via BAPI

Business Details

> ⓘ Note
>
> Automatic reprocessing of payment lot clarification cases via BAPI is available as of SAP S/4HANA 2025 FPS01.

Postprocessing of clarification cases from payment lots is now supported through the BAPI BAPI_CTRACPAYMINC_POSTPROCESS. Using this BAPI you can update selection options and partial amounts for items within a payment lot. Once the update is complete, the BAPI posts the payment automatically and finalizes the clarification process.

> Example
>
> **Example Process: Handling Additional Customer Payment Information**
>
> 1. You receive an email from the customer with additional payment details.
> 2. You process the information using an external tool that extracts the relevant data.
> 3. You validate and structure the extracted data in the required format.
> 4. You use the BAPI `BAPI_CTRACPAYMINC_POSTPROCESS` to transfer the data from the external system into SAP S/4HANA.
>   The BAPI updates the selection options and partial amounts within the items in the payment lot, posts the payment, and finalizes the clarification process.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAPI: `BAPI_CTRACPAYMINC_POSTPROCESS`
Application Component	`FI-CA-BT-PY-PP` (*Processing Incoming and Outgoing Payments*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS01

Related Information

[Clarification Processing (Payment Lot)]

4.5.3 Subscription Order Management

4.5.3.1 Fiori Enablement of Subscriptions with Recurring Delivery of Physical Products

Business Details

Previously, if you created a subscription contract for recurring delivery of physical products, then the details for any recurring sales items and one-off items in that contract could not be viewed in the Fiori apps for Subscription Order Management. You can now search for such items and view their details in the following enhanced Fiori apps:

- *Manage Subscription Contract Lifecycle* (`F6193`)
- *Manage Subscription Contract Item Details* (`F6487`)
- *Manage Subscription Contract Documents* (`F7032`)

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F6193`
	`F6487`
	`F7032`

Application Component	`CRM-S4-SOM` (*S4CRM: Subscription Order Management*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

[Subscription with Recurring Delivery of Physical Products]

4.5.3.2 UI Enablement of Phased Contracts

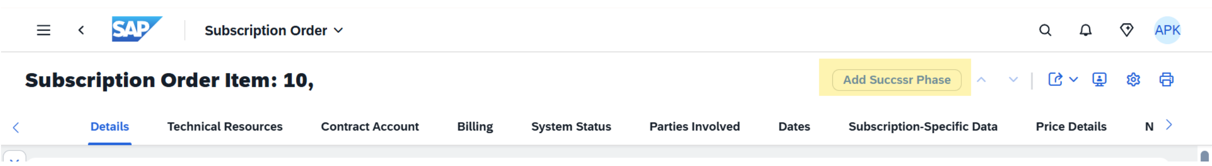
Business Details

You can now create phased subscription contracts directly from the *Manage Subscription Orders* and *Manage Solution Quotations* apps. You can change these phased contracts using available change processes on the current and future phases. This adds to the existing capability to create and change phased contracts using the *Business Solution Quotation (A2X)* OData API.

Previously, you could create and change subscription contracts with phased items using the *Business Solution Quotation (A2X)* OData API **only**.

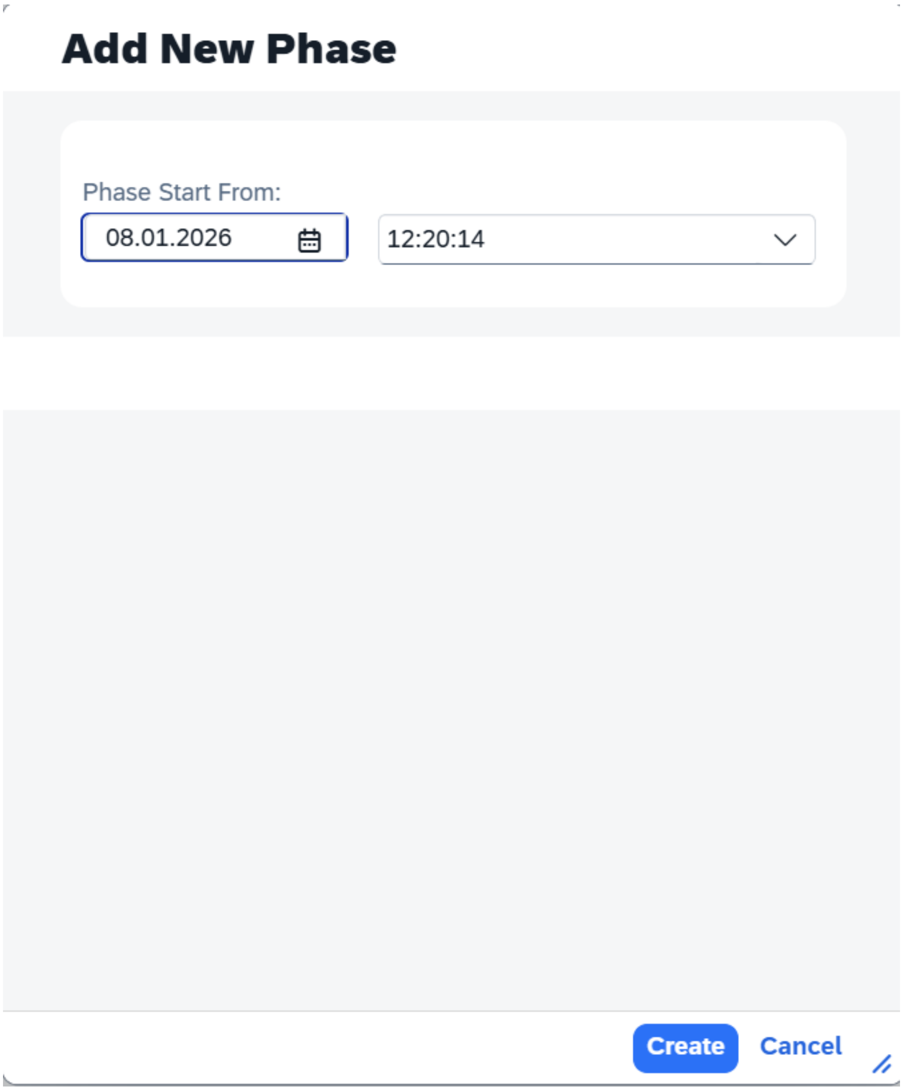
Examples of the User Interface

> ⓘ 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.



Adding Successor Phases to Create a Phased Contract

This screenshot shows the *Add Successor Phase* button on the item details page. The button is always active on main items. Use this button to add phases to main items in a subscription order.



This screenshot shows the pop-up that appears after users click the *Add Succssr Phase* button. Here, users can enter a start of timeslice for the new phase. The default start of timeslice is set to the current timestamp. The system sets the end of timeslice for the previous phase to one second before the start of timeslice entered in the popup window.

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 FPS01

Related Information

Phased Contracts
Add Extension Phase

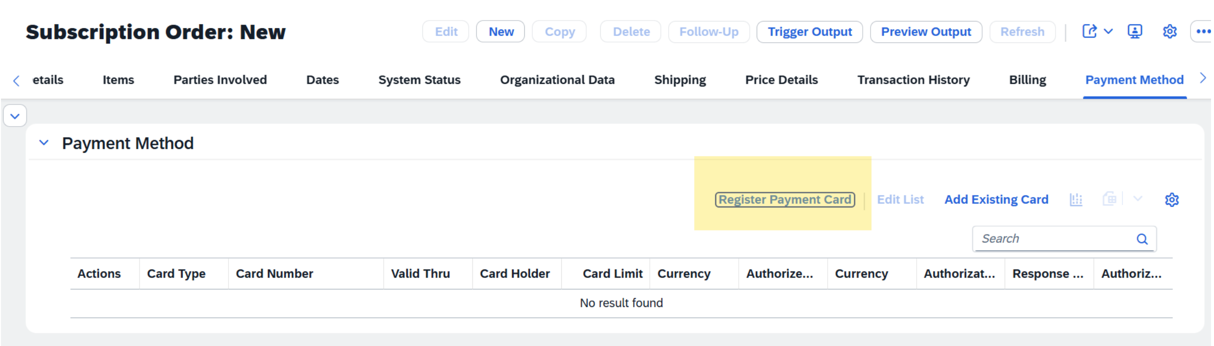
4.5.3.3 Registering Payment Cards at Subscription Transaction Level

Business Details

You can now register payment cards directly at the header and item level of a subscription order during order creation. The payment cards registered for a specific transaction are not registered for the business partner associated with the subscription order. This means that individual payment cards can be associated with each item.

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.



Register Payment Card Button

This image displays an active button to register a payment card during the order creation process. The button is active at header level. The button is also available at item level and is active until either the order is saved or a payment card is registered at header level. This button was previously inactive while creating a subscription order.

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 FPS01

Related Information

Payment Card Processing

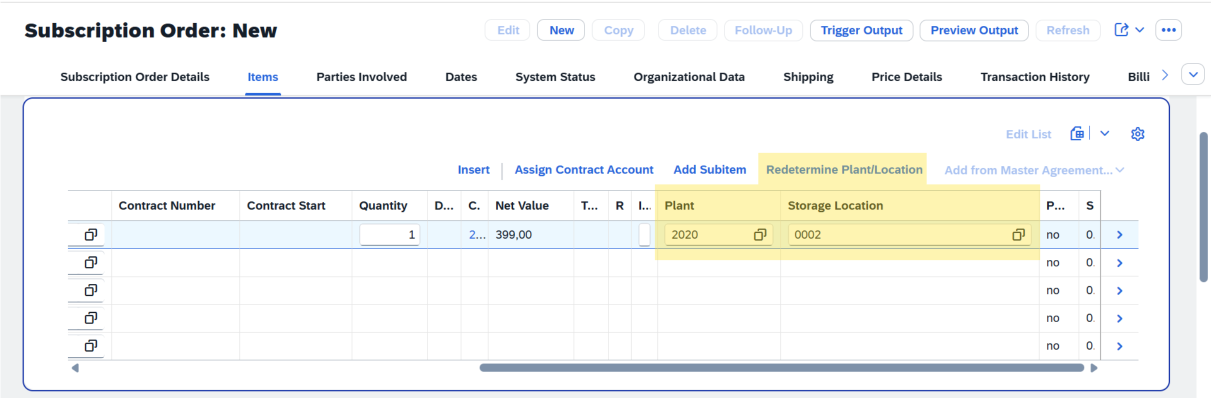
4.5.3.4 View and Update the Plant and Storage Location Values While Creating a Subscription Order

Business Details

You can now view and update the plant and storage location values when creating a subscription order. By default, the system fetches the plant and storage location values and you can update these default values until the subscription order is submitted.

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.



This screenshot displays active plant and storage locations fields in the item details. These fields are available during the order creation process. The *Redetermine Plant/Location* button is active and is used to replace the existing plant and storage location values with the values available in the system.

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 FPS01

Related Information

Subscription Orders

4.5.3.5 Enhancements to the Subscription Contract - Read OData API

Business Details

The *Subscription Contract - Read* OData API has been enhanced so that you can now perform the following operations:

- Read the delivery plan items. For more information about this, refer to **Subscription Contract Item Delivery Plan**.
- Read the period rule for the delivery plan and the first delivery date for the first delivery plan item.

The following properties have been added:

Property	Description
Subscription Contract - Read > *Subscription Contract Item*	
`SbscrContrItmDelivPlnPerdRule`	Period rule for the delivery plan
`DelivPlanFirstDeliveryDateTime`	First delivery date and time for the first delivery plan item

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_SUBSCRIPTIONCONTRACT`
Application Component	`CRM-S4-SOM` (*S4CRM: Subscription Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Subscription Contract Item Delivery Plan
Subscription Contract Item
Read Delivery Plan Lines for a Specific Subscription Contract Item

Read Billing Schedule Lines of a Specific Subscription Contract Item
Read Price Elements for a Specific Billing Schedule Line for a Subscription Contract Item

4.5.3.6 Enhancements to the Subscription Order (Version 0002) OData API

Business Details

The *Subscription Order (Version 0002)* OData API has been enhanced so that you can now perform the following operations:

- Read, create, and update operations for delivery plan lines. For more information about this, refer to **Delivery Plan Item of Order Item**.
- Read and update the period rule for the delivery plan and the first delivery date for the first delivery plan line.

The following properties have been added:

Property	Description
Subscription Order (Version 0002) > *Subscription Order Item*	
`SbscrOrdItmDelivPlnPeriodRule`	Period rule for the delivery plan
`DelivPlanFirstDeliveryDateTime`	First delivery date and time for the first delivery plan line

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `SubscriptionOrder`
Application Component	`CRM-S4-SOM` (*S4CRM: Subscription Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Delivery Plan Item of Order Item
Subscription Order Item

4.5.3.7 Enhancements to the Solution Quotation (A2X) OData API

Business Details

The *Solution Quotation (A2X)* OData API has been enhanced so that you can now add or remove specific subitems from a subscription contract while extending the contract using this OData API. This enhancement builds on the existing capability to add or remove specific subitems while extending the contract using the user interface.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `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 FPS01

4.5.3.8 Subscription Order Management – Master Data and Basic Functions (7WB)

Business Details

The 7WB - Subscription Order Management – Master Data and Basic Functions scope item has been enhanced so that you can now execute change processes on the subscription contract. This builds on the existing functionality of creating subscription contracts.

For more information, refer to 7WB.

Technical Details

Type	Changed
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 FPS01

4.6 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 Multi-Level Approval for Cross Application Timesheet

Business Details

This feature enables multi-level approval or hierarchical approval of time entries through SAP Business Workflow in *Cross-Application Timesheet* (*CATS*). This feature is beneficial if you are seeking a more structured and comprehensive approval workflow for timesheets, ensuring that time entries are reviewed and validated by the appropriate personnel at different levels.

The *Cross-Application Timesheet* (*CATS*) already supports multiple approval scenarios, including attribute-based workflow approval and custom workflow-based approval. However, native support for multi-level approval — where approvals are executed by approvers at multiple hierarchical levels—was not available in earlier releases.

> 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

Implementation Details

Customizing

To enable the Multi-level approval feature, the back-end system must be upgraded to **Support Pack 03** (or higher) for release 108 (or higher) of the software component `S4CORE`. For more information on implementation, refer to 3633367 .

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	`App ID:` *F3074A* **(My Timesheet (Version 4))**
Application Component	`PA-FIO-TS` (*My Timesheet / Approve Timesheet*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

My Timesheet (Version 4)
Approve Timesheets (Version 4)

5.2 Country/Region Specifics

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

5.3 My Profile

Business Details

With the transactional app *My Profile* you can enable employees to display an overview of his own information, such as incomplete time recording. You can also view your company profile, organizational and communication details, navigate to the employee hierarchy, as well as upload a profile picture.

Key Features:

- An employee who is concurrently employed can use the app for a chosen personnel assignment.
- View time balances.
- View missing/incomplete time recording.
- View your progression in the company.
- View your salary and bonus information.
- View your personal information.

- Allows you to create, update, and delete time events for a specific date (via a connected app).
- Allows you to create, update, and delete your personal information (via connected apps), such as:
  - My Bank Data
  - My Communication Data
  - My Family Members
  - My Internal Data
  - My Personal Data
  - My Documents
- Allows you to upload or change your profile picture.
- Access to linked apps is provided via push buttons. Only those buttons are visible where the linked app is assigned to the user's catalog.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	App ID: `F3129A` *My Profile*
Application Component	`PA-FIO-PRO` (*My Profile*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

My Profile

5.4 My Bank Data

Business Details

With the transactional app *My Bank Data*, you can create, display, edit and delete your bank data, such as your *Main Bank*, *Other Bank*, or *Travel Expenses*. The app helps you to keep your bank data up to date.

Key Features:

- Display an overview of the current bank data.
- Create and edit bank data.
- Delete bank data.
- If *Concurrent Employment (CE)* is activated in your system, employees who have multiple contracts of employment can use the *Select Employment* button to switch between their contracts. For more information, see Concurrent Employment.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	App ID: `F3112A` *My Bank Data*
Application Component	`PA-FIO-PER` (*My Bank Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

My Bank Data

5.5 My Overtime Requests

Business Details

With the transactional app *My Overtime Requests*, you can enable employees to create and submit overtime requests using their desktop, tablet, or mobile device. The app also allows users to display the status of their requests.

Key Features:

- Create, save, and edit overtime requests. An overtime request can include multiple overtime items of a selected overtime type. On request creation, users select the compensation types as well as the requested overtime based on a date in conjunction with a start and end time, based on a start date in conjunction with a selected number of hours, or based on a start and end date in conjunction with a selected number of hours.
- Send overtime requests. Depending on the settings, the submitted requests are either processed automatically without manual approval or are sent for approval to an approver or to multiple approvers. In case of rejection, users can edit and resend the request. Depending on the settings, users can also add a note for the approver.
- Display the user's overtime requests including the approval status on the overview screen.
- If *Concurrent Employment (CE)* is activated in your system, employees who have multiple contracts of employment can use the *Select Employment* button to switch between their contracts. For more information, see Concurrent Employment.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	App ID: `F4939A` *My Overtime Requests*
Application Component	`PA-FIO-OVT` (*My Overtime Requests*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

My Overtime Requests

5.6 Approve Overtime Requests

Business Details

With the transactional app *Approve Overtime Requests*, you enable managers to approve or reject overtime requests for their direct reports or other employees, easily and flexibly from their Fiori app *My Inbox*. Key information for the approval decision is available.

Key Features:

- Browse all requests submitted for approval in a personalized inbox.
- View details for specific requests, including information on the overtime requested, as well as additional information based on the type of the requested overtime.
- Approve or reject requests. Depending on the settings, approvers can optionally create a note to the requester.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	App ID: `F4937A` *Approve Overtime Requests*
Application Component	`PA-FIO-OVT` (*Approve Overtime Requests*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Approve Overtime Requests

5.7 Payroll Result Deletion (Transaction PU01) Using The New Infotype Framework

Business Details

With the new infotype framework in transaction `PU01`, you can update master data with reliable, consistent database handling.

Key Features:

- Consistency in database updates, with a transparent infotype framework.
- Less impact on business operations, with the existing `PU01` features remaining unchanged.
- Decoupled infotype framework, which enables the application logic and the user interface to be separated.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	`PU01`
Application Component	`PY-XX`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

5.8 Detailed Log For Transfer To Accounting Report (RPCIPP00)

Business Details

With report `RPCIPP00`, you can transfer payroll posting results into accounting, including a detailed log to streamline tracking and verification.

Key Features:

- Well-organized view of posting results for easier analysis.
- Quicker, more-intuitive access to key information.
- Clarity when reviewing posting results transferred into accounting.
- Reducing effort and complexity when analyzing transfer logs.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	`RPCIPP00`
Application Component	`PY-XX`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

5.9 New Capabilities In Application Log For Completeness Check Reports

Business Details

Enhanced application log included in reports `RPCIPC00` and `RPCIPC00_PNP`, enabling easier tracking and analysis, as well as simplifying the process of identifying payroll results that have not yet been posted.

Key Features:

- Structured and organized review of payroll results through the application log.
- Faster and easier access to essential result information.
- Reducing complexity, making payroll result verification more efficient.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	`RPCIPC00` and `RPCIPC00_PNP`
Application Component	`PY-XX`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

5.10 Posting: Payment Posting To Bank Account Ledger

Business Details

Clearing process for payment posting with G/L accounts with account type *Cash Account* and subtype *Bank Reconciliation Account* or *Bank Subaccount*.

Key Features:

- Functionality of bank accounts as cash accounts.
- Reducing configuration efforts and complexity for customers.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	`RPCIPC00` and `RPCIPC00_PNP`
Application Component	`PY-XX`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

5.11 ILM Object HRPA_ALDOCS

Business Details

You can use the ILM object `HRPA_ALDOCS` to delete ArchiveLink attachments via `ILM_DESTRUCTION`.

Key Features:

- You can use this ILM object to define rules that can be defined specifically for employees who have left the company and their documents stored in the optical archive. These rules are processed only during processing using the ILM object `AL_DOCUMENTS`.
  For processing, ILM rules must be active in the system, both for the object `AL_DOCUMENTS` and for the ILM object `HRPA_ALDOCS`.
- The end of the retention period is transferred from the ILM object `HRPA_ALDOCS` to the ILM object `AL_DOCUMENTS` using the inheritance function available in ILM.
  The same prerequisites apply as for the ILM object `AL_DOCUMENTS`.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	Technical Name: HRPA_ALDOCS
Application Component	PA-PA
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Destroying ArchiveLink Attachments Using HRPA_ALDOCS

6 Manufacturing

6.1 Environment, Health, and Safety

6.1.1 Incident Management

6.1.1.1 Configuration of Custom Workflow Tasks for Incidents and Investigations

Business Details

This feature enables you to assign workflow tasks to work items for incidents, investigations, and investigation steps that appear in the *Monitor Incident Work Items* app (`F6217`). In the new Customizing activity *Specify Workflow Tasks for Incident Work Items*, you can replace the standard workflow tasks that SAP delivers with your custom tasks if you enhance or customize the delivered workflows.

> ⓘ Note
>
> This feature is available as of:
>
> - SAP S/4HANA and SAP S/4HANA Cloud Private Edition 2025 FPS01
> - SAP S/4HANA and SAP S/4HANA Cloud Private Edition 2023 SPS05

Implementation Details

Customizing

The activity *Specify Workflow Tasks for Incident Work Items* has been added. This Customizing activity includes entries for the standard workflow tasks that SAP provides for incidents, investigations, and investigation steps. You can modify the entries by replacing the provided task numbers with the ones for your custom tasks.

> ⓘ Note
>
> You can only configure one workflow task for each semantic object (*Incident*, *Investigation*, and *Investigation Step*).

Effects on Existing Data

The *Monitor Incident Work Items* app displays only the work items generated by the workflow tasks configured in the *Specify Workflow Tasks for Incident Work Items* activity. When you replace a workflow task in the Customizing activity, work items generated by that task are removed from the app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Customizing activity: `EHHSS_INC_WF_WI` (*Specify Workflow Tasks for Incident Work Items*)
Application Component	`EHS-SUS-IM` (*Incident Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Setting Up Workflows and Tasks
Changing Workflow Templates

6.1.1.2 Report Incident App: Additional Fields and Performance Improvements

Business Details

With this feature, you can enter additional information to categorize incidents when reporting them in the *Report Incident* app (`F1992`). The field *Do you know about the circumstances?* has been added for the *Incident* category. When you select *Yes*, an additional field is displayed where you can select the relevant incident groups, such as *Injury/Illness*, *Notice of Violation*, and *Release*. In addition, the initial number of records loaded in the app is now limited to 20 instead of 30 to improve performance. You can still view your last 30 reported incidents, near misses, and safety observations if you scroll to the bottom of the list.

> ⓘ Note
>
> This change is available as of:
>
> - SAP S/4HANA and SAP S/4HANA Cloud Private Edition 2025 FPS01
> - SAP S/4HANA and SAP S/4HANA Cloud Private Edition 2023 SPS05

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F1992` (*Report Incident*)
Application Component	`EHS-SUS-IM` (*Incident Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Reporting Incidents

6.1.2 Environment Management

6.1.2.1 Waste Management

6.1.2.1.1 Configuration for *Waste Management*

Business Details

With the new configuration activities, you can enable and disable the integrations that are relevant for *Waste Management*.

The following configuration activities are added to your configuration environment:

- *Enable/Disable Dangerous Goods Integration*
- *Enable/Disable Inventory Management Integration*
- *Enable/Disable Purchase Order Integration*

The new configuration activities are enabled by default. You can find them in Customizing under *Environment, Health and Safety* > *Waste Management* > *Integration*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`EHS-SUS-WA` (*Waste Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

6.1.3 Management of Change

6.1.3.1 Space Template: Management of Change

The SAP-delivered space template *Management of Change* (`SAP_EHS_SP_CHG_MGMT_CRDTR`) has been changed. If your business users are reusing this space template 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 page templates within the SAP-delivered space template

Name and ID of Affected Page Template	Change	Details
Management of Change (`SAP_EHS_PG_CHG_MGMT_CRDTR`)	A new app has been added to the *Insights* section.	The following new app has been added: *Management of Change Overview* (`F8968`). For more information, see Management of Change Overview [page 242].

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	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Space ID: `SAP_EHS_SP_CHG_MGMT_CRDTR` (*Management of Change*)
Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Managing Launchpad Spaces and Pages

6.1.3.2 Management of Change Overview

Business Details

With this feature, you can get a comprehensive view of change processes by location or across all locations on a single screen. The new *Management of Change Overview* app (`F8968`) enables you to monitor the status of change requests and activities and navigate to records that require attention, enhancing oversight and minimizing the risk of missed critical steps in change processes.

For more information on the key features of the *Management of Change Overview* app, see Management of Change Overview.

Implementation Details

Authorizations

Users can access the *Management of Change Overview* app with the front-end role `SAP_BR_CHG_MGMT_COORDINATOR` (*Change Management Coordinator*). Additionally, the authorization objects necessary for working with change requests and activities 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: `F8968` (*Management of Change Overview*)
Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

6.1.3.3 Tab-Based Navigation in Change Requests and Activities

Business Details

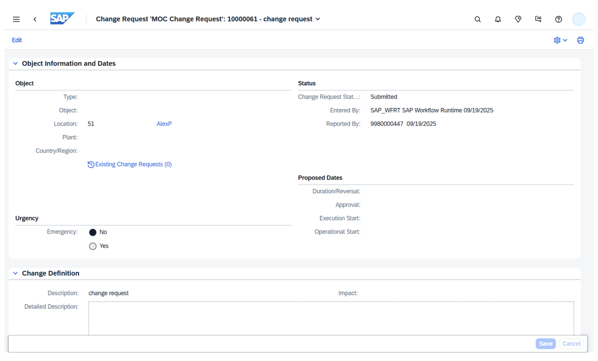
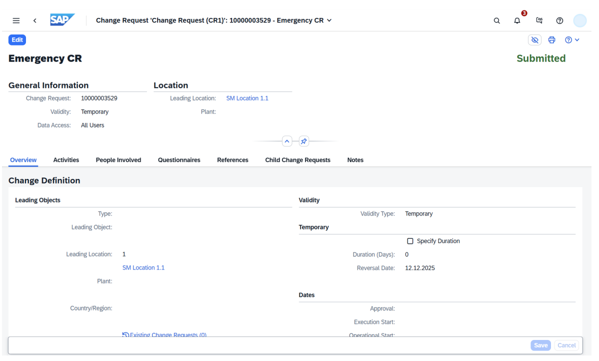
The *Edit Change Request* and the *Edit Change Activity* app now feature a new, tab-based layout. This layout organizes content into tabs, enabling users to navigate between sections with ease and focus on relevant information. The tab-based navigation enhances clarity and efficiency, providing a more intuitive and user-friendly interface.

Changes to the User Interface

The following screenshots illustrate the differences between the previously used section-based and the new tab-based layout for change requests.

→ Tip

To view the screenshots in a larger format, select the *(zoom-in)* button on each image.

Edit Change Request - Section-Based Layout	Edit Change Request - Tab-Based Layout
	

ⓘ 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	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 FPS01

6.1.3.4 Recalculation of Change Activity Dates

Business Details

With this feature, you can recalculate the dates—*Due Date* and *Planned Start Date*—of change activities after modifying their sequence or dates. The system considers the predecessor-successor relationships between the activities and updates the dates of dependent activities accordingly.

When a predecessor is added to or removed from an activity, the system **automatically** updates the activity's due date and its planned start date. It also updates the due and planned start dates of any dependent activities.

You can also **manually** update the planned and due dates of all activities in the activity hierarchy by choosing the *Recalculate Dates* button on the *Activities* tab in the *Edit Change Request* app. This ensures that timelines are updated to consider the actual start and completion dates of activities that have been started or completed earlier or later than expected as well as any manually changed due dates.

Implementation Details

As a prerequisite, make the necessary settings in Customizing.

- *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Management of Change* > *Define Change Request Types*
  Define the sequence of activities in a change request by specifying their predecessor-successor relationships.
- *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Management of Change* > *Define Activity Templates*
  Define the sequence of activities in a subactivity by specifying their predecessor-successor relationships. Specify the activity duration. The system uses the duration to calculate a default due date for each activity.

Effects on Existing Data

When recalculating dates in existing change requests that contain already started activities, the system doesn't consider the actual start and completion dates of the started activities but their planned start and due dates. In newly created change requests, the system uses the actual start and completion dates for the calculation.

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 FPS01

Related Information

Activity
Settings for Activities
Settings for Change Requests

6.1.3.5 Extension of Temporary Change Requests

Business Details

This feature enables you to extend the validity of temporary change requests. It provides flexibility in managing temporary changes while ensuring compliance with predefined limits. In the new Customizing activity *Define Extension Settings for Temporary Change Requests*, you can configure the set of activities that are added when a change request of a certain type is extended. You can also set the maximum duration for extensions and the maximum number of extensions.

In the *Define Extension Settings for Temporary Change Requests* Customizing activity, you can specify the activity templates that are added in extended change requests for the following activities:

- *Milestone Activity*: Marks the completion of change implementation. If you set a duration in days, the system calculates the reversal date from the completion date.
- *Extension Activity*: Defines the activity template, including subactivities, for processing each extension of a temporary change request. It may include approval steps, reviews, and assessments.
- *Assessment Activity*: An optional template for assessing change requests with temporary validity. If configured in the temporary extension process, the system includes it in the activity hierarchy by copying it and its subactivities, setting it as a predecessor to the extension activity.
- *Approval Activity*: Reflects the final approval of an extension to a change request. The approval activity must be either the same as the extension activity itself or a subactivity of the extension activity.

In the *Create Change Request* app, the *Duration/Reversal* field has been renamed to *Validity Type* and is now mandatory. You must specify the validity of the change (permanent or temporary) for each change request you create. For temporary change requests, you must either enter a duration in days or a reversal date.

Implementation Details

As a prerequisite for this feature, the following values must be available in Customizing under *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Management of Change* > *Define Duration*:

- `001` (*Temporary*)
- `002` (*Permanent*)

Customizing

The *Define Extension Settings for Temporary Change Requests* activity has been added under *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Management of Change* > *Define Extension Settings for Temporary Change Requests*.

Effects on Existing Data

You can use this feature for existing change requests that are in *In Preparation* status. To do this, select *Temporary* in the *Validity Type* field and specify the duration of the change in days or enter a reversal date.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `/MOC/WDA_CHANGE_REQUEST` (*Create Change Request*) Customizing activity: `/IAM/V_I_TMP_EXT` (*Define Extension Settings for Temporary Change Requests*)
Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Settings for Change Requests

6.1.3.6 Location-Based Determination with BRFplus

Business Details

This feature enhances BRFplus applications in *Management of Change* by including the leading location as a criterion for determination. This enables the automatic assignment of people involved, activities, and questionnaires based on the location of a change request, providing greater flexibility and reducing manual effort.

The following BRFplus applications are available and have been enhanced to include the location:

- `/MOC/ISSUE_DETERMINE_PARTNER` (*Example Application: Partner Determination for Change Request*)
  Use this application to determine additional persons involved for a change request.
- `/MOC/ACTIVITY_DETERM_PARTNER` (*Example Application: Partner Determination for Activity*)
  Use this application to determine additional persons involved for a change activity.
- `MOC_ISSUE_DETERMINE_ACTIVITY` (*Example Application: Activity Determination for Change Request*)
  Use this application to determine additional activities based on the data of a change request or on the answers from the questionnaires in a change request.
- `/MOC/BRF_EXAMPLE` (*MOC: Rulesets and functions*)
  Use this application to determine additional questionnaires (nested questionnaires) based on the answers from the initial questionnaires in a change request or activity.

Implementation Details

Customizing

You can use the *Define BRFplus Applications and Functions* activity to assign BRFplus applications and functions to specific change request types.

You can find the activity under *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Management of Change* > *Define BRFplus Applications and Functions*.

Related Information

For more information on using BRFplus in *Management of Change*, see Setting Up Business Rule Framework Plus (BRFplus).

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BRFplus applications: /MOC/ISSUE_DETERMINE_PARTNER (*Example Application: Partner Determination for Change Request*) /MOC/ACTIVITY_DETERM_PARTNER (*Example Application: Partner Determination for Activity*) MOC_ISSUE_DETERMINE_ACTIVITY (*Example Application: Activity Determination for Change Request*) /MOC/BRF_EXAMPLE (*MOC: Rulesets and functions*)
Application Component	CA-IAM-MOC (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

6.1.3.7 Status-Based Availability of Notify Action for Change Activities

Business Details

This feature lets you control the availability of the *Notify* action for activities based on the status of an activity's predecessor or its parent activity's predecessor. The feature prevents activity notifications when predecessor activities haven't reached business-defined completion statuses. This ensures that responsible individuals are only notified of activities that are ready for attention, streamlining workflow and reducing unnecessary alerts.

In the new Customizing activity *Specify Final Statuses for Activities*, you define the lifecycle or user statuses that indicate an activity has reached its final status. The system uses these statuses to determine whether an activity can start, based on the completion of any relevant predecessor activities. Depending on the specified statuses, the *Notify* action is enabled or disabled in the *Edit Change Request* and *Edit Change Activity* apps.

Implementation Details

Customizing

The *Specify Final Statuses for Activities* activity has been added under *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Management of Change* > *Specify Final Statuses for Activities*.

Effects on Existing Data

When you configure the relevant activity statuses in Customizing, this feature becomes available for all records. This includes existing records.

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*) Customizing activity: `/IAM/V_A_CMPL_ST` (*Specify Final Statuses for Activities*)
Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Settings for Activities

6.1.3.8 Status-Based Restrictions on Adding Activities

Business Details

This feature lets you control whether users can add activities to a change request or subactivities to a change activity based on their status, ensuring controlled modifications and maintaining process integrity. In the new Customizing activity *Configure Status-Based Restrictions for Adding Activities*, you can specify the lifecycle and user statuses that prevent adding activities. You can also choose the type of message (warning or error) that the system displays when users try to add an activity to a change request or change activity with a restricted status.

Implementation Details

Customizing

The activity *Configure Status-Based Restrictions for Adding Activities* has been added under *SAP Customizing Implementation Guide* › *Cross-Application Components* › *Management of Change* › *Configure Status-Based Restrictions for Adding Activities*.

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*) Customizing activity: `/IAM/VC_ACT_RESTRICT` (*Configure Status-Based Restrictions for Adding Activities*)
Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

6.1.3.9 Change Request Copy Functionality

Business Details

This feature enables you to copy existing change requests to create new ones with similar data, significantly reducing manual data entry. This functionality enhances productivity by saving time and minimizing errors when managing recurring or similar change processes.

In the *Manage Change Requests* app (`F3406`), select a change request and choose *Copy*. A new change request is created with the description *Copy of <description of original change request>* and set to *In Preparation* status.

The following information is copied:

- Change request header information (for example, descriptions, dates, and reference objects)
- Attachments

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F3406` (*Manage Change Requests*)
Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Create Change Request

6.1.3.10 Renamed Customizing Activity: Specify Status Change Actions Requiring Justification

Business Details

The Customizing activity *Specify Status Change Actions Requiring Justification* has been renamed to *Configure Additional Options for Actions*. The activity now also includes the option to turn on autosave for specific user status actions and business object actions. The process for configuring mandatory notes for actions has also changed. Previously, you enabled mandatory notes by entering the relevant actions on the *Status Profile Actions* screen. Now, you specify the actions on the *Options for Status Profile Actions* screen and select the *Mandatory Note* checkbox for each action.

For more information on the new autosave feature, see Configurable Autosave for Change Requests and Activities [page 253].

Implementation Details

Customizing

You can find the activity under *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Management of Change* > *Configure Additional Options for Actions*.

Effects on Existing Data

Actions added in the *Specify Status Change Actions Requiring Justification* activity remain available in the *Configure Additional Options for Actions* activity. However, the *Mandatory Note* checkbox is not set automatically. This setting prompts users to enter a note when they perform one of the configured actions, but entering a note is not mandatory. To make notes mandatory for specific actions, select the *Mandatory Note* checkbox on the *Options for Status Profile Actions* screen of the activity.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Customizing activity: `/IAM/VC_REASONING` (*Configure Additional Options for Actions*)
Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Setting Up Additional Options for Actions

6.1.3.11 Configurable Autosave for Change Requests and Activities

Business Details

This feature enables you to configure automatic saving of change requests and activities, reducing manual effort and improving user experience. In the Customizing activity *Configure Additional Options for Actions*, you can specify the user status actions and business object actions that trigger automatic saving of change requests and activities.

Implementation Details

Customizing

The *Configure Additional Options for Actions* activity (previously: *Specify Status Change Actions Requiring Justification*) now includes the option to turn on autosave for specific user status actions and business object actions. You can find the activity under *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Management of Change* > *Configure Additional Options for Actions*.

Effects on Existing Data

Configuring the autosave option in Customizing applies it to all records. This includes existing records.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Customizing activity: `/IAM/VC_REASONING` (*Configure Additional Options for Actions*)
Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Setting Up Additional Options for Actions
Settings for Change Requests
Settings for Activities

6.1.3.12 Restricted Access Functionality for Change Requests

Business Details

With this feature, you can restrict access to a change request to only the people involved in the change request and its activities. This feature protects confidential data by ensuring only authorized users can view or interact with the records. This makes it essential for maintaining privacy and security in change management processes.

To control access to a change request, open it in the *Edit Change Request* app in edit mode and choose *Restrict Data Access*. You can select one of the following options: *All Users* and *People Involved*. If you grant access to people involved only, unauthorized users won't see the change request in search results, value help, or navigation.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `/MOC/WDA_CHANGE_REQUEST` (*Edit Change Request*)
Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

6.1.3.13 Unassigned Activity Filter in the Manage Change Activities App (Enhanced)

Business Details

With this feature, you can easily search for activities that need assignment in the *Manage Change Activities* app (`F3405`). The new *Show Only Unassigned Activities* toggle switch replaces the previous *No Persons Involved* checkbox in the filter bar.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID: `F3405` (*Manage Change Activities*)
Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

6.2 Production Engineering

6.2.1 OData API: Master Recipe

Business Details

With the OData API *Master Recipe* (`API_MASTER_RECIPE`), you can view all details of a master recipe and its relationships. The OData API has been enhanced to support assignment of inspection characteristics to an operation or phase.

The following enhancements have been added to version 1.0.4 of the OData API.

Enhancements to Master Recipe OData API to support Assignment of Inspection Characteristics

Name	Description	Details
Inspection Characteristics	The entity `MasterRecipeInspCharcsAssgmt` specifies the inspection characteristics assigned to a particular operation or phase.	Inspection Characteristics
Read Inspection Characteristics	Read inspection characteristics using the GET HTTP method.	Read Inspection Characteristics
Create Inspection Characteristics	Create inspection characteristics using the POST HTTP method.	Create Inspection Characteristics

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_MASTER_RECIPE`

Application Component	`PP-PI-MD-MRC` (*Master Recipe*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

6.3 Production Planning

6.3.1 Material Requirements Planning

6.3.1.1 Mass Update the Acceptance Status of Planning Situation of MRP Run

Business Details

With this feature, you can mass accept, and/or subsequently mass revoke the acceptance of the planning situation of the MRP run result for several materials from the *Collective access* tab of the MD07 (*Stock/ Requirements List*) transaction.

Once you select all the materials for which you would like to update the acceptance statuses, click on the *Accept MRP Results* button or the *Revoke MRP Results* button, based on the action you want to perform.

In the material list screen, you can also view the acceptance status of the planning situation under the *MRP Planning Situation Accepted* column. Additionally, you can also sort materials based on their acceptance status.

> ⓘ Note
>
> You can also implement this feature in the 2023 and 2025 releases. For more information, refer to SAP Note 3657367.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Transaction: `MD07`

Application Component	`PP-MRP-PE` (*Planning Evaluation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Accept Planning Situation of MRP Run

6.3.1.2 Last MRP Run Date and Acceptance Date Filters in Stock/Requirements List

Business Details

With this feature, you can now further restrict the selection of materials from the *Collective access* tab of the `MD07` (*Stock/Requirements List*) transaction using the *Last MRP Run Date* and the *Acceptance Date* filters.

The *Last MRP Run Date* is available under the *Planning File Entries* tab.

The *Acceptance Date* filter is available under the *MRP Result Acceptance Status* filter and will only be visible if you select the *Accepted List* radio button.

You can also view the date of the last MRP run in the material list screen under a new column called *Last MRP Run Date*. Additionally, you can sort the materials based on their last MRP run dates.

> Note
>
> You can also implement this feature in the 2023 and 2025 releases. For more information, refer to SAP Note 3678174.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Transaction: `MD07`

Application Component	PP-MRP-PE (*Planning Evaluation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Using Collective Access to Call Up Stock/Requirements Lists

6.3.1.3 Objects Changed for Developer Extensibility in Material Requirements Planning

With the objects released in Material Requirements Planning under Production Planning, 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	Interface for SupplyDemandItem	I_SUPPLYDEMANDITEMTP	Changed	This business object now supports reading multiple planning segments for a given material, plant and MRP area combination.

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

https://hub.sap.com/bointerface/PCE_I_SUPPLYDEMANDITEMTP

6.4 Extended Production Planning and Scheduling

6.4.1 Units of Measure in the Storage Resources View

Business Details

This feature lets you choose the unit of measure (UoM) for displaying quantities in the *Storage Resources* view of order processing. You can select from all UoMs that have a conversion defined to the product's base UoM. Make sure that all conversions for all UoMs used by the storage relevant resources are set up in the product's material master.

Implementation Details

Customizing

In Customizing, go to *Advanced Planning* > *Tank Planning with Container Resources* > *Maintain Settings for Tank Planning with Container Resources*. Here, you can specify whether the system displays quantities in the *Storage Resources* view of order processing by default in the product's base unit of measure or in the unit of measure defined for the storage characteristics of the resource.

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 Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Tank Planning with Container Resources
Splitting Storage Activities

6.4.2 Enhancements for Advanced Scheduling Board

Business Details

This release delivers functional and configurational enhancements across the Advanced Scheduling Board (ASB) application including updates to the configuration profile, strategy views, extensibility options, and order creation. You can define how information is displayed, add your own custom actions, and work more efficiently across multiple simulation sessions.

Enhancement Area	Details
ASB Configuration Profile	• Shape text and tooltips can be configured along with colors. • Field selection options implemented for shape text and tooltips. • Table row configuration enabled, supporting maintenance of decision logic and row-specific color definitions.
Strategy	DS View and Expert View extended with additional fields to support broader planning analysis, with all fields opened up for maintenance.
Extensibility	Custom Buttons and Custom Selection Options supported as extensibility points, with toolbar enablement via UI adaptation.
Order	Order creation expanded to support creation from scratch, from a selected object, and for inactive planning versions.
Simulation Session	Multiple simulation sessions supported (up to 10 per user).
Minor enhancements	• Additional validation checks implemented for setting the conversion indicator. • Improved visualization of scheduling agreement with schedule lines. • Product-mix details added in the fill level chart.

Technical Details

Type	Changed
Functional Localization	No localization
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 FPS01

Related Information

Advanced Scheduling Board

6.4.3 Limiting Order Information for MultiLevel Time Buffers

Business Details

MultiLevel Time Buffer (MLTB) gives planners clearer visibility into available scheduling flexibility across orders, operations, and activities. In addition to visualizing available buffer time at single or multilevel, MLTB now offers information about the limiting order that constrains this buffer.

Changes to the User Interface

In the **Order Processing view**, an additional subnode called "MultiLevel Time Buffer" is now displayed in the navigation tree. This subnode shows MultiLevel Time Buffer information at order header level and also includes details about the limiting order, specifically the order number and the ATP category of the limiting order.

Additional MLTB fields are also available in other user interfaces, including **Product View**, **Receipts View**, **Requirements View**, **Order Context**, **Resource Planning Table**, and the **Detailed Scheduling Planning Board**.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	SCM-APO-PPS-DS (*Detailed Scheduling*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Order Processing View
MultiLevel Time Buffer

6.4.4 Handling and Transportation Resources Support in PPO

Business Details

Production Planning Optimizer (PPO) now respects Handling and Transportation resources during order scheduling to ensure that the respective handling and transportation activities respect defined working and non-working times maintained for the resources.

Technical Details

Type	New
Functional Localization	No localization
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 FPS01

6.4.5 Monitor Production Plan Performance

Business Details

The Monitor Production Plan Performance application provides production planners with real time visibility into key performance indicators (KPIs) relevant to production planning. This application is designed to support planners in evaluating the impact of planning adjustments interactively during planning, scheduling, and optimization activities. It enables immediate access to KPI calculations based on the current planning context, helping users validate whether their decisions are progressing toward targeted production outcomes.

The app automatically derives its operational context from the active PP/DS application session. KPI calculations are dynamically linked to the user's current simulation session, ensuring that displayed metrics always reflect the most relevant and up to date planning scenario. The application can be accessed from multiple PP/DS interfaces, including SAP GUI transactions, VH applications and Fiori applications such as:

- Resource Planning Table
- Product Planning Table
- Detailed Scheduling Planning Board

Supported KPIs (S/4HANA 2025 FPS1)

The initial release of the Monitor Production Plan Performance app provides visibility into six key performance indicators for resource capacity related KPIs. These indicators help users analyze resource utilization, efficiency, and workload distribution.

- Resource Idle Time (Hours)
- Resource Load (Hours)
- Resource Production Time (Hours)
- Resource Setup Time (Hours)
- Resource Capacity (Hours)
- Capacity Utilization (%)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F9020

Application Component	`SCM-APO-PPS-ANA` (*Analytics in PP/DS*)
Availability	SAP S/4HANA andSAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Monitor Production Plan Performance

6.4.6 Production Planning Review Booklet – Resources

Business Details

The Production Planning Review Booklet – Resources app provides production planners with real time graphical visualization of production planning relevant key performance indicators (KPIs). It allows users to drill-down into details of the KPI calculation related to resource capacity into multiple dimensions like time or object groups according to different attributes of the dimensions. The app enables the user to take data driven informed decisions and make required adjustments to planning through real time KPI insights. The selected resources and their capacity details are determined based on the *Area of Responsibility* (AOR) of the user, *Planning Version*, *Start Date*, *End Date*, and *Time zone* provided in the app.

With this review booklet, you can:

- Monitor capacity requirements for the selected resources to understand the resource utilization versus the non-productive utilization such as Setup, Tear Down, Queue requirements.
- Identify the resources that are fully utilized or experiencing capacity overload and determine how long each overload lasts.
- Identify the resources with underutilized capacity or those operating within a normal utilization range.
- Drill-down the data to various time levels, such as days, weeks, months, or quarters.
- Analyze the KPIs across different resource dimensions, such as Resource Type, Resource Group, Resource Planner, Location, Resource, and Resource Category.
- Conduct the restriction and refinement of the analysis time frame by selecting an evaluation period using the start date and end date fields.
- Refine to granular resource capacity KPI details using page-level filters, incorporating additional dimensions and measures, and applying conditional formatting using normal-load ranges as thresholds.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F9019
Application Component	SCM-APO-PPS-ANA (*Analytics in PP/DS*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Production Planning Review Booklet – Resources

6.4.7 Enhancements for Manage Flexible Constraints for PP/DS

Business Details

New Priority and Penalties features have been added to the Manage Flexible Constraints Fiori app for PP/DS:

Priority implements the concept of products or respective constraints that the system should consider as more urgent during planning, over the ones that can be fulfilled in later buckets. *Penalties* can now also be imposed for failing to meet the planned supply quantity: below minimum supply, deviating target supply, and above maximum supply.

- *Create and Copy dialog boxes enhanced with Priority and Penalty features*
  - When a new flexible constraint is created, the system assigns Priority A (Highest Priority) by default. If needed, the user can change this default by selecting another priority value from the *Priority* dropdown list. A product with priority A has the highest priority, a product with priority B has the next highest priority (and so on, up to priority O). The Priority value will be same for all the constraint items and time intervals of the given item. It can be changed in *Edit* mode for individual time intervals.
  - When a new flexible constraint is created, all penalty fields are automatically initialized to 0, and all flags are set to Inactive by default. If needed, the user can change the penalty values and flags. *Below Minimum Supply* maintains the *Minimum supply* value, *Deviating Target Supply* maintains the *Deviating Supply* value, and *Above Maximum Supply* maintains the *Maximum Supply* value. For all these three penalties value types, the relevant indicators can be activated from the dropdown list.

> ⓘ Note
>
> The Penalty values entered should be non-negative numbers.

- *Copy* dialog box:
  - *Define Penalties*: Specify how the copy of penalty values are determined.
  - *Copy from Template*: The penalties are considered from the flexible constraint group that is used as a template.
  - *Absolute Values*: The new penalty values are considered as mentioned in the *Copy* dialog box.
  - *Relative to Template:* The percentage of the penalty values are calculated based on the flexible constraint group that is used as a template.

    > ⓘ Note
    >
    > The flexible constraints should be active and not in the past when copying.

- *Object Page enhanced with Priority and Penalty features*
  The *Priority* level is now displayed in the *General Information* tab and the new tab *Penalties* has been created.
  The following information can be found on the *Penalties* tab:
  - Below Minimum Supply
  - Minimum Supply Penalty Indicator
  - Deviating Target Supply
  - Target Supply Penalty Indicator
  - Above Maximum Supply
  - Maximum Supply Penalty Indicator

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	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 FPS1

Additional Details

Excel Enhancements	• *Get tem* • *Downloa* • The san • Constra • *Attribut*
Delete in Fiori App list and object page	*Group Level* • *Delete*: I • An info r If there *Flexible Cons* • *Delete a* *Disabled* • An info r If there

Related Information

Planning with Flexible Constraints
Manage Flexible Constraints for PP/DS

6.4.8 OData API: Flexible Constraint for PP/DS Enhancements

Business Details

The OData service `api_scm_flex_constr` now supports the definition and maintenance of Flexible Constraints and has been enhanced with new properties.

The API has been enhanced with:

- Priority
  - If the priority is not sent in the input payload, the flexible constraint will get created with default priority as A, penalty values as 0 and status inactive.
- Delete
  - Only inactive or past flexible constraints can be deleted from API. The GUID gets deleted with all the constraint deletion.

ⓘ Note

Deletion of Flexible Constraint records is permitted only if at least one of the following conditions is met:

- The flexible constraint is *in the past, OR*
- The flexible constraint is *inactive*

If both conditions fail, deletion is blocked and the system displays an error message.

After successful deletion of flexible constraint records, the If no records remain, the system deletes the related entry from the Flexible Constraint Group ID.

The *Flexible Constraint Data* entity of the OData API has been enhanced with the following new properties:

Property	Description
PPDSFlxCnsPriority	Priority for Flexible Constraints
PPDSFlxCnsMinPenaltyValue PPDSFlxCnsMinPnltyFlag	Penalty Below Minimum Supply with Indicator
PPDSFlxCnsTgtPenaltyValue PPDSFlxCnsTgtPnltyFlag	Penalty Deviating Target Supply with Indicator
PPDSFlxCnsMaxPenaltyValue PPDSFlxCnsMaxPnltyFlag	Penalty Above Maximum Supply with Indicator

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	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 FPS1

Related Information

Planning with Flexible Constraints

Flexible Constraint for PP/DS

6.4.9 RFC Enhancements

Business Details

The IBP RFC and PPO RFC Function modules have been enhanced with Priority and Penalty:

- *IBP RFC Function module enhancement* `/SAPAPO/FLXC_DEFINITION`
  - New field for Priority is available as part of the RFC importing parameter IT_FLEXIBLE_CONSTRAINT
  - In case IBP doesn't send the Priority in the RFC input parameter at the time of integration, *Priority* will be defaulted to the highest priority in PP/DS (*A*).
    Penalty will be defaulted to *0* and the indicator will be set to inactive.
- *PPO RFC Function module enhancement*
  - API (Class Method) `READ_FLXC`
  - The system now reads and displays the corresponding output of Flexible Constraints records taking into account input selection by priority.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	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 FPS1

Related Information

Planning with Flexible Constraints

6.4.10 Priority in Heuristics SAP_PP_FLXC

Business Details

Heuristics have been enhanced with Priority field:

The purpose of the priority field is to filter out the products or respective constraints that the system should consider during planning. A product with priority *A* has the highest priority, a product with priority *B* has the next highest priority (and so on, up to priority *O*).If we do not specify a value from the priority field, the heuristic considers default priority *O* (lowest priority), it means it considers all products/flexible constraints. And if you specify the priority *C*, for example, the heuristic only considers priorities *A*, *B* and *C*.

During the Production Planning Heuristics run, if the Flexible Constraint is set to priority *B* and the system is filtered with priority *A*, no order gets created, as the selected priority is higher than the Flexible Constraint priority set. In this case, the message "*Flexible Constraints with priority A and above have been considered"* will be displayed in the message log.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	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 FPS1

Related Information

Planning with Flexible Constraints

6.4.11 Monitor Receipts New Features

Business Details

We have introduced the following new features for the *Monitor Receipts* app to help Production Planners work with greater ease and flexibility:

- **Time Zone Options**: Set your preferred time zone and configure how timestamps are displayed in the application by choosing between FLP, Application, or Location time zone.
- **Filtering Receipts by Characteristics Values**: Filter receipts based on specific attributes by utilizing the SAP Visualization Profile for faster checking and processing of the planning situation.
- **Heuristic execution**: Trigger heuristics and view the results directly in the app.
- **Editing Source of Supply** Change the *Source of Supply* for one or more receipt elements to support accurate planning and execution.
- **Run ATP Check**: With the *Run ATP Check* action, you can validate material availability for selected orders before proceeding with further planning or execution decisions.
- **Refresh button** : Use the *Refresh button* to update the data displayed in the application with the latest state of the *Active Planning Version*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`App ID: F8273`
Application Component	`SCM-APO-PPS-PVW` (*Detailed Scheduling*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Monitor Receipts

6.4.12 New Monitor Requirements Fiori Application

Business Details

The new *Monitor Requirements* Fiori application has the following key features:

- **Display** requirements records with filtering and sorting capabilities.
- **Use** variant management.
- **Display** rows number as **KPI** on the **custom tile**.

- Access *Detailed view* inside the app.
- Use *Monitor Alerts* with the option to store alerts profile in a filter for **custom tile** usage.
- Navigate to *Alerts Monitor* from the app.
- Use `Process Order (/SAPAPO/RRP2)` and `Product Overview (/SAPAPO/RRP3)` transactions with editing enabled.
- **Create, adopt, or cancel** simulation sessions.
- Keep simulation sessions alive.
- **Create, update, delete, and mass edit** requirement elements.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`App ID: F8635`
Application Component	`SCM-APO-PPS-PVW` (*Detailed Scheduling*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Monitor Requirements

6.4.13 Make-to-Stock Production – Discrete Manufacturing (7UV)

Business Details

This scope item describes a Make-to-Stock process that begins with Planned Independent Requirements(PIRs) and ends with the handover of the production plan to the shop floor. A heuristic run triggers production planning, which is monitored using the Product View and Alert Monitor. Capacity constraints for finished and semi-finished products are resolved in the Advanced Scheduling Board by selecting alternative resources or sources of supply, and planned orders are converted into production orders for shop floor execution.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7UV (Make-to-Stock Production – Discrete Manufacturing)
Technical Object Name	Not applicable
Application Component	`SCM-APO-PPS` (*Production Planning and Detailed Scheduling*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

6.4.14 Make-to-Order Production – Discrete Manufacturing (7V9)

Business Details

This scope item describes a Make-to-Order process that begins with a customer order and ends with the handover of an order-specific production plan to the shop floor. A heuristic run triggers production planning, which is monitored using the Product View and Alert Monitor. Capacity issues and constraints for finished products are resolved in the Advanced Scheduling Board by selecting the rescheduling, and planned orders are converted into production orders for execution on the shop floor.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7V9 (Make-to-Order Production – Discrete Manufacturing)
Technical Object Name	Not applicable
Application Component	`SCM-APO-PPS` (*Production Planning and Detailed Scheduling*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS01

6.5 Production Operations

6.5.1 OData API: Production Order Confirmation

Business Details

With the OData API *Production Order Confirmation* (`API_PROD_ORDER_CONFIRMATION_2_SRV`), you can process confirmations for production orders. The OData API has been enhanced.

The following enhancements have been made to version 1.4.0 of the OData API.

Entity	Property Category	Property Name
Material Movements for Confirmation (`ProdnOrdConfMatlDocItm`)	Extended Warehouse Management Data	`HandlingUnitExternalID`

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_PROD_ORDER_CONFIRMATION_2_SRV`
Application Component	`PP-ES` (*Enterprise Services*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Material Movements for Confirmation

6.5.2 Objects Changed 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 Confirmatiom	`I_PROCESSORDERCONFIRMATIONTP`	Changed	With this business object, you can now do the following: • Get proposal data for quantities, activities, dates and times, and personnel data for time ticket confirmations, which can be used to create a time ticket confirmation using the `GetConfProposal` function. • Get proposal data for goods movements for time ticket confirmations using the `GetGdsMvtProposal` function.

Object Type	End-User Name	Technical Name	Type	Details
Business object interface	Production Order Confirmatiom	`I_PRODUCTIONORDCONFIRMATIONTP`	Changed	With this business object, you can now do the following. • Get proposal data for quantities, activities, dates and times, and personnel data for time ticket confirmations, which can be used to create a time ticket confirmation using the `GetConfProposal` function. • Get proposal data for goods movements for time ticket confirmations using the `GetGdsMvtProposal` function.

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

https://hub.sap.com/bointerface/PCE_I_PRODUCTIONORDCONFIRMATIONTP

https://hub.sap.com/bointerface/PCE_I_PROCESSORDERCONFIRMATIONTP

6.5.3 Next Generation Just-In-Time (JIT) Supply to Production

Business Details

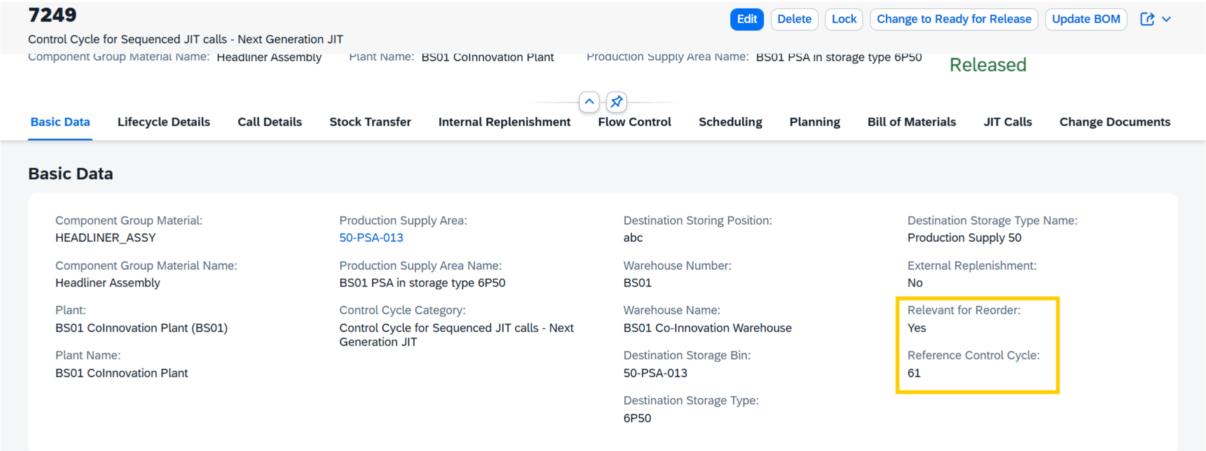
With this release, the following new features have been included:

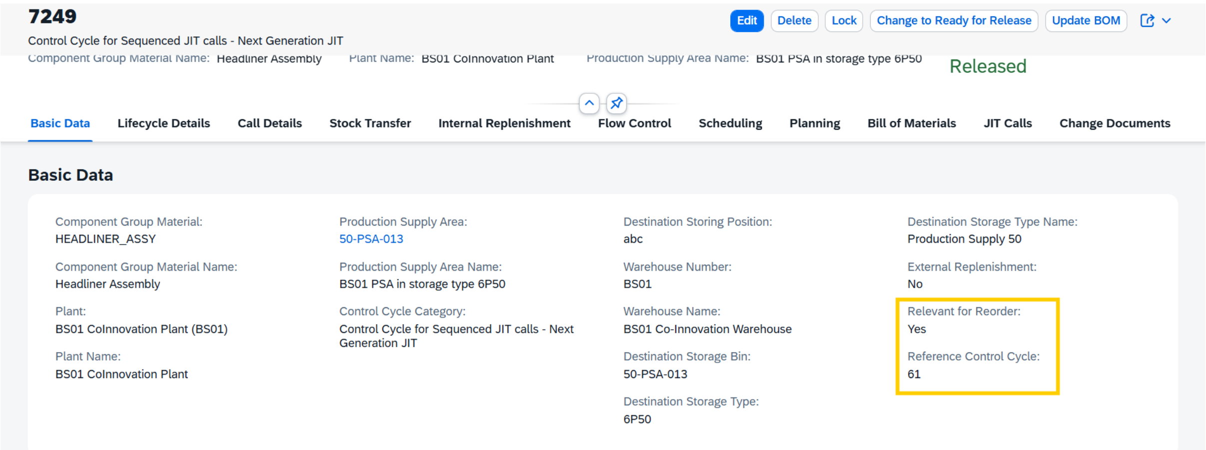
- The display of 'positive' relative-takt elements in PSP application for takt-based planning now includes those planned orders that are still in the PPCGO worklist (unprocessed orders).
- The Reorder functionality in 'Manage JIS Calls and Reorder' has been adjusted. It now identifies a reorder Control Cycle referencing the original Control Cycle. Reorders for regular JIS Calls are possible only to the main (primary) PSA or the reorder PSA.
- The system now considers the 'Max. No. of JIT Calls' from the JIT Control Cycle during JIT Call creation. This applies to both automatic planning as well as manual mode of creation.
- The Planning Procedure is added as a selection criterion for the Replenishment Planning Job.
- A deletion program is available to clear erroneous entries from sequencing tables in the event of takt-based planning.

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 updated Reorder functionality in 'Manage JIS Calls and Reorder'





Implementation Details

- For **Max JIT Call**, the **BADI - LE_NJIT_MAX_NO_OPEN_JIT_CALLS** must be implemented and IF_NJIT_MAX_NO_OPEN_JIT_CALLS->CHECK_MAX_JIT_CALLS_IS_ACTIVE (CV_ACTIVE and CV_PARTIAL_JIT_CREATE) is required to be abap_true.
- In order to run the deletion program:
  - The **switch LE_JIT_TAKT_MASTERDATA_CHANGE** must be active
  - Value '*06*' should be maintained for authorization object JIT_SEQ
- Deletion report:
  - **NJIT_S2P_PPE_REFRESH_SQNC** refreshes the data from vehicle sequencing entries
  - **NJIT_S2P_REM_REFRESH_SQNC** refreshes the data from complex component entries

Technical Details

Type	New Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`LE-JIT-S2P` (*Just-In-Time Supply to Production*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Manage JIT Calls

6.5.4 Next Generation Just-In-Time (JIT) Supply to Customer

Business Details

With this release, the following new features have been included:

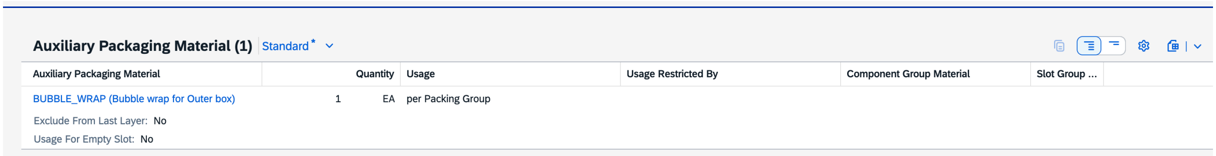
1. **JIT-S2C integration to EWM and TM** - The system now supports a complete end-to-end integration of JIS Calls. This integration covers the entire process, from the Sales Scheduling Agreement to the Invoice. It seamlessly integrates with Extended Warehouse Management and Transportation Management.
2. **Tier two Supplier Integration via JIS Call Forwarding** - Integration with Tier 2 suppliers is now enabled for procuring specialized components and sub-assemblies. This is achieved by forwarding JIS Call component groups as requested by customers.
3. **Option to split JIS Calls** - Previously, when a supplier received a JIS Call from the same Ship-To Party with the same External JIT Call Number, the system updated the existing JIS Call instead of creating a new one. Now, it is possible to split JIS Calls (with the same External JIT Call Number) based on criteria such as Sales Area or BTD ID.
4. **Flexible determination of Customer Supply Area** - You can now customize the determination of the Customer Supply Area by defining specific rules in the Manage JIT Customer Master. Additionally, you can control whether the destination data transfers to the JIS Call from the Customer Master or through EDI.
5. **Configuration and utilization of Auxiliary Packaging Material** - You can now configure auxiliary packaging materials within the Manage Packing Group Specification master data. These materials can then be transferred to the handling unit or outbound delivery.

6. **Extensibility to influence distribution of delivery confirmation quantity across JIS Calls** - When the total quantity in the Delivery Confirmation matches the delivered quantity of JIS Calls for a component group material, the standard system handles quantity distribution. In cases of a mismatch, distribution is not managed by standard. You can now implement a BAdI to apply custom logic for quantity distribution.
Deprecated application for scanning - The "**Process Customer JIT Calls by Scan/ Data Entry**" (F5138) **is deprecated** and will be deleted from the SAP Fiori launchpad. It may no longer be available by default. You can use "Process Customer JIT Call Component Groups - by Confirmation Scan" (F6665) as a replacement for processing objects by scanning.

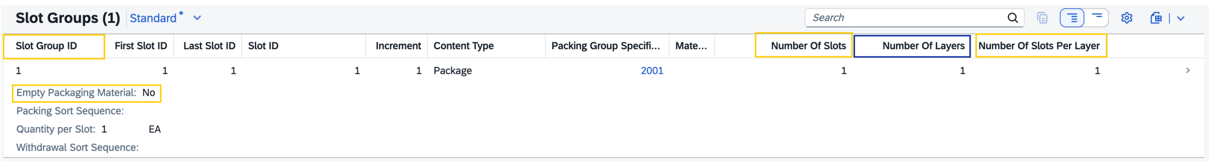
Examples of the User Interface

> ⓘ 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.

New facet in packing specification app

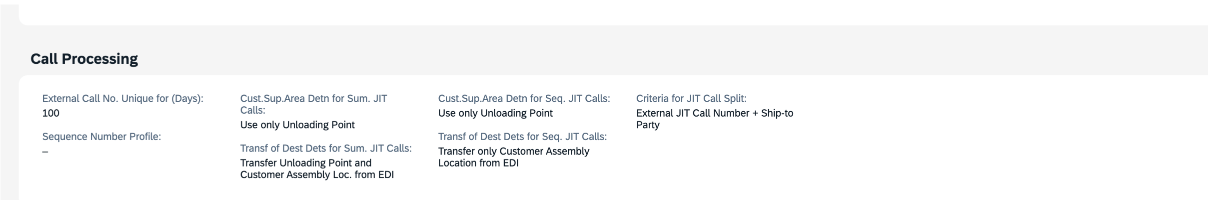


Newly added fields in the existing slot group facet



.

JIT call split rule can be added from this facet available in JIT customer master application



Technical Details

Type	New Changed Deprecated
Functional Localization	No localization

Scope Item	2EM (Just-In-Time Supply to Customer)
Technical Object Name	`Not applicable`
Application Component	`LE-JIT-S2C` (*Just-In-Time Supply to Customer*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Next Generation Just-In-Time (JIT) Supply to Production

6.6 Quality Management

6.6.1 Enhanced Interface for Sending Inspection Lot Changes to External System

Business Details

To support seamless quality inspections, send Inspection Lot changes from SAP S/4HANA to an external system using an enhanced interface. The interface now includes additional fields in the payload that customers can use for processing, which they can initiate using events in `I_InspectionLotTP_2`. You can now use custom payloads for specific operations such as create, change, or cancel for an Inspection Lot. For more information, see the API documentation in the SAP API Business Hub.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`I_InspectionLotTP_2`
Application Component	`QM-IM` (*Inspection Lots*)

Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

6.6.2 Enhancement of BAdI: Business Add-In for Assignment of Inspection Plan

Business Details

The BadI *Business Add-In for Assignment of Inspection Plan* (`BADI_INSPLOT_PLAN_ASSIGNMENT`) was enhanced to include the production order into the import parameter `IS_INSPECTIONLOT_CONTEXT`.

It was also added to the IMG structure for private cloud.

The BadI can be used to substitute the inspection plan during inspection lot creation, if the process requires one.

Implementation Details

Customizing

You can access this BAdI at *Quality Management* > *Quality Management* > *Tools* > *Environment* > *Quality Inspection*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	not applicable
Technical Object Name	`BADI_INSPLOT_PLAN_ASSIGNMENT`
Application Component	`QM-IM` (*Inspection Lots*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

App Extensibility: Display Inspection Lot
App Extensibility: Manage Inspection Lots

6.6.3 Print Buttons Enabled for Manage Inspection Lots App

Business Details

In the *Manage Inspection Lots* app, the buttons *Print Inspection Report* and *Print Sample Drawing Instruction* can now be enabled after you import the `INSPECTION_LOT` application for the Output Parameter Determination (OPD) customizing. Use SAP Note 3615347 to import the XML file.

Implementation Details

Customizing

Carry out the Customizing in the S/4HANA Output Control Adoption. Search for the application `INSPECTION_LOT`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F2343
Application Component	`QM-IM` (*Inspection Lots*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Printing Inspection Reports
Printing Sample-Drawing Instructions

6.6.4 Result Recording for Serial Numbers using InspectionResultItem

To record inspection results for serial numbers, use the InspectionResultItem property in the Create/Update Single Inspection Results API. This update supports result recording for inspection characteristics. Execute a POST request against the A_InspectionResultValue entity set for the specified characteristic.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`InspectionResultItem`
Application Component	`QM-IM` (*Inspection Lots*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Create/Update Single Inspection Results

6.6.5 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-IM-SM (*Sample Management*) CA-QIE (*Quality Inspection Engine*)	Integration of SAP Extended Warehouse Management (SAP EWM) with Quality Management in SAP S/4HANA: For decentral EWM scenarios, a new switch allows you to decide if you want to create physical samples in the SAP S/4HANA system or in the SAP EWM system. By default, the switch is inactive and samples are created in SAP EWM. It can be activated in backend Customizing at *Quality Management* > *Basic Settings* > *Maintain Settings at Client Level*. If for the business process *Quality Inspection*, the checkbox *Decentral inspection lot physical sample* is set to active, physical sample creation will happen in the SAP S/4HANA system. **Note** This new feature is only available for decentral EWM scenarios, not for embedded	S4CORE 109 S4CORE 108 S4CORE 107 S4CORE 106 S4CORE 105 S4CORE 104 S4CORE 103	New	343703	3594535

Application Component	Improvement Description	Software Component	Product Features are (New/ Changed)	Improvement Request ID	SAP Note
	EWM scenarios.				
QM-QN-DEV (*Defects Recording*)	You can use the *Warehouse Defect* function of Warehouse Defect Management to manage defective parts that are located in SAP Extended Warehouse Management (SAP EWM). When assigning stock to a warehouse defect in the *Stock Selection* area, you can now see more data to determine the correct parts during assignment: additional columns with sales order details are available, for example, *Sales Order/ Project*, *Sales Order Item Number*, and *Type*.	S4CORE 109 S4CORE 108 S4CORE 107 S4CORE 106 S4CORE 105	New	342444	3639151

Application Component	Improvement Description	Software Component	Product Features are (New/ Changed)	Improvement Request ID	SAP Note
QM-PT	Improved customizing for consistency checks for inspection planning: During the creation or change of inspection plans, end users may receive pop-ups which prevent them from saving their changes due to system error or warning messages. In order to avoid unnecessary popups, you can now change the message type for messages that are issued during consistency checks from *Error* to *Warning* or from *Warning* to *Information*. This new setting can be done per message number to ensure that end users only receive messages that are relevant to them and require corrections in their test plans. You can adapt messages behavior in backend Customizing at transaction *SM30* > *V_160MQM*. Select the relevant *Message Number* and set the *Type* to *I*. The popup *Check Task List* will no longer appear upon saving. Additionally, you can set the mes-	S4CORE 109 S4CORE 108 S4CORE 107 S4CORE 106 S4CORE 105	New	342453	3654455

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
	sage type to *I* in order to ignore a consistency check in case the defect code is left blank.				
QM-PT-CP *Control Plan*	Increased screen output range: The output range of the main screen and the *Structure* subscreen of the *Control Plan (QM-PT-CP)* (transaction `QPCP`) has been increased to avoid issues with screen resolution in HD and a restricted view. Now, you can see all important information at a glance without the need for additional scrolling.	S4CORE 109 S4CORE 108 S4CORE 107 S4CORE 106 S4CORE 105	Changed	329839	3653912

These improvements are valid for all countries.

For more information about the **Customer Influence and Adoption** 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 Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS01

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* > *Routings* > *Work Instructions* > *Map Document Types for Work Instructions and Standard Texts*	In this Customizing activity, you map document types to the applications for maintaining work instructions and standard texts. The document types that you map here are available for selection when uploading images within the designated application. Note You first need to create the relevant document types in Customizing for *Cross-Application Components* under *Document Management* > *Control Data* > *Define DMS Document Types*.
Production > *Manufacturing for Production Engineering and Operations* > *Production Operations* > *Operation Activity Print Configuration* > *Map Document Type for Work Instructions Printing*	In this Customizing activity, you map a document type for the printing of work instructions. When a work instructions PDF file is generated, the system automatically saves it in the Document Management System (DMS) using the default document type. Note The system supports only one document type for work instructions printing.
Production > *Manufacturing for Production Engineering and Operations* > *Production Operations* > *Operation*	In this Customizing activity, you maintain the logo settings for operation activity printing. The same logo is also printed for work instructions (WI) when the WI is attached to the operation activity (OA) during printing.

Customizing Path	Description
Activity Print Configuration > *Maintain Logo Settings for Operation Activity Printing*	**Note** You need to specify the logo dimensions in points (pt), which is the unit of measure used in the Adobe form template of the operation activity.
Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Production Engineering* > *Production Integration Portal (PiP) Data* > *BAdI: Direct Assignment for Sequence*	You can implement this BAdI if you want to create a new parallel or alternative 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: Filling of Styles for Rich Text Editor*	You can implement this BAdI if you want to define the default font and text formatting used in the rich text editor. You can use this BAdI in work instructions authoring and standard text maintenance to define the text style and formatting settings.

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 FPS01

7.1.2 Alternative Sequences

Business Details

With this feature, the use of alternative sequences has been enabled for SAP S/4HANA Manufacturing for production engineering and operations (PEO). An alternative sequence is a series of several operations and it can be performed **instead of** a series of operations in the standard sequence. Alternative sequences can provide greater process and scheduling flexibility to reduce production time, better utilize resources, and support different manufacturing scenarios.

Additional Details

In the simplest case, a routing only has one sequence, which is the standard sequence, with the technical name `000000`. An alternative sequence is a set of operations that can be performed **instead of** the set of operations in the standard sequence that they replace.

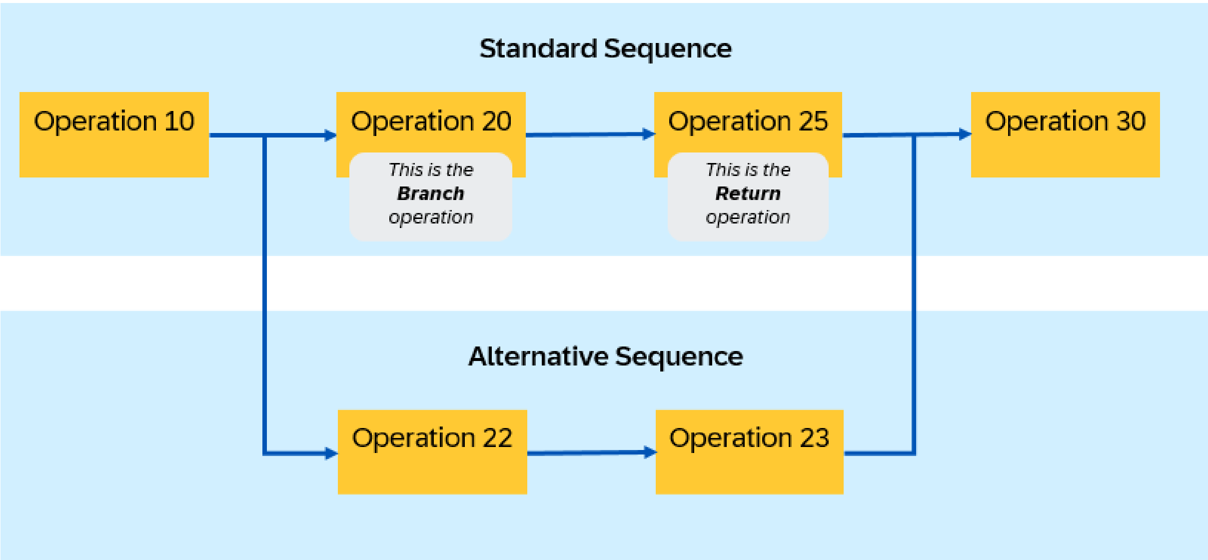
You can create alternative sequences to model alternative production processes, such as:

- Work that you can perform on an alternative machine with a similar purpose.
- When you need to perform different inspections.
- When you want to bypass certain production steps.
- When you need to define different lot sizes.

When you create an alternative sequence, you define the following:

- The **branch operation**, which is the operation in the standard sequence **before** which the system forks to the alternative sequence.
- The **return operation**, which is the operation in the standard sequence **after** which the system returns to the standard sequence.

In this example, operations 22 and 23 can be performed instead of operations 20 and 25 if you switch to the alternative sequence in the production order.



For more information, see Alternative Sequences.

To support this feature, the following apps and functions 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 BAdI is available, which you can use to modify the PiP handover of sequences. Here, you can set default values of the attributes programmatically, or you can adjust attribute values based on your own rules, for example.
  For more information, see Production Integration Portal (PiP) [page 300].

- **Manage Shop Floor Routings**
  It's possible to create alternative sequences in shop floor routings for standard materials and for materials with unitized parameter effectivity.

  > **Restriction**
  >
  > The creation of sequences in routings for configurable materials isn't supported yet.

  For more information, see How to Create Alternative Sequences.
  In the component assignment workspace, the system provides extra support when you assign a component to an operation activity in a portion of the standard sequence that could be replaced with an alternative sequence. For more information, see How to Assign Components to Alternative Sequences.
  The system considers changes made to sequences in the change history. For more information, see Tracking Changes in the Change History.
  It's also possible to use the compare functions to see the differences in sequences between routings and routing versions. For more information, see Comparing Routings.
- **Manage Order-Specific Shop Floor Routings**
  All the above features are also available in the order-specific shop floor routing.

  > **Note**
  >
  > All operations in the portion of the standard sequence that you want to replace with an alternative sequence must not be released. Otherwise, it is not possible to exchange this portion of the standard sequence with the alternative sequence in the production order.

  In the structure tree of the order-specific shop floor routing, the *Selection State* column shows the current situation in the production order with regard to alternative sequences:

Currently Selected in Production Order	This icon appears next to all sequences (standard, parallel, and alternative), operations, and operation activities that are currently selected in the production order.
Selectable in Production Order	This icon appears next to alternative and standard sequences that aren't currently selected in the production order and that can be selected for a sequence exchange. For more information, see How to Exchange Sequences.
Not Selectable in Production Order	This icon appears next to alternative and standard sequences that aren't currently selected in the production order, but can't be selected for a sequence exchange, as operations in the currently selected sequence have already been released, for example.

- **Manage Production Orders**
  The *Order Schedule* section of the production order shows the scheduling of the operations in an alternative sequence. You can choose the *Graphical View* icon to display a flow diagram of the operations in their respective sequences.
- **Create Production Order**
  As soon as you select a production version based on a shop floor routing which includes an alternative sequence, a dialog box appears to inform you that alternative sequences exist.
  - Choose **Yes** to display the alternative sequences.

To use an alternative sequence in the production order, select the required alternative sequence and choose ✔ (*Continue*).
  - Choose **No** if you want to decide on whether to use the standard sequence or the alternative sequence at a later stage, once the production order is created. You can also exchange sequences in the *Change Production Order* app.
- **Change Production Order**
  To exchange a portion of the standard sequence with an alternative sequence in an existing production order, choose *Functions* > *Exchange Sequences* from the menu.
  Select the required alternative sequence and choose ✔ (*Continue*) to use the alternative sequence in the production order.
  For more information, see How to Exchange Sequences.
- **Order Split with Alternative Sequences**
  It's now possible to perform an order split for shop floor orders that contain alternative sequences. For more information, see Order Split for Shop Floor Orders.
- **Sequences in Shop Floor Routings for ERP Integration**
  IDoc `LOIPRODVER03` now supports sequences in segment `E1PLFLE`. This means it's possible to create both parallel and alternative sequences in shop floor routings that are relevant for ERP integration (that is, routings where the *ERP Integration* indicator is active. When the routing version is released, the system replicates it to SAP ERP along with the sequences.
  Furthermore, changes made to sequences in the order-specific routing are merged with the production order in the ERP system, as soon as the order-specific routing is released.
  For more information on the integration scenario with SAP ERP, see Integration with an ERP System.

> ⚠ Restriction
>
> Alternative sequences aren't currently supported in the *Manage Production Models* apps. This means:
>
> - You can't migrate shop floor routings that contain alternative 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 alternative sequences.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App IDs: MSFR4 F2336 CO01 CO02 MSFR7
Application Component	PP-PEO (*Production Engineering and Operations*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

7.1.3 Enhancements to Parallel Sequences

Business Details

The main enhancements to parallel sequences include the following:

- It's now possible to add, change, and delete parallel sequences in order-specific shop floor routings.
- Sequences are supported in shop floor routings for ERP integration.
- Parallel sequences are now supported in the *Manage Production Models* apps.

Manage Order-Specific Shop Floor Routings

In this app, it's now possible to make the following changes to parallel sequences:

- Add new parallel sequences
- Change the description, alignment key, branch operation, or return operation of an existing parallel sequence
- Delete an existing parallel sequence

→ Remember

The following prerequisites apply:

- Flexible processing must be enabled.
- The operations in existing parallel sequences must have the editing state `Editable`.

ⓘ Note

It's already possible to add operations to an existing parallel sequence and delete operations from an existing parallel sequence, as long as the operations are `Editable`.

Parallel Sequences in Shop Floor Routings for ERP Integration

IDoc `LOIPRODVER03` now supports sequences in segment `E1PLFLE`. This means it's possible to create both parallel and alternative sequences in shop floor routings that are relevant for ERP integration (that is, routings where the *ERP Integration* indicator is active. When the routing version is released, the system replicates it to the SAP ERP system along with the sequences.

For more information on the integration scenario with SAP ERP, see Integration with an ERP System.

Enhancements to Routing Comparison

The routing comparison now identifies the following differences in the attributes of parallel sequences:

- Sequence description
- Reference sequence
- Alignment key
- Branch operation
- Return operation

Parallel Sequences in *Manage Production Models* Apps

Parallel sequences are now supported in the *Manage Production Models* apps.

For more information, see How to Maintain Parallel Sequences.

> ⓘ Note
>
> As sequences aren't yet supported in a variant configuration scenario, parallel sequences are therefore not supported in the *Manage Production Models - Engineer-to-Order* app in production models for configurable materials (material type `KMAT`).

Order Split with Parallel Sequences

It's now possible to perform an order split for shop floor orders that contain parallel sequences. For more information, see Order Split for Shop Floor Orders.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App IDs: `MSFR4`
Application Component	`PP-PEO` (*Production Engineering and Operations*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

[Parallel Sequences]
[Alternative Sequences [page 292]]

7.2 Extended Production Engineering

7.2.1 BOM-MRS Mapping Enhancements

Business Details

Previous validations for BOM-to-MRS mapping that enforced relative mapping below absolute mapping have been relaxed to allow absolute mapping from any BOM level. As a result, the BOM header and BOM components can be mapped to unrelated MRS nodes in the hierarchy in the context of the root BOM with the full path. This enhancement provides greater flexibility in BOM-MRS mapping. In this case, if absolute BOM-MRS mapping exists for a BOM node, relative mapping of the same BOM node in the context of the immediate parent BOM header is no longer possible and vice versa.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PP-PEO-MRS` (*Manufacturing Reference Structure*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Linking of BOM Hierarchy to MRS Hierarchy

7.2.2 Manage Change Records

Business Details

It's now possible to trigger an order change from this app and in doing so create an order-specific shop floor routing (OSR) without having to navigate to the *Manage Production Orders* app. The *Analyze Change Impact* function now displays the impact of any changes made to alternative item groups.

Changing an In-Process Production Order from the Change Record

In the *Production Orders* section of this app, you can select a production order and choose *Create OSR* to trigger an order change and create an order-specific shop floor routing (OSR) directly from the change record. The system adds the newly created OSR to the *Shop Floor Routings* section of the change record. You can navigate to this OSR by selecting the production order again and choosing *Manage OSR*. The system navigates to the OSR, where you can make the necessary changes. When you release the OSR, the system updates the production order accordingly with your changes.

The *Order Change* column provides you with information on the production order's status with regard to an order change and an OSR as follows:

No Change	No order change has been triggered for this production order as yet, and no order-specific shop floor routing (OSR) exists. Select the production order and choose *Create OSR* to trigger an order change and create an OSR. Then select the production order again and choose *Manage OSR* to navigate to the newly created OSR and make the necessary changes. **Note** If an OSR has been created and then set to `Obsolete`, the system also interprets this as *No Change*.
In Process	An in-process OSR exists for this production order and you can choose *Manage OSR* to navigate to it and make the necessary changes.
Completed	An OSR was created for this production order and it has been released, so that the changes made in it have been updated to the production order. • Choose *Create OSR* if you need to make further changes to this production order. • Choose *Manage OSR* to view the changes done in the released OSR.

For more information on managing order changes in the OSR, see Processing Order-Specific Shop Floor Routings.

Changes to Alternative Item Groups in the Change Impact Analysis

The change impact analysis now examines alternative item groups (AIGs) and identifies changes made to AIGs in EBOMs, along with the downstream objects impacted by these changes.

When you display details for an EBOM, the *Item Details* table now contains the following new columns:

- Alternative Item Group
- Usage Probability
- Priority
- Strategy

The *Net Change* table also displays detailed information about a changed or added AIG as a hyperlink in the columns *Value Before* and/or *Value After*. You can simply choose this hyperlink to display a popup which lists each component that is a member of this AIG, along with its usage probability, priority, and strategy.

For more information, see How to Analyze the Impact of Engineering Changes.

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 and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

7.2.3 Production Integration Portal (PiP)

Business Details

It's now possible to hand over the following from your PLM system in the PiP source file:

- Alternative sequences
- EQC groups
- Long texts for externally processed operations and for inspection characteristics
- Document links in work instructions
- Flexible rework routings

Additional HTML tags are now supported in the PiP handover of work instructions.

Handover of Sequences

It's now possible to include alternative sequences in the source PiP file. You can then hand these objects over to the shop floor routing or rework routing in the PiP workspace. The necessary mapping information must be maintained in Customizing first.

Handover of EQC Groups

It's now possible to include EQC groups for operation activities and/or inspection characteristics in the source PiP file. You can then hand these objects over to the shop floor routing or rework routing in the PiP workspace. The necessary mapping information must be maintained in Customizing first.

Handover of Long Texts

It's now possible to include the following in the source PiP file:

- Long texts for externally processed operations
- Long texts for inspection characteristics

You can 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 Document Links in Work Instructions

It's now possible to include document links in work instructions in the source PiP file. You can then hand these objects over to the shop floor routing or rework routing in the PiP workspace. The necessary mapping information must be maintained in Customizing first.

Flexible Rework Routings

It's now possible to create rework routings and operation set templates where flexible processing is enabled, by handing over a source file where the flexible processing flag is set in the header.

Additional HTML Tags in Work Instructions

Additional HTML tags relating to headings, tables, lists, and text formatting are now supported in the handover of work instructions to the shop floor routing or rework routing in the PiP workspace.

HTML Tag Type	HTML Tag	Description	Example
Heading	`h1`	The largest and most important heading	
Heading	`h2` to `h6`	Subheadings, with decreasing importance	
Table	• `table border` • `colgroup` • `thead` • `tbody`	These HTML tags can be used to create a simple table	<table border=”” style=””> <colgroup style= “”> <col style= “”> </col> </colgroup> <thead style=””> <tr style=””> <td style=””></td> <tr> </thead> <tbody style=””> <tr style=””>

HTML Tag Type	HTML Tag	Description	Example
			<td style=""></td> </tr> </tbody> </table>
Text Formatting	`s`	Strikethrough	<s style=""></s>
Lists	• `ol` • `ul`	• Ordered list • Bulleted list	• •
Text Formatting	`s`	Strikethrough	<s style=""></s>

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 the following:

- Alternative sequences
- EQC groups for operation activities
- EQC groups for inspection characteristic
- Long texts for externally processed operations
- Long texts for inspection characteristics
- Document links in work instructions

Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Production Engineering* > *Production Integration Portal (PiP)*

This section now contains this BAdI:

- *BAdI: Direct Assignment for Sequence* (`EX_MPE_STA_DRCT_ASSGN_SEQ`). You can implement this BAdI 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.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`PP-PEO-PIP` (*PEO Production Integration Portal*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Settings for the Production Integration Portal (PiP)

7.2.4 Manage Planning Routings

Business Details

The following enhancements have been made to this app:

- Simple discontinuation information is now displayed for components that have a follow-up material.
- A new filter lets you quickly identify planning routings that were created using a snapshot and the Production Integration Portal (PiP).

Simple Discontinuation Information

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. If this column contains an *X* for a component, you can select the component and choose *Display Component Details*. The system then displays the BOM item details dialog which includes a *Simple Discontinuation* tab page, where the follow-up material and effective-out date are displayed.

New *With Snapshot* Filter

In the entry screen, you can now apply a filter to find planning routings that have been created by means of a manufacturing snapshot and the Production Integration Portal (PiP).

Select the *With SShot* (With Snapshot) checkbox and choose *Go* to display planning routings for which a manufacturing snapshot exists.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `MSFR14`
Application Component	`PP-PEO-SFR-PLN` (*Planning Routing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

7.2.5 Manage Shop Floor Routings

Business Details

This app now supports:

- Alternative sequences
- Flexible rework routings
- The creation of long texts for externally processed operations and for inspection characteristics

Furthermore, enhancements have been made to the routing comparison and work instructions.

Alternative Sequences

With this feature, you can create alternative sequences in the shop floor routing. An alternative sequence is a series of several operations that you can perform **instead of** a series of operations in the standard sequence. You can create alternative sequences to model alternative production processes, such as:

- Work that you can perform on an alternative machine with a similar purpose
- When you need to perform different inspections
- When you want to bypass certain production steps
- When you need to define different lot sizes

For more information, see Alternative Sequences [page 292].

Flexible Rework Routings

You can now create rework routings for which flexible processing is enabled. The *Flexible Processing* checkbox is now available when you create rework routings. This setting allows predecessor relationships between the operation activities of different operations (cross-operation relationships).

For more information, see How to Define Relationships (Flexible Processing).

During manufacturing execution, after recording a defect / quality notification and adding a *Rework (015)* quality task, you can display and select flexible rework routings when you choose *Select Rework Routing*.

> **Note**
>
> You can't select a flexible rework routing if the production order is based on a shop floor routing for which flexible processing isn't enabled.

Long Texts for Externally Processed Operations

In the *Details Workspace*, you can now create long texts for operations that are processed by an external service provider. The system transfers these texts to both the production order and the purchase requisition.

For more information, see How to Create Long Texts for Operations.

Long Texts for Inspection Characteristics

In the *Details Workspace*, you can now create long texts for inspection characteristics. These long texts are visible in the following apps:

Perform Operation Activity	You can display the long text for an inspection characteristic in the *Data Collection* section. Choose the *(Long Text)* icon in the *Additional Actions* column for the relevant inspection characteristic.
Order Genealogy	In the *Inspection Characteristics* section, choose the *Settings* icon, and select *Long Text* to display long texts for inspection characteristics.
Product Genealogy for serialized materials	In the *Inspection Characteristics* section, choose the *Settings* icon, and select *Long Text* to display long texts for inspection characteristics.

For more information, see How to Create Long Texts for Inspection Characteristics.

Enhancements to Routing Comparison

The routing comparison now identifies:

- Differences in extended quality check (EQC) groups assigned to operation activities
  The comparison lists those EQC groups for which the values differ.
- Differences in long texts for externally processed operations
  The comparison shows differences in operation long texts that are created for operations that are processed by an external service provider.
  To display line-by-line differences for a modified operation long text:
  1. Select the impacted operation and navigate to the *Details Workspace*.
  2. Choose the *Display* button in the *General* tab for this operation.
  3. In the *General: Differences* dialog box, select *Operation Long Text* and choose *Details*.
     The system displays a line-by-line breakdown of the differences between the two versions of the operation long text.
- Differences in long texts for inspection characteristics
  To display line-by-line differences for a modified inspection characteristic long text:
  1. Select the impacted operation activity and navigate to the *Details Workspace*.
  2. In the *Inspection Characteristics* tab for this operation activity, select the impacted inspection characteristic and choose the *Differences* button from the toolbar.

3. In the *Inspection Characteristic: Differences* dialog box, select *IC Long Text* and choose *Details*.
The system displays a line-by-line breakdown of the differences between the two versions of the long text for this inspection characteristic.

- Differences in parallel and alternative sequences
The routing comparison shows differences in the attributes of sequences (reference sequence, alignment key, branch operation, and return operation).

New Filter for Routings with PiP Workspace

In the entry screen, you can now apply a filter to find routings that have been created by means of a manufacturing snapshot and the Production Integration Portal (PiP).

Select the *With SShot* (With Snapshot) checkbox and choose *Go* to display only routings for which a manufacturing snapshot exists and the *PiP Workspace* is available.

If you create a new routing by copying an existing routing that was created by means of a manufacturing snapshot, you can choose whether to copy with or without the link to the snapshot. For more information,see How to Copy Existing Routings to New Routings.

EQC Groups

It's now possible to assign an EQC group to an operation activity in the *Structure Workspace* when creating or changing single operation activities.

For more information, see Setting up Extended Quality Check (EQC) Groups.

Furthermore, if you copy an operation activity or inspection characteristic to the clipboard or to a template, its EQC group assignments are also copied

Work Instructions

- You can now add images from multiple document types when you're maintaining work instructions and standard texts. Previously, this feature was limited to the pre-delivered document types *WI2* (for work instructions) and *ST1* (for standard texts). Additionally, you now have the flexibility to upload images directly from the SAP Content Server, rather than being restricted to your local system.
To upload an image, simply choose the *Upload Image* button in the text editor. In the dialog box, select the one of the configured document types from the dropdown menu and choose *Browse*. Select the required image and choose *OK* to upload it.
For more information, see Best Practice Information for Inserting Images.
- You also have the option to map a document type for the printing of work instructions. When a work instructions PDF file is generated, the system automatically saves it in the Document Management System (DMS) using the default document type defined in Customizing.

> Note
>
> The system supports only one document type for work instructions printing.

- You can also use a BAdI to define the default font and text formatting used in the rich text editor for maintaining work instructions and standard texts.

For more information, see the *Customizing* section of this document.

Implementation Details

Customizing

Production > *Manufacturing for Production Engineering and Operations* > *Production Engineering* > *Routings* > *Work instructions* > *Map Document Types for Work Instructions and Standard Texts*

In this Customizing activity, you map document types to the applications for work instructions and standard texts. The document types that you map here are available for selection when uploading images within the designated application.

> **Note**
>
> You first need to create the relevant document types in Customizing for *Cross-Application Components* under *Document Management* > *Control Data* > *Define DMS Document Types*.

Production > *Manufacturing for Production Engineering and Operations* > *Production Operations* > *Operation Activity Print Configuration* > *Map Document Type for Work Instructions Printing*

In this Customizing activity, you map a document type for the printing of work instructions. When a work instruction PDF is generated, the system automatically saves it in the Document Management System (DMS) using the default document type.

Production > *Manufacturing for Production Engineering and Operations* > *Production Operations* > *Operation Activity Print Configuration* > *Maintain Logo Settings for Operation Activity Printing*

In this Customizing activity, you maintain the logo settings for operation activity printing. The same logo is also printed for work instructions (WI) when the WI is attached to the operation activity (OA) during printing. Note that you must specify the logo dimensions in points (pt), which is the unit of measure used in the Adobe Form Template of the operation activity.

Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Production Engineering* > *Shop Floor Routings* > *Work Instructions Authoring* > *BAdI: Filling of Styles for Rich Text Editor*

You can implement this BAdI if you want to define the default font and text formatting used in the rich text editor.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App IDs: • `MSFR4` • `F2554`
Application Component	`PP-PEO-SFR` (*Shop Floor Routing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Customizing Activities and Business Add-Ins for PEO [page 291]
Manage Shop Floor Routings

7.2.6 Manage Order-Specific Shop Floor Routings

Business Details

Enhancements to this app include the following:

- Flexible processing is possible for rework operations and operation activities.
- Additional actions are available for parallel sequences and for alternative sequences.
- In the *Component List Workspace*, it's possible to add and edit multiple components, and adjust alternative item groups.

Flexible Rework Routings

It's now possible to create rework routings for which flexible processing is enabled. As a consequence, it's possible to edit rework operation activities and operations in the order-specific shop floor routing, provided that they have the editing state `Editable`. It's also possible to change both cross-operation relationships and predecessor relationships within an operation activity group, as long as the relevant operation activities have the editing state `Editable`.

For more information, see How to Define Relationships (Flexible Processing).

Enhancements for Parallel Sequences

In the *Structure Workspace*, it's now possible to make the following changes to parallel sequences in order-specific shop floor routings:

- Add new parallel sequences
- Change the description, alignment key, branch operation, or return operation of an existing parallel sequence.
- Delete an existing parallel sequence.

→ Remember

The following prerequisites apply:

- Flexible processing must be enabled.
- The operations in existing parallel sequences must have the editing state `Editable`.

ⓘ Note

It's already possible to add operations to an existing parallel sequence and delete operations from an existing parallel sequence, as long as the operations are `Editable`.

Alternative Sequences

You can also make the same changes to alternative sequences in the *Structure Workspace*. You need to make sure that the branch and return operations, and all operations in between, aren't released, otherwise an exchange to the alternative sequence isn't possible.

In the structure tree of the order-specific shop floor routing, the *Selection State* column shows the current situation in the production order with regard to alternative sequences:

Currently Selected in Production Order	This icon appears next to all sequences (standard, parallel, and alternative), operations, and operation activities that are currently selected in the production order.
Selectable in Production Order	This icon appears next to alternative and standard sequences that aren't currently selected in the production order and that can be selected for a sequence exchange. For more information, see How to Exchange Sequences.
Not Selectable in Production Order	This icon appears next to alternative and standard sequences that aren't currently selected in the production order, but can't be selected for a sequence exchange, as operations in the currently selected sequence have already been released, for example.

→ Tip

If you don't work with alternative sequences, then you can hide this column. In order-specific shop floor routings that don't contain alternative sequences, the system displays (*Currently Selected in Production Order*) for all structure objects.

Mass Maintenance of BOM Items

In the *Component List Workspace*, it's now possible to:

- Add multiple components in a dedicated dialog box. For more information, see How to Add New Components to the Component List under **Add Multiple New Components Without Instances**.
- Edit multiple components in a dedicated dialog box. For more information, see How to Edit Components without Instances.

Maintenance of Alternative Item Groups

In the *Component List Workspace*, the following functions are available in the toolbar:

- *Add* > *Add Alternative Item Group*
- *Edit* > *Edit Alternative Item Group*
- *Edit* > *Add to New AIG and Assign Alternative Items*
- *Delete* > *Delete Alternative Item Group*

> ⓘ Note
>
> These functions are only available for components without instances.

For more information, see Processing Components in Alternative Item Groups.

Creation of Order-Specific Shop Floor Routing from the Change Record

It's now possible to trigger an order change and create an order-specific shop floor routing from the *Manage Change Records* app, in the *Production Orders* section of the manufacturing change record.

For more information, see Manage Change Records [page 299].

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `MSFR7`
Application Component	`PP-PEO-SFR` (*Shop Floor Routing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Parallel Sequences

7.2.7 Manage Templates - For Shop Floor Routings

Business Details

This app now supports flexible processing in reference templates for rework. Furthermore, it's possible to create long texts for externally processed reference operations and search for templates in the folder view. A health check report allows you to find templates that aren't stored in a template folder and move them to a target folder in the template library.

Flexible Rework Templates

It's now possible to create rework reference templates for which flexible processing is enabled. The *Flexible Processing* checkbox is now available when you create reference templates for rework. This setting allows predecessor relationships between the operation activities of different operations (cross-operation relationships). For more information, see How to Define Relationships (Flexible Processing).

Long Texts for Externally Processed Operations

In the *Details Workspace* for reference operation sets and reference operations, you can now create long texts for operations that are processed by an external service provider. For more information, see How to Create Long Texts for Operations.

When you reuse an operation or operation set using copy and paste, you can choose whether to paste objects of the operation activity you also want to paste.

Template Search Functions in the Folder View

It's now possible to search for templates according to their description.

1. In the folder view, choose *Find* from the toolbar.
2. Enter a search term, specify the direction of the search and choose *OK*.
   The system searches for templates that contain the search term in either the template or version description and navigates to the first template that matches your search criteria.
3. Choose *Find Next* to navigate to the next hit.
   The system displays a message when there are no further hits.

> Note
>
> You can also search using classification data. That is, you can assign classification data to templates when creating them and then use this information to search for the templates. For more information, see How to Assign Classification Data to Templates.

New *With Snapshot* Filter

In the list view of the entry screen workspace, you can now apply a filter to find templates that have been created by means of a manufacturing snapshot and the Production Integration Portal (PiP).

Select the *With SShot* (With Snapshot) checkbox and choose *Go* to display templates for which a manufacturing snapshot exists and for which the PiP workspace is available.

Health Check Report for Templates

You can identify templates that aren't stored in a template folder and move them to a target folder in the template library as follows:

1. In the back-end system, run report `MPE_SFR_TMPL_HEALTH_CHECK`.
   The system displays a list of templates that aren't stored in a template folder.
2. Select the template or templates that you want to move to a specific template folder.
3. Choose (*Move Selected Templates to Target Folder*).
4. Select the target folder and choose *OK*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `MSFR24`
Application Component	`PP-PEO-SFR-TPL` (*Shop Floor Routing Template*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

7.2.8 Manage Production Models - Materials

Business Details

This app now supports the maintenance of operation activity groups, parallel sequences, and alternative item groups. Additional new features include the following:

- Assignment of a different MBOM version to the production model
- Copying of parameter effectivity values from one BOM component to another
- Predefined layouts for the details page

Operation Activity Groups

It's now possible to create new operation activity groups in this app.

For more information, see Operation Activity Groups.

Parallel Sequences

This app now supports parallel sequences, which means the following actions are possible:

- Migration of shop floor routings that contain parallel sequences to material production models.
- Creation of new parallel sequences in material production models.
- Changes to existing parallel sequences.

For more information, see How to Maintain Parallel Sequences.

Alternative Item Groups

This app now supports alternative item groups (AIGs), which means the following actions are possible:

- Migration of shop floor routings for MBOMs that contain AIGs to material production models.
- Creation of new AIGs in material production models.
- Changes to existing AIGs.

For more information, see How to Maintain Alternative Item Groups.

Assignment of a Different BOM Version to the Production Model

When you choose the *Change BOM Version* function, a dialog box appears, where you can select a different MBOM version. The system then assigns this MBOM to the production model.

See the help documentation for the *Change BOM Version* button in the details screen of this app.

Copy and Paste of Parameter Effectivity

In the *Parameter Effectivity* section of the details screen for a BOM component, you can use the *Copy* and *Paste* functions to copy parameter effectivity ranges from one BOM component to another.

Implementation Details

Customizing

Production > *Manufacturing for Production Engineering and Operations* > *Production Engineering* > *Production Models* > *Configure the Details Page Layout*

In this Customizing activity, three predefined layouts are now available for the details screen of this app. You can either define one of these layouts as the default layout or you can still create your own default layout.

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: `F8259`
Application Component	`PP-PEO-MDL` (*Production Model*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Related Information

Manage Production Models - Materials

7.2.9 Manage Production Models - Engineer-To-Order

Business Details

This app now supports the maintenance of operation activity groups, parallel sequences (in ETO production models for non-configurable materials), and alternative item groups. Additional new features include the following:

- Assignment of a different ETO BOM version to the production model
- Predefined layouts for the details page

Operation Activity Groups

It's now possible to create new operation activity groups in this app.

For more information, see How to Create OA Groups.

Parallel Sequences

This app now supports parallel sequences in ETO production models that are for non-configurable materials and that are based on flexible routings. The following actions are possible:

- Creation of ETO production models for non-configurable materials based on flexible shop floor routings that contain parallel sequences
- Creation of new parallel sequences in ETO production models for non-configurable materials
- Changes to existing parallel sequences

For more information, see How to Maintain Parallel Sequences.

Alternative Item Groups

This app now supports alternative item groups (AIGs), which means the following actions are possible:

- Creation of ETO production models that are based on BOMs that contain AIGs.
- Creation of new AIGs in ETO production models
- Changes to existing AIGs

For more information, see How to Maintain Alternative Item Groups.

Assignment of a Different ETO BOM Version to the Production Model

When you choose the *Change BOM Version* function, a dialog box appears, where you can select a different ETO BOM version. The system then assigns this ETO BOM version to the production model.

See the help documentation for the *Change BOM Version* button in the details screen of this app.

Implementation Details

Customizing

Production > *Manufacturing for Production Engineering and Operations* > *Production Engineering* > *Production Models* > *Configure the Details Page Layout*

In this Customizing activity, three predefined layouts are now available for the details screen of this app. You can either define one of these layouts as the default layout or you can still create your own default layout.

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 FPS01

Related Information

Manage Production Models - Engineer-to-Order

7.3 Extended Production Process Setup

7.3.1 Manage Action Settings

Business Details

Action handlers are now enabled for production hold actions. This enhancement provides greater flexibility to define and execute sequences of action handlers when production holds are applied or released. Furthermore, it's possible to add extra code groups from which a production operator can then select a defect code when recording a defect in the *Perform Operation Activity* app.

Action Handlers Enabled for Production Hold Actions

In the *Manage Action Settings* app, the *Action Handler* section now appears for production hold actions. When an action handler is created, the segment type of the operation activity is automatically set to *Produce* and can't be changed.

Additional Code Groups for Defect Recording

When you edit actions for defect recording, a new *Additional Code Groups* section is available. Here, it's possible to add further code groups in addition to the code group maintained in the *Action Details* section. As a result, when recording a defect in the *Perform Operation Activity* app, it's now possible to select any one of the code groups maintained here from a dropdown list for the *Defect Code Group* field. This enhancement thus allows the production operator to choose from a larger selection of defect codes.

For more information on how to maintain code groups and the codes that belong to them, see How to Create Reason Code Groups and How to Create Reason Codes.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2836`
Application Component	`PP-PEO-SFE` (*Shop Floor Execution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Action Settings
How to Add Action Handlers
How to Edit Action Settings

7.4 Extended Production Operations

7.4.1 Production Control

7.4.1.1 Manage Production Orders

Business Details

The following enhancements have been made to this app:

- Additional information in the dialog for exchanging a component for an alternative component
- New columns in the *Order Schedule* section for long texts and sequences

Additional Information in *Exchange Component* Dialog

In the *Components* section, when you choose the *Exchange* button in the *Available Alt. Type* column, the *Exchange Component* dialog displays the following information:

- *Currently Selected*: This header field shows which component is currently selected in the order.
- *Original Primary*: This header field shows the component that was originally the primary component if an alternative component is currently selected in the order.
- *Alternative Item Priority*: This column shows the priority of alternative items that belong to an alternative item group.
- *Available Quantity*: This column shows the current ATP quantity.
- *Stock Quantity at Storage Location*: This column shows the total quantity of this component at the storage location.

> Note
>
> If these columns aren't initially displayed in the *Exchange Component* dialog, choose the *Settings* icon to select them.

Additional Columns in the *Order Schedule* Section

A new column has been added to indicate whether a long text exists for externally processed operations. If a long text exists for an externally processed operation, a black, active *Long text exists* icon appears in the *Long Text* column for this operation.

For more information, see How to Create Long Texts for Operations, under the *Next Steps* section.

Further new columns have been added, which are useful if you work with parallel and/or alternative sequences:

- Sequence
- Sequence category
- Sequence category description
- Branch operation
- Return operation

You can choose the *Graphical View* icon to display a flow diagram of the operations in their respective sequences.

For more information, see Parallel Sequences and Alternative Sequences.

> Note
>
> If these columns aren't initially displayed in the *Order Schedule* section of the order, choose the *Settings* icon to select them.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2336`
Application Component	`PP-PEO-SFO` (*Shop Floor Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Using Alternative Item Groups
Using Global Alternatives

7.4.1.2 Manage Production Operations

Business Details

The following enhancements have been made to this app:

- New columns in the *Order Schedule* section for long texts and sequences
- New section to display long texts for externally processed operations

Additional Columns in the *Order Schedule* Section

A new column has been added to indicate whether a long text exists for externally processed operations. If a long text exists for an externally processed operation, a black, active *Long text exists* icon appears in the *Long Text* column for this operation.

For more information, see How to Create Long Texts for Operations, under the *Next Steps* section.

Further new columns have been added, which are useful if you work with parallel and/or alternative sequences:

- Sequence
- Sequence category
- Sequence category description
- Branch operation
- Return operation

You can choose the *Graphical View* icon to display a flow diagram of the operations in their respective sequences.

For more information, see Parallel Sequences and Alternative Sequences.

> Note
>
> If these columns aren't initially displayed in the *Order Schedule* section of the order, choose the *Settings* icon to select them.

New Section for Long Texts

If a long text has been defined for externally processed operations, it's displayed in the *Long Text* section.

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 FPS01

Related Information

Manage Production Operations

7.4.1.3 Change Production Order

Business Details

It is now possible to switch from the standard sequence of operations to an alternative sequence of operations in this app.

To exchange a portion of the standard sequence with an alternative sequence in an existing production order, choose *Functions* > *Exchange Sequences* from the menu.

Select the required alternative sequence and choose (*Continue*) to use the alternative sequence in the production order.

For more information, see How to Exchange Sequences.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: CO02 (*Change Production Order*)
Application Component	PP-PEO-SFO (*Shop Floor Order Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Valid as Of	2025 FPS01

Related Information

Alternative Sequences

7.4.1.4 Manage Buyoffs

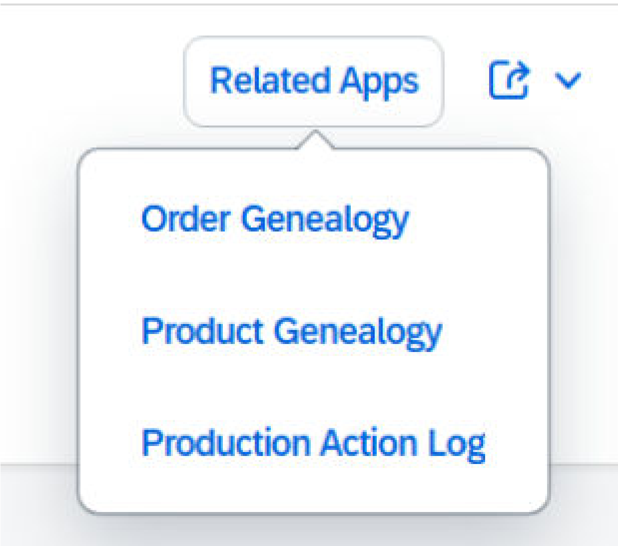
Business Details

A new button called *Related Apps* has been added to this app. You can use this button to navigate to the following monitoring apps:

- Order Genealogy
- Product Genealogy
- Production Action Log

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	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2701`
Application Component	`PP-PEO-BUF` (*Manufacturing Buyoff*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

How to Process Buyoffs

7.4.1.5 Enhanced ATP Logic for Simple Discontinuation Scenario

Business Details

The ATP logic has been enhanced for PEO shop floor orders so that the complete quantity is moved to either the discontinued or follow-up material. That is, the confirmed quantity is never split between the discontinued material and the follow-up material.

In a simple discontinuation scenario, the ATP logic has been enhanced as follows:

The confirmed quantity isn't split between the discontinued material and the follow-up material, but instead the ATP logic only confirms the discontinued material if it can completely satisfy the required quantity of the production order. In all other cases, the quantity is moved to the follow-up material.

- If sufficient stock of the discontinued material exists, the complete quantity is assigned to the discontinued material, to use up the remaining stock of the discontinued material.
- If the available quantity of the discontinued material is insufficient to fulfill this order, then the complete quantity is moved to the follow-up material, even if the available quantity of the follow-up material is insufficient to cover the order's demand.

> Example
>
> In a production order where the required component quantity is 4, the discontinued material is only confirmed when the available quantity is 4 or more. In all other cases, the follow-up material is confirmed.

Material	Available Quantity	Confirmed Quantity	Available Quantity	Confirmed Quantity	Available Quantity	Confirmed Quantity	Available Quantity	Confirmed Quantity
Part A (Discontinued Material)	3	0	1	0	5	4	5	4
Part B (Follow-Up Material)	4	4	1	4	1	0	5	0

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App IDs:
	`C001`
	`C002`
	`F2336`

Application Component	`PP-PEO-SFO` (*Shop Floor Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Using Global Alternatives

7.4.1.6 Manual Dispatching of Operations for Shop Floor Orders

Business Details

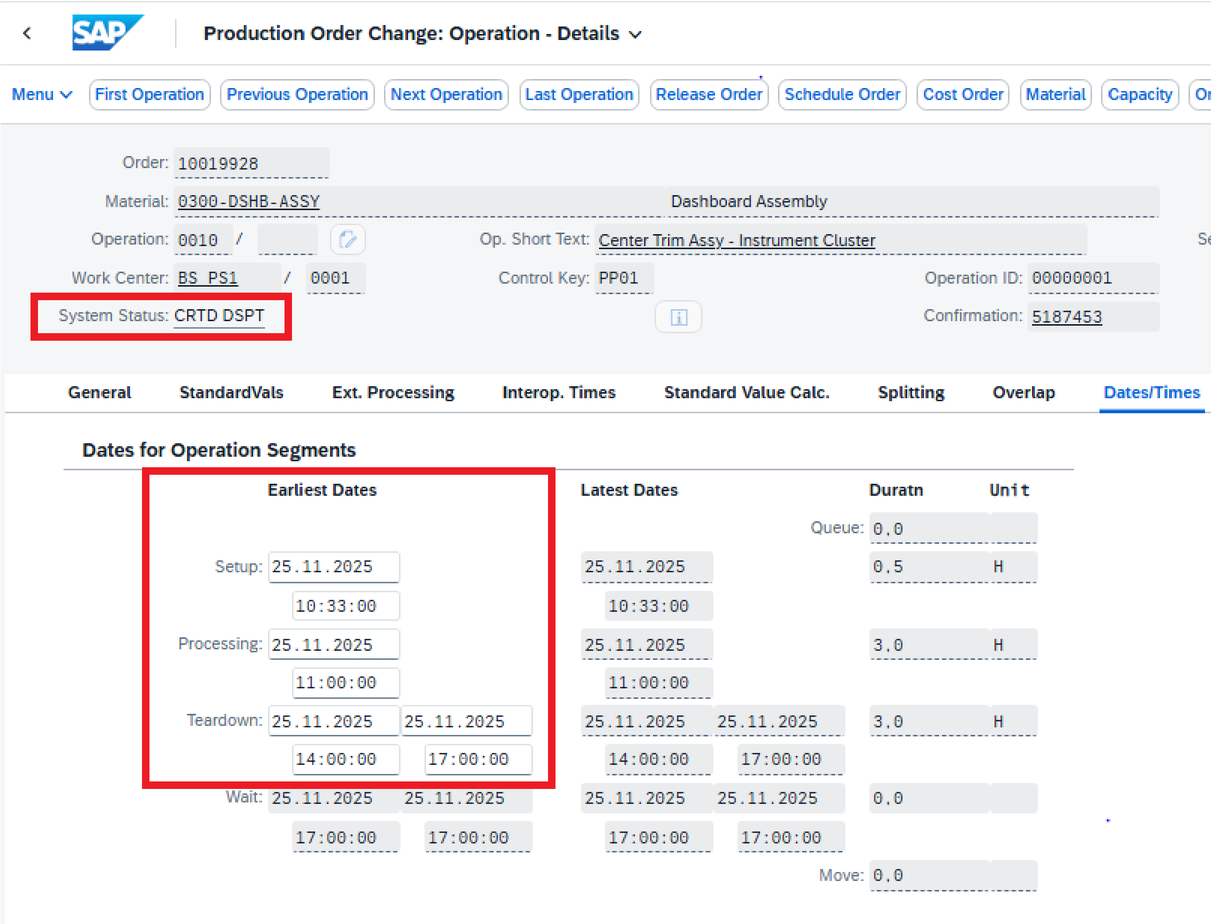
It's now possible to dispatch the operations of a shop floor order manually, which allows the production planner to override automatic scheduling, if necessary.

Previously, it wasn't possible to change the dates and times for an operation when creating or changing a shop floor order in the apps *Create Production Order* (transaction `CO01` or *Change Production Order* (transaction `CO02`). These dates and times are automatically determined by the scheduling of the production order.

If you manually dispatch an operation in transaction `CM25`, however, the fields on the *Dates/Times* tab page of the operation's details screen are ready for input.

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.



Shop Floor Order After Manual Dispatching of an Operation

Technical Details

Type	Changed
Functional Localization	No localization

Scope Item	Not applicable

Technical Object Name	App IDs:
	`CO01`
	`CO02`
	`CM25`

Application Component	`PP-PEO-SFO` (*Shop Floor Order Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

SAP Note 3626715

7.4.2 Production Execution

7.4.2.1 Perform Operation Activity

Business Details

This app has been enhanced as follows:

- In the *Data Collection* section, it's now possible to select test equipment that isn't assigned to the inspection characteristic in the shop floor routing.
- The *Data Collection* section now consists of smart tables that can be personalized to display exactly the data that's required, and to organize it in the most useful layout.
- A new dialog box appears once an operation activity (OA) has been completed to allow easy navigation to what needs doing next.

Select Unplanned Equipment

Previously, in the *Data Collection* section, it was only possible to select test equipment that was assigned to the inspection characteristic in the shop floor routing. It's now possible to select unplanned test equipment for a specific inspection characteristic as follows:

1. In the *Additional Actions* column for the relevant inspection characteristic, choose the *(More Details)* icon.
2. Choose the value help for the *Test Equipment Used* field.
3. In the *Select: Test Equipment Used* dialog box, choose the dropdown button for *All assigned or referenced equipment* and switch to *All registerable equipment*.

You can now select test equipment that isn't assigned to the inspection characteristic in the shop floor routing.

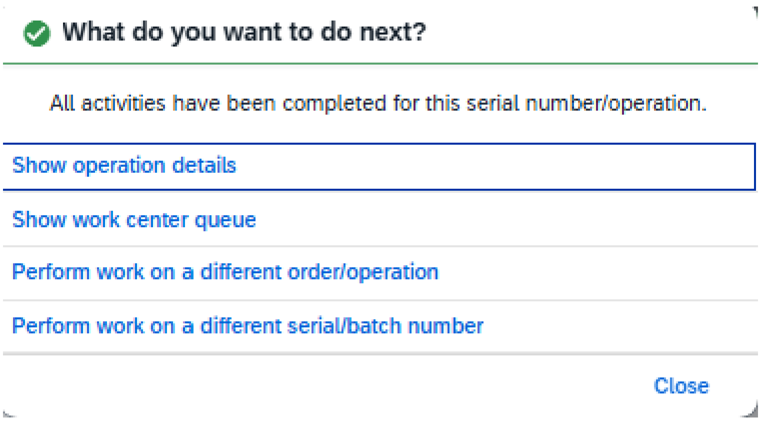
Smart Tables in the *Data Collection* Section

The *Data Collection* section now consists of smart tables. You can choose the ⚙ *(Settings)* icon to add and remove fields, and organize the sequence in which they appear.

New Dialog Box Upon Operation Activity Completion

When you choose *Complete*, a new dialog box appears, which provides quick navigation options. For more information, see the following screenshot:

Example of the User Interface



Dialog Box for Easy Navigation After Completing an Operation 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	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App IDs: F2898 F8549

Application Component	PP-PEO-SFE (*Shop Floor Execution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

How to Assign Test Equipment to Inspection Characteristics
How to Record Inspection Characteristics

7.4.3 Quality Management

7.4.3.1 Select Rework Routing

Business Details

This app now supports the selection of flexible rework routings. Furthermore, it is now possible to display sequence-specific information for the list of operations displayed for rework routing placement.

Flexible Rework Routings

If flexible processing is enabled for the shop floor order in which the rework routing is to be inserted, this dialog shows flexible and non-flexible rework routings. Otherwise only non-flexible rework routings are displayed.

Sequence-Specific Information

If you work with parallel or alternative sequences, the table of operations displayed for rework routing placement now includes the following new columns that provide information on sequences::

- *Sequence*
- *Sequence Category*
- *Reference Sequence*
- *Branch Operation*
- *Return Operation*

> → Tip
>
> To add these columns to this view, choose *Settings* and select them from the *View Settings* dialog.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PP-PEO-NCF` (*Non Conformance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Select Rework Routing
Parallel Sequences
Alternative Sequences

7.4.4 Production Monitoring

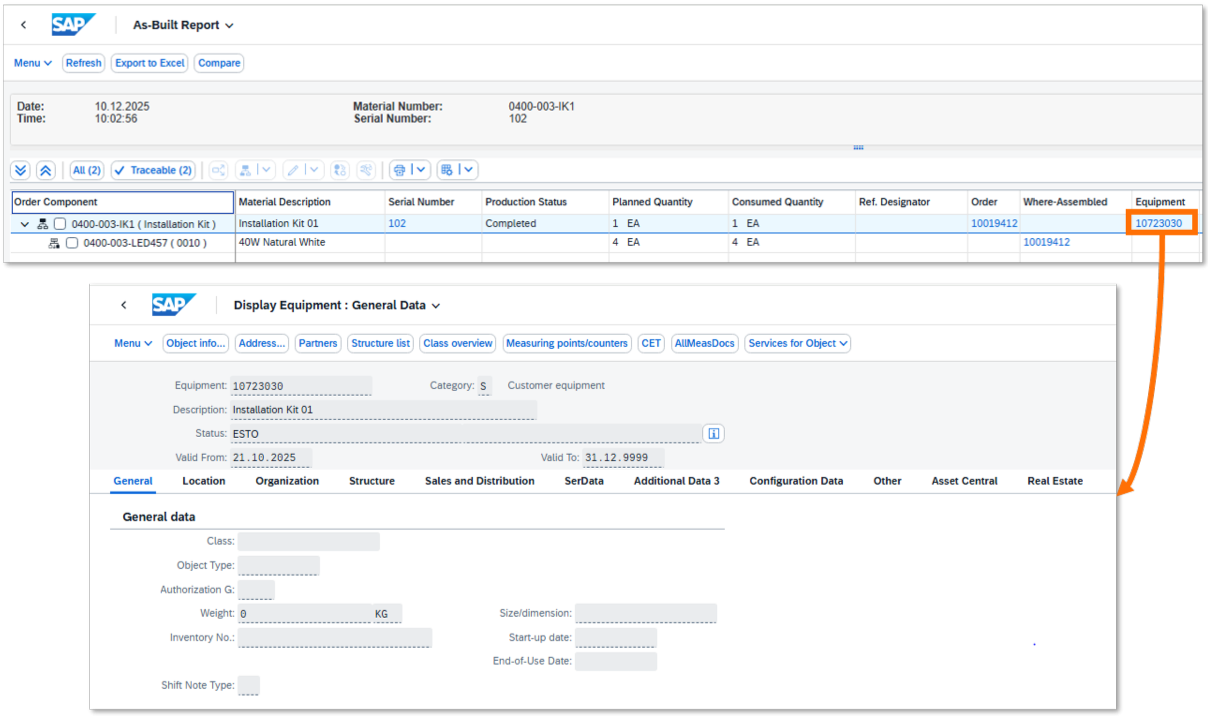
7.4.4.1 As-Built Report

Business Details

In this app, the equipment number is now a hyperlink that you can use to navigate to transaction `IE03` (*Display Equipment*).

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	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 Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

7.4.4.2 Compare As-Built with As-Planned

Business Details

The following enhancements have been made to this app for the acknowledgment of deviations:

- It's possible to create your own acknowledgment task codes using transaction QS41.
- It's also possible to provide a detailed description when acknowledging deviations.

Acknowledgment Task Codes

You can now create your own acknowledgment task codes in transaction `QS41` in your own code group for catalog 2 (*Task*).

> ⓘ Note
>
> Acknowledgment task codes must have the follow-up action `USEASIS`.

For more information, see How to Create Reason Code Groups and How to Create Reason Codes.

When you acknowledge a deviation in the *Compare As-Built with As-Planned* app, the system selects the task code `001` (Use As Is) of task code group `NONCF` by default in the *Deviation Acknowledgment* dialog. You can now use the value help for the *Task Code* field to select your own acknowledgment task code. The system proposes all task codes that have the follow-up action `USEASIS`. You can select the task code that you require and choose *OK*.

Detailed Description for Deviation Acknowledgment

After you've selected a task code in the *Deviation Acknowledgment* dialog, you can also add further information in the *Description* (up to 40 characters) and *Detailed Description* fields.

This enhancement lets you record comprehensive information, such as the reasons for acknowledgment and other relevant details.

The information that you provide in the *Detailed Description* field can be displayed in the quality notification, for example. On the *Processing* tab page under *Tasks*, choose the (*Display Text*) icon in the *Task Long Text* column.

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 Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

How to Process Deviations Between As-Built and As-Planned

8 R&D/Engineering

8.1 Enterprise Portfolio and Project Management

8.1.1 Project System

8.1.1.1 Geographical Enablement Framework Support for Project and WBS Element

Business Details

You can assign geo-spatial data to your Project System (PS) business objects (Project and WBS Element) using the SAP Geographical Enablement Framework (GEF). The PS business objects are rendered on a map that allows you to view the geographical location or spatial data associated with these business objects in the framework-provided apps.

Technical Details

Type	New
Functional Localization	No localization
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 FPS01

Related Information

Geographical Enablement Framework

8.1.1.2 Display and Delete Object-Based Authorizations for Project and Network

Business Details

- You can display and delete Object-Based Authorizations (OBA) for a project or a network via the transaction **CNOBADEL**.
- You can display the complete list of OBAs for a project or network and export the list in various formats.
- You can retain the OBAs with admin authorizations but delete all other OBA records from a selected project or network.
- You can delete all OBAs from the selected project or network.

Technical Details

Type	New
Functional Localization	No localization
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 FPS01

Related Information

Display and Delete Object-Based Authorizations for Project or Network

8.1.1.3 Store Planned Project Revenues from Sales Documents or WBS Billing Plans in ACDOCP table

Business Details

- You can save planned revenues from sales quotation items or sales document items account assigned to WBS elements in the central financial planning table ACDOCP.

- You can display related planned revenues in the SAP Fiori apps for project financial reporting, *Project Cost Overview* and *Project Cost Line Items*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	PS-REV (*Revenues*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Integration of Planned Revenues from Sales Documents and WBS Element Billing Plans with Financial Planning

8.1.1.4 Default Value for Purchasing Organization Derived Based on User Parameter

Business Details

With this improvement, when the user parameter for the purchasing organization (EKO) is set for a user, the respective purchasing organization is used as a default in the Purchasing tab of product components.

> ⓘ Note
>
> This enhancement was developed as part of the SAP Continuous Influence Program. It is based on Influence Request 337342. For more information, see Note 3633411.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Project System`
Application Component	`PS-ST`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Project System

8.1.2 Commercial Project Management

8.1.2.1 Project Cost and Revenue Planning

8.1.2.1.1 Cashflow Planning on Quick Financial Plan Page

Business Details

With this feature, you can plan your incoming and outgoing payments via *Cash Flow Planning* in the *Quick Financial Plan* page.

Refer to SAP Note 3651835 for details.

Implementation Details

Re-activate Switch BC set /CPD/CA_BCS_CPD_PFP_VCS_PLN_TYPE to enable the feature.

Technical Details

Type	New
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 FPS01
Web Dynpro Application	/CPD/WDA_FIN_PLANNING_APPL
Application Configuration	/CPD/APP_CFG_QUICK_FIN_PLAN

8.1.2.1.2 Enabling Distribution of Quantity with Rate from Web Dynpro Planning Page

Business Details

The pop-up dialog on the *Distribute* button is enhanced for *Cost Rate* and *Revenue Rate* for the Quantity driven Resource types. With this feature, you can input the cost rate and revenue rate in the *Distribute* pop-up dialog. The cost rate and revenue rate are copied to all the planning period along with the distributed quantities.

Refer to SAP Note 3634348 for details.

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 FPS01
Web Dynpro Application	/CPD/WDA_FIN_PLANNING_APPL
Application Configuration	/CPD/APP_CFG_QUICK_FIN_PLAN

8.1.2.1.3 Quick Financial Plan: Enabling Import in Planning Page

Business Details

A new *Import* button has been added to the *Financial Plan* page for monthly and fiscal breakdown. With this feature, you can now import the planning from an assigned PS project to the financial plan of a commercial project and view it instantly.

Refer to SAP Note 3637268 for details.

Technical Details

Type	New
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 FPS01
Web Dynpro Application	/CPD/WDA_FIN_PLANNING_APPL
Application Configuration	/CPD/APP_CFG_QUICK_FIN_PLAN

8.1.2.1.4 Output Based Planning on Quick Financial Plan Page

Business Details

With this feature, you can plan *Output Quantity* directly against the statistical key figure for a WBS Element in the *Quick Financial Plan* page. You can also define the corresponding *Input Quantity*, *Cost*, and *Revenue* needed to support that output, enabling a more accurate and aligned project planning.

Refer to SAP Note 3676610 for details.

Implementation Details

Customizing

Re-activate Switch BC set /CPD/CA_BCS_CPD_PFP_VCS_PLN_TYPE to enable the feature.

Technical Details

Type	New
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 FPS01
Web Dynpro Application	/CPD/WDA_FIN_PLANNING_APPL
Application Configuration	/CPD/APP_CFG_QUICK_FIN_PLAN

Related Information

Quantity Management

8.1.2.1.5 Quick Financial Plan: Enabling Version Comparison Report

Business Details

With this feature, you can now access a *Version Comparison Report* in the *Quick Financial Plan* page. The report enables you to compare financial plans across selected versions, including the baseline, current version, and forecast snapshots. By viewing these versions side by side, project managers gain greater transparency and can quickly evaluate the overall financial position of the project.

Refer to SAP Note 3641020 for details.

Technical Details

Type	New
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 FPS01
Web Dynpro Application	/CPD/WDA_FIN_PLANNING_APPL
Application Configuration	/CPD/APP_CFG_FIN_VER_REPORT

8.1.2.2 Project Workspace

8.1.2.2.1 Copy Commercial Project

Business Details

With this feature, you can now create a new commercial project by copying from the existing commercial project. You can selectively copy the following objects along with the commercial project details:

- Financial Plan

- Planning Data
- Risks and Opportunities
- Issues and Change Requests
- Team Structure and Project Members

Refer to SAP Note 3632280 for details.

Technical Details

Type	New
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 FPS01
Web Dynpro Application	/CPD/PWS_WS_MP_CFG_APPL
Application Configuration	/CPD/PWS_WS_MP_COPY_OVP

Related Information

Copying Commercial Projects
Copy Commercial Project

8.1.2.2.2 Risk Register: Enhanced Document History

Business Details

With this feature, you can track critical changes to *Risks/Opportunities* and their activities. It enhances transparency across the project for the stakeholders during the project review.

Refer to SAP Note 3673548 for details.

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 FPS01

8.1.3 SAP Portfolio and Project Management

8.1.3.1 Portfolio Management

8.1.3.1.1 Enhanced Report to Import Portfolio Items from External File

Business Details

The report to create portfolio items via import from external file (*RPM_DX_ITEM*) has now been enhanced.

The following fields have been adjusted:

- *PS_LOGSYSTEM*: This field is no longer mandatory. If it is left empty, the value **`0INMPSPD`** is used by default.
- *CPRO_TEMPLATE*: This field now accepts both internal and external ID of the Project System project. If no template is specified and the flag *CREATE_CPROJECT* is set, the Project System or Project Management project is created based on the item type to project profile or project type as a fallback.

Implementation Details

If a portfolio item is assigned to a Project Management or Project System project, but not to a Commercial Project, although the integration to Commercial Project Management is active, it is now possible to trigger a subsequent creation of the Commercial Project. If the flag *CREATE_CPROJECT* is set in the update mode, the system creates a commercial project according to Customizing settings.

Technical Details

Type	Changed
Functional Localization	No localization
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 FPS01

8.1.3.1.2 Enabling Create, Update and Delete Functions for Financial and Capacity Planning of a Portfolio Initiative Using an API

Business Details

The Project Portfolio API has been enhanced, allowing you to create, update, and delete Project Portfolio Initiative Financial Planning and Project Portfolio Initiative Capacity Planning.

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	No localization
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 FPS01

Related Information

SAP API Business Accelerator Hub for Project Portfolio
Operations for Project Portfolio

8.1.3.1.3 Enable Reading of Portfolio Initiatives Attributes in the Project Portfolio API

Business Details

The Project Portfolio API has been enhanced, providing better access to information on Project Portfolio Initiative attributes. These attributes include initiative role details such as staffing, along with responsible information for initiative and decision point.

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	No localization
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 FPS01

Related Information

SAP API Business Accelerator Hub for Project Portfolio
Project Portfolio Initiative

8.1.3.1.4 Enhanced Project Creation from Portfolio Item via Project Portfolio API

Business Details

The action that creates a Project for Project Portfolio Item now offers extended capabilities. It is possible now to create the Project based on a template specified by the properties ProjPrtfloProjectTemplateID and ObjectLinkType.

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	No localization
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 FPS01

Related Information

SAP API Business Accelerator Hub for Project Portfolio
Create Project

8.1.3.1.5 Creation of an Item from a Template in the Project Portfolio API

Business Details

The Create Project Portfolio Item operation has been extended. Now it is possible to create the Project Portfolio Item data by applying the HTTP method POST using the existing Item Template.

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	No localization
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 FPS01

Related Information

SAP API Business Accelerator Hub for Project Portfolio
Create Project

8.1.3.1.6 Enable Sorting of View/Category/Group in Financial and Capacity Planning

Business Details

A user can now define the sorting sequence in customizing for financial and capacity planning in Portfolio Management.

A configurable sort number allows for intuitive ordering of views, categories, and groups on Financial and Capacity Planning screens, maintaining official business terminology and enhancing the user experience. This improvement removes the need for artificial label adjustments, reducing confusion and manual workarounds, and encourages wider adoption and greater satisfaction among users.

Technical Details

Type	Changed
Functional Localization	No localization

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 FPS01

Related Information

Usage of Capacity Planning
Usage of Financial Planning

8.1.3.2 Project Management

8.1.3.2.1 Release of Project Management Objects

Released CDS Views

The following CDS views for Project Management have been released:

- I_DevProjectRoleDistribution
- I_DevProjRoleStfngDistribution

Technical Details

Type	New
Functional Localization	No localization
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 FPS01

Related Information

Development Project Role Distribution
Development Project Role Staffing Distribution

8.2 Product Compliance

8.2.1 Foundation for Product Compliance

8.2.1.1 OData API: Product Compliance Logistics Document (Version 1)

Business Details

Please note that this version is deprecated. Please use the successor version. For more information, see Product Compliance Logistics Document (Version 2)

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	31J (Chemical Compliance in the Value Chain) 3G8 (Dangerous Goods in the Value Chain) 3VQ (Safety Data Sheets in the Value Chain) 5OJ (Supplier Compliance in the Value Chain)
Technical Object Name	API: `ProdCmplncLogisticsDocument`
Application Component	`EHS-SUS-FND-PC` (*Sustainability Foundation for Product Compliance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

8.3 Product Lifecycle Management

8.3.1 Product Change Management

8.3.1.1 New Object Type: Custom Object

Business Details

A new object type *Custom Object* (`COB`) is now available. You can use this object type to enhance custom-specific objects that you want to use in change record processing.

The change record functionality in SAP S/4HANA offers a vast number of standard objects. Additionally, companies can create their own custom objects to work with company-specific data. Users can add objects of this type in the *Items* section of a change record in the *Manage Change Records* app, including comments and attachments. Like other items, custom objects can be used in sub-workflows for *Process Route* handling. You can also create custom fields for this object type using the SAP Fiori app *Custom Fields* (App ID: `F1481`). Custom objects (`COB`) support item relevance, sub-workflows, processing status changes, and the use of digital signatures.

Implementation Details

Customizing

In Customizing, you can manage custom objects at *Logistics – General* > *Product Lifecycle Management (PLM)* > *Change Records* > *Settings for Change Records* > *Define Custom Objects*. Here, you define the possible set of values for the object type *Custom Object* (`COB`) that can be assigned to the various change record types.

You can assign custom objects to different types of change records in the Customizing activity *Logistics – General* > *Product Lifecycle Management (PLM)* > *Change Records* > *Settings for Change Records* > *Define Change Record Types* > *Assign Custom Objects*.

You can also set up a digital signature process for custom objects in the Customizing activity *Logistics – General* > *Product Lifecycle Management (PLM)* > *Change Records* > *Settings for Change Records* > *Define Change Record Types* > *Object Reference Digital Signature*. Depending on the assigned signature type, the buttons *Sign* and *Cancel Status Change* will be available in the *Manage Change Record* app for assigned custom objects.

Moreover, a comprehensive *Custom Object Usability Guide* is available for developers who want to create and use custom objects (see New Custom Objects Usability Guide [page 353]).

Effects on Existing Data

The custom objects defined here will be available in the Customizing activity *Define Change Record Types* and in the *Items* section of the *Manage Change Record* app. Assignment to a change record is only possible if the object type `COB` has been maintained in backend Customizing for the respective change record type.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`COB`
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

New Customizing Option for Defining Custom Objects [page 349]
Defining Change Record Types
New BAdI for Custom Objects Navigation [page 351]
New BAdI for the Validation and Determination of Custom Objects [page 352]

8.3.1.2 New Customizing Option for Defining Custom Objects

Business Details

In the new Customizing activity *Define Custom Objects*, you define the possible set of values for the object *Custom Objects* (object type `COB`) that can be assigned to change record types.

Each value indicates a custom object for the change record.

Implementation Details

The custom objects defined here are referenced in the Customizing activity *Define Change Record Types*.

Customizing

You can define custom objects at *Logistics – General* > *Product Lifecycle Management (PLM)* > *Change Records* > *Settings for Change Records* > *Define Custom Objects*.

You should define object categories for custom objects at *Logistics – General* > *Product Lifecycle Management (PLM)* > *Change Records* > *Settings for Change Records* > *Define Object Categories*. Use object category `COB_ERP`.

The object type `COB` also has to be assigned as a possible reference object at *Logistics – General* > *Product Lifecycle Management (PLM)* > *Change Records* > *Settings for Change Records* > *Define Object Types* so that it will be available in the *Manage Change Records* app.

Technical Details

Type	New
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 FPS01

Related Information

New Object Type: Custom Object [page 348]
New Custom Objects Usability Guide [page 353]

8.3.1.3 New BAdI for Custom Objects Navigation

Business Details

The new *BAdI: Navigate to Custom Object* allows you to define URLs as navigation targets for the navigation to custom objects (object type `COB`) from the *Manage Change Records* app.

This BAdI is required for the navigation to custom objects from the item details in the *Manage Change Records* app. The BAdI is called when a user chooses any of the buttons *Create*, *Change*, or *Display* in the custom objects item table in the *Manage Change Record* app. A navigation target can be coded in this app for all the above navigation types: *Create*, *Change*, *Display* for the various object types that can be set as filter for the BAdI. A navigation target can be an external application URL or an internal SAP application URL. The system uses the URL to identify the navigation target.

Implementation Details

SAP provides a sample example class `/PLMI/IM_CR_CUST_OBJ_NAVIG`. For more details, please refer to the system documentation.

Customizing

You can access this BAdI at *Logistics – General* > *Product Lifecycle Management (PLM)* > *Change Records* > *Settings for Change Records* > *Business Add-Ins (BAdIs)*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`/PLMI/CR_CUSTOM_OBJ_NAVIGATION`
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

App Extensibility: Manage Change Records (Expert)

8.3.1.4 New BAdI for the Validation and Determination of Custom Objects

Business Details

The new *BAdI: Manage Validation and Determination for Custom Object* allows you to validate the existence of custom objects (object type COB) and fields that are used in custom objects, and to change or update such custom object fields.

This BAdI is called during the execution of validations and determinations for change record business objects. It is a single-use BAdI and the interface contains two methods: `VALIDATE_OBJECT` is used during the validation process to check the existence of the object and to validate the fields, `UPDATE_OBJECT` is called during determination and is used to update the fields of the custom object if required before saving to the database.

Implementation Details

SAP provides a sample example class `/PLMI/CL_CR_CUSTOM_OBJECT`. For more details, please refer to the system documentation.

Customizing

You can access this BAdI at *Logistics – General* > *Product Lifecycle Management (PLM)* > *Change Records* > *Settings for Change Records* > *Business Add-Ins (BAdIs)*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`/PLMI/CR_CUSTOM_OBJECT`
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

App Extensibility: Manage Change Records (Expert)

8.3.1.5 New Custom Objects Usability Guide

Business Details

Developers who want to create and use custom objects for change records in SAP S/4HANA can refer to a new Usability Guide *Change_Record_Custom_Objects_Usability_Guide*.

The change record functionality in SAP S/4HANA offers a vast number of standard objects. Additionally, companies can use their own custom objects to work with company-specific data. This guides provides detailed information on how to create and use custom objects that you can assign during change record processing in SAP S/4HANA.

Implementation Details

You can access the *Change Record Custom Objects Usability Guide* via SAP Note 3629822.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	*Change_Record_Custom_Objects_Usability_Guide*
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

8.3.1.6 System-Internal (C1) API I_CHANGERECORDTP_3 for Building Custom Applications for Change Record

Business Details

The new system-internal (C1) API `I_CHANGERECORDTP_3` is intended for developers who want to build custom applications for change records.

This API as well as a comprehensive *Header and Items EML Operations Guide* are available via SAP Note 3643820.

Implementation Details

All relevant implementation information can be found in SAP Note 3643820.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`I_CHANGERECORDTP_3`
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Change Record

8.3.1.7 Adding Multiple Materials or Documents to a Change Record

Business Details

With this feature, you can add multiple items of type *Material* or *Document* in one go using the *Add Multiple* button. This mass assignment feature improves the handling of item maintenance for change records.

The *Add Multiple* button is available in the *Items* section of the *Manage Change Record* app for items of object type *Document* (`DOC`) and *Material* (`MAT`). When you add multiple items, you have to define an *Item Relevance*. You can overwrite the suggested item relevance in the *Manage Change Records* app (see also Default Item Relevance for Change Record Items [page 357]).

Implementation Details

Choose *Add multiple* and select all items that you want to add. Assign the required relevance for all selected items.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2097`
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Defining Change Record Types
Adding Objects to a Change Record

8.3.1.8 New Signature Process for Process Route Decisions

Business Details

The approval process for process route tasks via the *Manage Change Records* app or the embedded change record section of the *My Inbox* app has been enhanced: You can now implement a digital signature step for process route task decisions to increase process security.

You can set up a digital signature step for process route task decisions to provide extra authorization for such decisions. As a result, a new button *Workflow Signature* appears in the change record header in the *Manage Change Records* app. If no task signature is required, the popover *No task signature is required* appears. If a signature process for a task has been enabled, you can choose to *Sign Task Decision* or *Cancel Task Decision*. If you choose *Cancel Task Decision*, the signature process is stopped. The same functionality is available in the embedded change record section of the *My Inbox* app if this step is enabled in Customizing.

Implementation Details

Customizing

The digital signature process for process route task decisions can be set up in Customizing at *Logistics – General* > *Product Lifecycle Management (PLM)* > *Change Records* > *Process Routes* > *Define and Assign Decisions*. You can pair the predefined decision options of the *My Inbox* app with the decisions that are shown in the change record under *Process Routes*. You can define activities and map decisions to these activities. As of this release, you can also assign a *Signature Strategy* and a *Signature Type*, for example, an asynchronous signature process. For details, please refer to the system documentation.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App IDs: `F0862` and `F2097`
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Using Digital Signature for Approving Process Route Task Decisions

8.3.1.9 Default Item Relevance for Change Record Items

Business Details

When you add an item to a change record in the *Manage Change Records* app, you can maintain a *Relevance* for the item. You can now set a default *Item Relevance* per item type in backend Customizing.

When you add items to a change record in the *Manage Change Records* app, you can maintain a *Change Record Item Relevance* for each item that you add, for example, the relevance *Reference* for an added document. In order to speed up change record processing, you can now set default item relevances for each item type in backend Customizing. If a user adds an item to a change record in the *Manage Change Records* app and a default item relevance is maintained for the respective item type, the system adds this default item relevance in the *Relevance* field. The user can accept this default item relevance or overwrite it manually.

If no default item relevance is maintained for an item type, the system will use the default item relevance that is maintained for the undefined item type. If no value exists either, the system won't suggest a default relevance.

Implementation Details

Customizing

You can maintain default item relevances in Customizing at *Logistics – General* > *Product Lifecycle Management (PLM)* > *Change Records* > *Settings for Change Records* > *Define Change Record Types* on the *Item Relevance* tab. Create an item relevance for an item type and mark the *CR Item Default Relevance* checkbox to set it as default for this item type.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2097`
Application Component	`PLM-CR` (*Change Record*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Defining Change Record Types

8.3.1.10 Enhanced Merging of Change Records

Business Details

You can now merge change records that contain the same change item but with differing item relevances. You can define which item relevance is assigned to this item in the merged change record.

When you merge change records that contain the same item, for example, a certain material, but the item relevance of this item differs in the source change records, you can now define which relevance is kept in the merged change record. A new *Item Relevance Priority* field assigns a priority number to each item relevance. The relevance that is marked with the highest priority will be assigned to the item in the merged change record.

Priority **1** is the highest priority. The *Item Relevance Priority* value is only relevant during the merging of change records.

Implementation Details

Customizing

You can maintain the *Item Relevance Priority* for the different object types at *Logistics – General* > *Product Lifecycle Management (PLM)* > *Change Records* > *Settings for Change Records* > *Define Change Record Types* on the *Item Relevance* tab.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	
Application Component	()
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Defining Change Record Types
Merging Change Records

8.3.1.11 Default Tab-Based Navigation in Manage Change Records App

Business Details

In the *Manage Change Records* app, the default navigation has been changed to tab-based: When you select a tab in the app, for example, *Items*, only the data for this tab is displayed when you scroll down. This behavior can be modified in backend Customizing.

This new behavior improves the usability and performance of the *Manage Change Records* app.

Implementation Details

Customizing

The navigation behavior of the *Manage Change Records* app can be controlled via backend Customizing at *Logistics – General* > *Product Lifecycle Management (PLM)* > *Change Records* > *Settings for Change Records* > *Define Change Record Types*. If you want users to be able to scroll through all data across all tabs from the entry screen, you need to switch from the default tab-based navigation to anchor-based navigation. To do so, go to *Change Record Type*, select a change record type and enable the *Anchor Based Navigation* checkbox.

> Note
>
> You need to select this option for each change record type for which you want to enable it.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2097`
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Change Records
Defining Change Record Types

8.3.1.12 Searching for Change Records by Detailed Description

Business Details

In the *Manage Change Records* app, you can now find change records via their detailed description.

In the header of the *Manage Change Records* app, you can choose *Adapt Filers* to add the *Detailed Description* search field. This field offers fuzzy search capabilities to help you find change records via their detailed description. In the *Change Records* list, you can adapt the search settings and add the *Detailed Description* column to see the detailed description of each change record in the list.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:`F2097`
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

8.3.1.13 Deprecation of Authorization Objects for Change Records

Business Details

Certain authorization checks for change records with assigned business partners have been deprecated.

The authorization concept for the CDS views for change records and the *Manage Change Records* app has changed: Change records in SAP S/4HANA Cloud Private Edition may have a business partner (SAP object type *Business Partner*) assigned, for example, as *Change Responsible*. Before this release, certain authorization checks for business partner data applied when a user wanted to find or access such change records in the *Manage Change Records* app. Without the appropriate authorizations, users weren't able to see the respective change records.

Implementation Details

Authorizations

As of this release, the following PFCG authorization object checks have been deprecated for change records:

- B_BUPA_GRP (Business Partner: Authorization Groups)
- B_BUPA_RLT (Business Partner: BP Roles)
- B_BUP_PCPT (Business Partner: Purpose Completed)

This change affects the DCLs `C_CHANGERECORDDETPG` and `C_CHANGERECORDOBJPG`.

> ⓘ Note
>
> If you have built customer-specific roles on the basis of SAP standard roles that are required for using the *Manage Change Records* app, we recommend that you verify the related authorizations. For more information on roles for change management , see the section *Participants in Change Management* in Change Record (PLM-CR).

Effects on Existing Data

Due to this change, users who are missing the above authorizations can still view and access change records that have a business partner assigned.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Checks on `B_BUPA_GRP`, `B_BUPA_RLT`, `B_BUP_PCPT`
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

8.3.2 Document Management

8.3.2.1 Access Control Management for Document Info Records

Business Details

Access control management (ACM) enables administration of access authorizations through access control contexts (ACCs), which can now be assigned to Document Info Records in PLM Web Dynpro applications. This provides centralized authorization control for document access, allowing you to manage user permissions more efficiently and maintain consistent security policies across your PLM documentation.

Technical Details

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

Valid as Of	2025 FPS01

Related Information

Manage Documents
Access Control Management (ACM)

8.3.2.2 Extended Object Links for Document Info Records

Business Details

Support for linking Document Info Records (DIRs) to additional business objects including Customer, Vendor/Supplier, Inspection Lot, Maintenance Notification, Quality Notification, and Measuring Points. This expansion enables more comprehensive documentation across quality management, maintenance, and business partner processes, while maintaining deletion protection when required by leading business objects.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`CA-DMS` (*Manage Document*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Manage Documents

9 Sales

9.1 Order and Contract Management

9.1.1 Price Management

9.1.1.1 Manage Prices - Sales: Create Condition Records with Reference

Business Details

With the *Manage Prices - Sales* app, you can now create new condition records with reference to existing condition records. This feature enables you to perform mass creation or changes to multiple condition records. For example, you can use this feature to increase the condition amounts of all condition records related to product `TG11` by 5% or by a fixed value.

In the *Manage Prices - Sales* app, you can now select one or more existing condition records and use them as a reference for creating new ones. You can specify the mass creation or changes that you want to apply to all records, including validity periods and condition amounts or ratios. After that, the system schedules a mass creation job at the specified start time to create the condition records with the changes you've specified. You can monitor the progress of the scheduled job in the job details. Additionally, the *Valid From*, *Valid To*, and *Valid On* fields now support range input, allowing you to search condition records within date intervals.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BD9 (Sell from Stock)
Technical Object Name	App ID: `F4111`
Application Component	`SD-MD-CM` (*Conditions*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Create Condition Records with Reference
Manage Prices - Sales

9.1.1.2 OData API: Condition Record for Pricing in Sales

Business Details

The *Condition Record for Pricing in Sales* API now includes additional fields.

The following fields have been added:

Field	Entity	Description	Necessity for Create Operations	Necessity for Retrieval Operations	Necessity for Update Operations	Necessity for Delete Operations
`ConditionSearchTermValue`	`A_SlsPrcgConditionRecord`	Search term 1 for conditions.	Optional	Optional	Optional	Not Applicable
`ConditionResponsibility`		Search term 2 for conditions.	Optional	Optional	Optional	Not Applicable
`SrvcTransactionValuationType`	`A_SlsPrcgCndnRecdValidity`	Valuation type for service transaction.	Optional	Optional	Optional	Not Applicable
`ServiceTransactionChargeType`		Charge type for service transaction.	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	No localization
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 Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS01

Related Information

Condition Record Validity

9.1.1.3 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 now contains additional fields.

The following fields have been added:

Field	Description	Cardinality
`SrvcTransactionValuationType`	Valuation type for service transaction.	0..1
`ServiceTransactionChargeType`	Charge type for service transaction.	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 FPS01

Related Information

ConditionValidity

9.1.1.4 Manage Prices - Sales: Additional Fields Added

Business Details

The *Manage Prices - Sales* app now allows you to create and change condition records using the fields *Service Type* and *Valuation Type*. You can also search condition records using the fields *Search Term 1 for Conditions* and *Search Term 2 for Conditions*. This enhancement increases flexibility in managing your pricing data.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	BD9 (Sell from Stock)
Technical Object Name	App ID: `F4111`
Application Component	`SD-MD-CM` (*Conditions*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Manage Prices - Sales

9.1.2 Sales Quotation Management

9.1.2.1 Manage Sales Quotations - 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 Quotations - Version 2* app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F5630`
Application Component	`SD-BF-OC` (*Output Determination*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Sales Quotations - Version 2

9.1.3 Sales Contract Management

9.1.3.1 Sales Contract (A2X, OData V4)

Business Details

You can use this API for sales contract to create, read, and update sales contracts in external systems. You can also delete single entities, such as items, in sales contracts. This is an OData version 4 service. This version improves processing time and reduces resource consumption of clients and servers. It also uses a lightweight JSON format to reduce the size of every response.

You can process your requests in synchronous mode or asynchronous mode. For more information, see Sales Contract (A2X, OData V4).

With this API, you can perform operations on *Sales Contract (A2X, OData V4)* entities. These include the sales contract header, header partners, header pricing elements, header texts, sales contract items, item partners, item pricing elements, and item texts. For more information, see Operations for Sales Contracts (A2X, OData V4).

As a key user, you can extend the OData service *Sales Contract (A2X, OData V4)* to meet your business needs. For more information, see Extensibility: Sales Contract (A2X, OData V4).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	I9I (Sales Contract Management)
Technical Object Name	API: `API_SalesContract`
Application Component	`SD-SLS-OA-CCO` (*Customer Contract*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Sales Contract (A2X, OData V4)

9.1.3.2 CDS Views for Global Trade Management

Business Details

New CDS views have been released for *Global Trade Management*.

> ⓘ Note
>
> The CDS views are available as of the release SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2025.

The following CDS views are now available:

Technical Name	Description	Purpose
`I_TrdgContrItmSlsAssoc`	Sales Sided Associations in a Trading Contract Item	This CDS view provides the sales sided associations for a trading contract item.
`I_TrdgContrItmPurgAssoc`	Purchasing Sided Associations in a Trading Contract Item	This CDS view provides the purchasing sided associations for a trading contract item.

Implementation Details

Authorizations

For all CDS views, you must have the following authorization objects assigned:

- `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)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	CDS Views:
	`I_TrdgContrItmSlsAssoc`
	`I_TrdgContrItmPurgAssoc`

Application Component	`LO-GT` (*Global Trade*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

CDS Views for Sales

Virtual Data Model and CDS Views in SAP S/4HANA
View Browser

9.1.3.3 Manage Sales Contracts - 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 Contracts - Version 2* app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F5987
Application Component	SD-BF-OC (*Output Determination*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Sales Contracts - Version 2

9.1.4 Sales Order Management and Processing

9.1.4.1 OData API: Sales Order (A2X, OData V2)

Business Details

The *Sales Order (A2X, OData V2)* API now contains additional properties.

The following properties are now available:

Property	Description	Entity	Necessity
`UnloadingPointName`	The location point at which the material is to be unloaded.	`A_SalesOrderHeaderPartner` (header partner entity)	Optional
`UnloadingPointName`	The location point at which the material is to be unloaded.	`A_SalesOrderItemPartner` (item partner entity)	Optional
`MeansOfTransportType`	Type of means of transportation	`A_SalesOrder` (sales order header) and `A_SalesOrderItem` (sales order item)	Optional
`MeansOfTransportRefMaterial`	Means of transportation	`A_SalesOrder` (sales order header) and `A_SalesOrderItem` (sales order item)	Optional
`SpecialProcessingCode`	Special processing indicator	`A_SalesOrder` (sales order header) and `A_SalesOrderItem` (sales order item)	Optional
`ProposedBillingDocumentType`	Proposed billing document type	`A_SalesOrder` (sales order header)	Read-only
`PartialDeliveryIsAllowed`	Controls whether the customer wants a complete delivery, or whether a partial delivery is possible.	`A_SalesOrderItem` (sales order item)	Optional
`MaxNmbrOfPartialDelivery`	The maximum number of partial deliveries, including the first delivery, that can be made to fulfill the order quantity for this product.	`A_SalesOrderItem` (sales order item)	Optional
`PurchaseOrderByShipToParty`	The number used by the customer for unique identification of the purchasing document, such as an inquiry or a purchase.	`A_SalesOrder` (sales order header) and `A_SalesOrderItem` (sales order item)	Optional

This API is available on the SAP Business Accelerator Hub (https://api.sap.com/).

Technical Details

Type	Changed
Functional Localization	No localization

Scope Item	BD9 (Sell from Stock)
Technical Object Name	API: `API_SALES_ORDER_SRV`
Application Component	`SD-SLS-API` (*SD API Interface*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Header Partner
Item Partner
Sales Order Header
Sales Order Item

9.1.4.2 SOAP API: Sales Order (A2A), Sales Order - Send Processing Notification (A2A), and Sales Order - Replicate (A2A)

Business Details

The *Sales Order (A2A)* API now contains an additional properties.

The following properties are now available:

Property	Description	Entity	Technical Object Name	Necessity
`MeansOfTransportType`	Type of means of transportation	`SalesOrder` and `Item`	`OP_SALESORDERBULKREQUEST_IN` `OP_CO_SDSLS_ESR_SALES_ORDER_NOTIF` `OP_CO_SDSLS_ESR_SALES_ORDER_REPL`	Optional
`MeansOfTransportRefMaterial`	Means of transportation	`SalesOrder` and `Item`		Optional
`SpecialProcessingCode`	Special processing indicator	`SalesOrder` and `Item`		Optional
`ProposedBillingDocumentType`	Proposed billing document type	`SalesOrder`		Read-only
`PartialDeliveryIsAllowed`	Controls whether the customer wants a complete delivery, or whether a partial delivery is possible.	`Item`		Optional

Property	Description	Entity	Technical Object Name	Necessity
MaxNmbrOfPartialDelivery	The maximum number of partial deliveries, including the first delivery, that can be made to fulfill the order quantity for this product.	Item		Optional

This API is available on the SAP Business Accelerator Hub (https://api.sap.com/).

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BD9 (Sell from Stock)
Technical Object Name	API: API_SALES_ORDER_SRV
Application Component	SD-SLS-API (*SD API Interface*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Sales Order (A2A) - SalesOrder
Sales Order (A2A) - Item
Sales Order - Send Processing Notification (A2A) - SalesOrder
Sales Order - Send Processing Notification (A2A) - Item
Sales Order - Replicate (A2A) - SalesOrder
Sales Order - Replicate (A2A) - Item

9.1.4.3 Customer - 360° View - Version 2 Supports Service Contracts

Business Details

The *Customer - 360° View* app now supports service contracts. The *Overview* tab shows the service contracts. To view service contract details, open the service contract in the *Business Documents* tab. You can also view service quotations and service orders.

To navigate to related apps for service contracts, ensure you've been assigned the corresponding role:

- Service manager role (`SAP_BR_CUSTOMER_SRVC_MGR`)

To display the service contract in *Customer - 360° View* app, you need to maintain the following configuration in the table `CUST360_DOCSTTG`:

- Set *Business Document Category* to `SVC`.
- Specify the number of days for `BUSDOCDURATIONINDAYS` and `RECENTBUSDOCDURATIONINDAYS`.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2187A`
Application Component	`SD-SLS-GF-CFS` (*Customers Overview*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Customer - 360° View - Version 2

9.1.4.4 OData API: Sales Order (A2X, OData V4)

Business Details

The *Sales Order (A2X, OData V4)* API now includes additional properties. You can use the variant configuration entity in the *Sales Order (A2X, OData V4) API*. This entity corresponds to a product using Advanced Variant Configuration (AVC). Additionally, as a key user, you can extend the OData service *API_SalesOrder* to meet your business needs.

The following properties are now available:

Property	Description	Entity	Necessity
`MeansOfTransportType`	Type of means of transportation	`A_SalesOrder` (sales order header) and `A_SalesOrderItem` (sales order item)	Optional
`MeansOfTransportRefMaterial`	Means of transportation	`A_SalesOrder` (sales order header) and `A_SalesOrderItem` (sales order item)	Optional
`SpecialProcessingCode`	Special processing indicator	`A_SalesOrder` (sales order header) and `A_SalesOrderItem` (sales order item)	Optional
`ProposedBillingDocumentType`	Proposed billing document type	`A_SalesOrder` (sales order header)	Read-only
`PartialDeliveryIsAllowed`	Controls whether the customer wants a complete delivery, or whether a partial delivery is possible.	`A_SalesOrderItem` (sales order item)	Optional
`MaxNmbrOfPartialDelivery`	The maximum number of partial deliveries, including the first delivery, that can be made to fulfill the order quantity for this product	`A_SalesOrderItem` (sales order item)	Optional
`PurchaseOrderByShipToParty`	The number used by the customer for unique identification of the purchasing document, such as an inquiry or a purchase.	`A_SalesOrder` (sales order header) and `A_SalesOrderItem` (sales order item)	Optional

In the *Custom Fields* app, you can add custom fields using the following business contexts:

Service Entity	Business Context
`SalesOrder` (header)	*Sales: Sales Document*
`SalesOrderItem` (item)	*Sales: Sales Document Item*

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BD9 (Sell from Stock)
Technical Object Name	API: `API_SalesOrder`
Application Component	`SD-SLS-API` (*SD API Interface*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Sales Order Header
Sales Order Item
Variant Configuration
Extensibility: Sales Order (A2X, OData V4)

9.1.4.5 Role-Based Access to Price Elements in Sales Documents

Business Details

With this feature, you can set up the system to automatically control the access that business users have to price elements in a sales contract, sales inquiry, sales quotation, or sales scheduling agreement. The system controls the access based on your configuration of access levels and your settings for any role that has the business catalog assigned. This can be helpful when certain information, such as the profit margin, should stay hidden for certain users or when not all users should be able to edit specific price elements.

Role-based access can now be set up for the following apps:

- *Manage Sales Contracts - Version 2*
- *Create Sales Contracts*
- *Change Sales Contracts*
- *Display Sales Contracts*
- *Create Sales Inquiries*
- *Change Sales Inquiries*
- *Display Sales Inquiries*

- *Manage Sales Quotations - Version 2*
- *Create Sales Quotations*
- *Change Sales Quotations*
- *Display Sales Quotations*
- *Create Sales Scheduling Agreements*
- *Change Sales Scheduling Agreements*
- *Display Sales Scheduling Agreements*

Authorizations are not applied for data retrievals using CDS Views, OData APIs, SOAP APIs, or BAPIs. Authorizations are applied for data retrievals using the following RAP business objects (BOs), unless you're using privileged mode:

- `I_SALESCONTRACTTP`
- `I_SALESQUOTATIONTP`
- `I_SALESSCHEDULINGAGREEMENTTP`

You can grant the following types of access to price elements in the relevant sales documents:

- *No access*: No display and no change authorization
- *Display access*: Display authorization only (valid also for manual price conditions)
- *Change access*: Display and change authorization (includes create and delete)

For more information about this feature, see Role-Based Access to Price Elements.

For more information about how to set up this feature, see Setting Up Role-Based Access to Price Elements.

Implementation Details

Authorizations

As an administrator, you grant the access to selected price elements for business users in the role maintenance transaction `PFCG`. You need to maintain the authorization fields of the `PRCG_ACC` authorization object for all the business roles that work with the corresponding SD document category:

- Application (field `KAPPL`): V (Sales/Distribution)
- SAP object type (field `PRCG_SOT`): <SAP object type representing the category of sales documents for which you want to restrict price element access>

Customizing

As a key user for Customizing, you do the following steps:

- Enable role-based access to price elements per SAP object type in the *Enable Role-Based Access to Price Elements per SAP Object Type* Customizing activity.
  - You can use this activity to enable further SAP object type (SOT) for the role-based access to price elements. This is possible for the following SAP object types:
    - `SalesContract`
    - `SalesInquiry`
    - `SalesQuotation`

    - `SalesSchedulingAgreement`
- SAP object types represent specific types of documents. The following SAP object types are enabled by default for role-based access to price elements:
    - `BillingDocument`
    - `BillingDocumentRequest`
    - `CreditMemoRequest`
    - `CustomerReturn`
    - `DebitMemoRequest`
    - `InvoiceList`
    - `PreliminaryBillingDocument`
    - `SalesOrder`
- Set up the access levels in the *Define Access Levels for Price Elements* Customizing activity.
- Assign the appropriate access level to a condition type or to a subtotal line in the relevant pricing procedure in the *Define and Assign Pricing Procedures* Customizing activity.

Effects on Existing Data

> ⚠ Caution
>
> If several SAP object types are enabled and the corresponding sales documents use the same pricing procedure, the following applies: You must ensure that the corresponding business roles working with these pricing procedures have the restriction type of this function maintained. Otherwise, for users assigned to these business roles, all condition types or subtotal lines, for which an access level is maintained in the pricing procedure, are invisible.
>
> For example, imagine you have assigned access levels to the pricing procedure used for sales contract and maintained (in the respective business roles) specific authorizations for the `SalesContract` SAP object type. As your sales quotation use the same pricing procedure as your sales contract, you must also maintain (in the business roles that access sales quotation) authorizations for the `SalesQuotation` SAP object type. Otherwise, the restricted price elements are no longer visible in sales quotation for users assigned to the non-maintained business roles.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	I9I (Sales Contract Management) 3NR (Sales Scheduling Agreements) BDG (Sales Quotation) 1IQ (Sales Inquiry)
Technical Object Name	Not applicable

Application Component	`SD-SLS-OA-CCO` (*Customer Contracts*) `SD-SLS-OA-SCH` (*Customer Scheduling Agreement*) `SD-SLS-QUT` (*Sales Inquiries / Quotations*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Role-Based Access to Price Elements in Sales Documents
Role-Based Access to Price Elements
Setting Up Role-Based Access to Price Elements

9.1.5 Claims, Returns, and Refund Management

9.1.5.1 Customer Return (A2X, OData V4)

Business Details

You can use this API for customer returns to create, read, and update returns order in external systems. You can also delete single entities, such as items, in returns order. This is an OData version 4 service. This version improves processing time and reduces resource consumption of clients and servers. It also uses a lightweight JSON format to reduce the size of every response.

You can process your requests in synchronous mode or asynchronous mode. For more information, see Customer Return (A2X, OData V4).

With this API, you can perform operations on *Customer Return (A2X, OData V4)* entities. These include the returns order header, header partners, header pricing elements, header texts, returns order items, item partners, item pricing elements, item texts, and returns process steps. For more information, see Operations for Customer Return (A2X, OData V4).

As a key user, you can extend the OData V4 API *Customer Return (A2X)* to meet your business needs. For more information, see Extensibility: Customer Return (A2X, OData V4).

Technical Details

Type	New

Functional Localization	No localization
Scope Item	BKP (Customer Returns)
Technical Object Name	API: `API_CUSTOMERRETURN`
Application Component	`LO-ARM` (*Advanced Returns Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Customer Return (A2X, OData V4)

9.1.5.2 OData API: Customer Return (A2X, OData V2)

Business Details

The *Customer Return (A2X, OData V2)* API now contains additional properties at the returns order item level.

The following properties are now available:

Property	Description	Entity	Necessity
`PricingDate`	The date that determines date-related pricing elements, such as conditions and foreign exchange rate.	`A_CustomerReturnItem` (returns order item)	Optional
`ProductionVersion`	The production version specified for the production order must be a specific version that indicates refurbishment.		Optional

This API is available on the SAP Business Accelerator Hub (https://api.sap.com/).

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	BKP (Customer Returns)
Technical Object Name	API: `API_CUSTOMER_RETURN_SRV`
Application Component	`LO-ARM` (*Advanced Returns Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Returns Order Item

9.1.5.3 OData API: Customer Return - Simulate (A2X)

Business Details

The *Customer Return - Simulate (A2X)* API now contains additional properties at the returns order item simulation level.

The following properties are now available:

Property	Description	Entity	Necessity
`PricingDate`	The date that determines date-related pricing elements, such as conditions and foreign exchange rate.	`A_CustomerReturnItemSimulation` (returns order item simulation)	Optional
`ProductionVersion`	The production version specified for the production order must be a specific version that indicates refurbishment.		Optional

This API is available on the SAP Business Accelerator Hub (https://api.sap.com/).

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BKP (Customer Returns)
Technical Object Name	API: `API_CUSTOMER_RETURN_SIMULATION_SRV`
Application Component	`LO-ARM` (*Advanced Returns Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Returns Order Item Simulation

9.1.5.4 New Sales Document in Customer Returns Processing

Business Details

When you create a returns order, you can create a new sales document, which can be either a *Sales Order* or a *Delivery Free of Charge*. This can be achieved by maintaining the necessary output management settings using output determination (`SD-BF-OC`).

You can select either a *Sales Order* or a *Deliv. Free of Charge* from the *Sales Document* dropdown to specify the type of sales document to be created. The created sales document appears as a related document in the *Returns Overview for Customer Returns*.

You can implement the Business Add-In (BAdI) `BADI_SD_MSR_SALES_DOC` to modify the relevant data in the sales document for the customer returns transaction. You can check the data available for modification in the BAdI interface.

Implementation Details

Customizing

You need to maintain the following configurations based on the returns order type used:

- Activate the sales document for a returns order. Set the *Sales Doc Active* field to active in Customizing under *Sales and Distribution* > *Sales* > *Advanced Returns Management* > *Activate Advanced Returns Management for Returns Order Types*.
- Assign a target sales document type to the relevant returns order type and sales document, such as a sales order or a delivery free of charge, in Customizing under *Sales and Distribution* > *Sales* > *Advanced Returns Management* > *Follow-Up Documents* > *Specify Settings for Sales Document for Customer Returns*.
- Maintain the condition record for the returns order type by selecting the relevant output type using transaction VV11.

For more information on configurations, refer to the SAP Note 3673304.

You can access the BAdI to modify the relevant data in the sales document in Customizing under *Sales and Distribution* > *Sales* > *Advanced Returns Management* > *Business Add-Ins (BAdIs)* > *BAdI: Change Data for Sales Document for Customer Returns*.

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 Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Returns Order
Business Add-Ins (BAdIs) for Customer Returns

9.1.6 Special Business Processes in Order and Contract Management

9.1.6.1 Multistage Intercompany Sales

Business Details

The *Multistage Intercompany Sales* process enables two or more affiliated companies running in the same system to participate in a single intercompany process. The selling company sells a product from a stock that is owned by an affiliated company of the same group.

The selling company buys the goods directly from the delivering company or from one or more affiliated companies that act as intermediate companies. The goods are then delivered by the delivering company that has the goods in stock. A drop shipment occurs in which the goods are delivered directly from the stocked plant to the customer of the selling company.

With the *Multistage Intercompany Sales* process, the system creates the following additional business documents:

- Purchase order in the selling company and the intermediate company
- Sales order in the intermediate company and the delivering company

For the transfer of control of goods between the affiliated companies and to the customer, this process uses valuated stock in transit.

To support valuated stock in transit in this process, a transit plant (virtual) is introduced at each company involved in the goods movement, including the intermediate company and the selling company. To orchestrate and monitor each process step, this process makes use of the *Monitor Value Chains* app.

In contrast to intercompany sales, multistage intercompany sales introduce additional documents to support the process. While these documents are also used in advanced intercompany sales, their usage and integration are extended in the multistage intercompany sales.

Selling Company

- Intercompany purchase order
- Intercompany supplier invoice
- Stock transfer into valuated stock

Intermediate Company

- Intercompany purchase order
- Intercompany sales order
- Intercompany supplier invoice
- Stock transfer into valuated storage location

Delivering Company

- Intercompany sales order
- Intercompany customer invoice
- Outbound delivery
- Stock transfer into valuated stock in transit

The process consists of the following main steps:

- Processing sales order
- Processing intercompany purchase order
- Processing intercompany sales order
- Processing outbound delivery
- Processing goods movement with valuated stock (in transit)
- Billing with intercompany customer invoices and customer invoices
- Invoice verification based on intercompany supplier invoice

Implementation Details

Customizing

You can set up your system for the *Multistage Intercompany Sales* process either by executing all the steps in the configuration guide attached to SAP Note 3636884 or by activating the process with scope item *7YY* in your content-based system. Even when using a content-based system, executing the setup guide remains necessary to ensure that all required configuration settings and master data have been completed and created, respectively.

> Note
>
> You need to activate the business function `VALUE_CHAIN_ANALYSIS` to enable value chain types for *Multistage Intercompany Sales* process.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7YY (Multistage Intercompany Sales)
Technical Object Name	Not applicable
Application Component	`SD-SLS` (*Sales*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Multistage Intercompany Sales

9.1.6.2 New Partner Function for Sales: Goods Supplier

Business Details

A new partner function, *Goods Supplier* (GS), has been introduced in the partner determination procedure. This partner function can be assigned at the sales document header, the sales document item, and the customer invoice item.

The goods supplier represents the physical location from which the goods are shipped. If the goods supplier is copied to or available in a customer invoice, the country of the goods supplier is copied into the billing item field *Departure Country/Region* (from which the goods are sent).

In the multistage intercompany sales and multistage intercompany stock transfer processes, the goods supplier is used to represent the delivering plant. Therefore, the supplier number assigned to the delivering plant is copied into the goods supplier. In these scenarios, the goods supplier role is available in all intercompany purchase orders and intercompany sales orders.

Implementation Details

Customizing

You can assign the partner function GS to the partner determination procedure in Customizing for *Sales and Distribution* under:

- *Basic Functions* > *Partner Determination* > *Set Up Partner Determination* > *Set Up Partner Determination for Sales Document Header*
- *Basic Functions* > *Partner Determination* > *Set Up Partner Determination* > *Set Up Partner Determination for Sales Document Item*
- *Basic Functions* > *Partner Determination* > *Set Up Partner Determination* > *Set Up Partner Determination for Billing Item*

You can set up your system for the *Multistage Intercompany Sales* process either by executing all the steps in the configuration guide attached to SAP Note 3636884 or by activating the process with scope item *7YY* in your content-based system. Even when using a content-based system, executing the setup guide remains necessary to ensure that all required configuration settings and master data have been completed and created, respectively.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7YY (Multistage Intercompany Sales)
Technical Object Name	Not applicable
Application Component	`SD-SLS` (*Sales*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Multistage Intercompany Sales

9.1.6.3 Support Subitems in Value Chain Monitoring (VCM)-Managed Processes

Business Details

With Advanced Available-To-Promise (aATP) you can check the product availability across different plants and automatically or manually trigger the creation, modification, or deletion of advanced intercompany sales, multistage intercompany sales, and sell from stock with valuated stock in transit subitems.

You can activate advanced intercompany sales, multistage intercompany sales, or sell from stock with valuated stock in transit for these subitems.

Implementation Details

Customizing

To achieve this, the new *Item Category of the Main Item* key field has been added to the Customizing table of the following Customizing activity: *Sales and Distribution* > *Sales* > *Sales Documents* > *Integration with Value Chain Monitoring* > *Assign Document Type and Item Category to Value Chain Type*

Subitems are structured hierarchically. They are identified by their higher-level item field. Item categories, such as TAN (for subitems) or TAPA (higher-level item), distinguish between main items and subitems.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7YY (Multistage 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 FPS01

Related Information

Multistage Intercompany Sales

9.1.6.4 Intercompany Customer Returns

Business Details

The intercompany customer returns process supports end-to-end returns handling across the selling company, the intermediate company, and the delivering company as part of the multistage intercompany sales process.

When the customer of the selling company initiates a return, the goods may be returned directly to the delivering company's plant by using the logistical follow-up activity *Direct Shipment to Supplier* (`0007`) in the selling company returns order.

In the customer returns order of the selling company, you enter the following details:

- *Supplier ID* associated with the relevant affiliated (delivering or intermediate) company.
- *Supplier Invoice Number* along with the *Fiscal Year*.
- *Reference Item Number*, if applicable.

These details are entered at the item level under the *Returns* tab. Upon saving, the returns purchase order is created and displayed in the *Returns Overview* tab.

For information about customer returns processing and IDoc exchange, see SAP Note 2967795.

Implementation Details

Customizing

You can set up your system for the *Multistage Intercompany Sales* process either by executing all the steps in the configuration guide attached to SAP Note 3636884 or by activating the process with scope item *7YY* in your content-based system. Even when using a content-based system, executing the setup guide remains necessary to ensure that all required configuration settings and master data have been completed and created, respectively.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7YY (Multistage Intercompany Sales)
Technical Object Name	Not applicable
Application Component	SD-SLS (*Sales*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Intercompany Customer Returns

9.1.7 Basic Functions

9.1.7.1 First Come First Served for Sales Documents Update Report

Business Details

With the report SD_FCFS_UPDATE, you can update the first come first served priorities of delivered and open schedule lines. It also splits schedule lines where necessary.

Implementation Details

Customizing

The report calls and executes the BAdI BAdI_SD_FCFS_UPDATE. You can access the BAdI in Customizing under *Advanced Available-to-Promise (aATP)* > *Configuration Activities for Specific Document Types* > *Sales Documents and Deliveries* > *Enhancements for First Come First Served for Sales Documents* > *First Come First Served for Sales Documents Update Report*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	`Not applicable`
Application Component	`SD-SLS-GF` (*Basic Functions*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

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 Solution Quotation – Advanced Product Bundling (7WT)

Business Details

Scope Item 7WT enables multilevel Advanced Variant Configuration in solution quotations for complex products with configurable subitems from the product master. It applies to subscription sales and plan-to-produce physical products. The new SQBD item category supports solution bundles with configurable and non-configurable components. Configuration is set at solution level, with a single level per component, improving quote accuracy and alignment across sales, service, and manufacturing.

Scope Item 7WT enables multi-level Advanced Variant Configuration (AVC) in solution quotations, allowing organizations to sell complex products with configurable sub-item structures defined in the product master. It supports multilevel configuration for both subscription items in sales/set scenarios and physical products in plan/produce scenarios. The new item category SQBD introduces flexible solution bundles that can include configurable and non-configurable components. While multilevel configuration is enabled at the solution level, each component item supports a single configuration level. This capability enhances quotation accuracy, supports hybrid offerings, and improves alignment across sales, service, and manufacturing processes.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7WT (Solution Quotation – Advanced Product Bundling)
Technical Object Name	App ID: `F7671`
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 FPS01

Related Information

https://help.sap.com/docs/SAP_S4HANA_ON-PREMISE/7b24a64d9d0941bda1afa753263d9e39/b22f63e381d5489ab3419217621ea060.html?version=LATEST&locale=en-US

https://help.sap.com/docs/SAP_S4HANA_ON-PREMISE/7b24a64d9d0941bda1afa753263d9e39/1a960c05123c4a9faf448083a3e99507.html?version=LATEST&locale=en-US#product-types-in-solution-quotation

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 Multilevel Categorization in Service Contracts

Business Details

Multilevel categorization allows for the classification of service contracts into specific categories, facilitating easier tracking and processing. This feature enables the addition of detailed information without custom fields and supports seamless data replication and classification without creating multiple transaction types.

Implementation Details

Customizing

You can set up multilevel categorization in Customizing under *Service* > *Cross-Application Components* > *Multilevel Categorization* > *Define Application Areas for Categorization* by defining a new application area for service contracts.

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 FPS01

Related Information

Multilevel Categorization

10.1.1.2 Create Maintenance Plans from Service Contract Items

Business Details

With this feature, the system automatically creates a new maintenance plan when you release a service contract item. For that purpose, you must provide reference data in that service contract item before releasing it. Previously, you could only view the maintenance plan that was assigned to a service contract item.

You must provide the reference data about the maintenance item and the service order template. With the provided maintenance item, the relevant maintenance plan and service order type are also displayed for reference. Using this method, you can only create time-based single cycle maintenance plans.

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 FPS01

Related Information

Service Contract Item

10.1.1.3 Rejection Reason in Service Contracts

Business Details

You can now prevent the processing of a service contract item or an entire service contract by maintaining a rejection reason in the service contract item details. When you enter a rejection reason, the system automatically sets the life cycle status to **Completed**, indicating that the item is no longer active. If you remove the rejection reason, the system automatically updates the life cycle status back to **In Process**, allowing processing to continue.

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 FPS01

Related Information

Service Contract Item

10.1.1.4 Validation Checks for Business Completion and Reopening of Service Contracts in Settlement Hierarchies

Business Details

You can now set a service contract item to *Business Completed* in a settlement hierarchy only if all child objects under the hierarchy are also in *Business Completed* status. The new validation is performed at the item level, ensuring that every service order item, service order header, and maintenance order under the root object meets the completion criteria before the root can be completed.

When reverting the status from *Business Completed* to *Business Reopen* on the service contract, the system validates that the child archived indicator is not set to true. This ensures that the reopen process is consistent across all levels of the settlement hierarchy.

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 FPS01

Related Information

Finalizing the Service Contract

10.1.2 Service and Maintenance Plan

10.1.2.1 BAdI: Reuse Service Transaction in Recurring Service

Business Details

You can use the Business Add-In (BAdI) *Reuse Service Transaction in Recurring Service* in Recurring Service (maintenance plan) to reuse a service transaction with service items. This BAdI allows the addition of service items into an existing service transaction.

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 Service*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Business Add-In: `CRMS4_MPLAN_CALL_TYPE_5`
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 FPS01

10.1.2.2 BAdI: Maintenance Plan Scheduling

Business Details

The Business Add-In (BAdI) *Maintenance Plan Scheduling* enables you to introduce custom validations, in addition to the existing standard validations, for the generation of the call object during scheduling. The creation of the call object can be prevented if the validations fail. This BAdI can be used for maintenance plans in both Recurring Service and Recurring Service with Advanced Execution.

Implementation Details

Customizing

You can find the BAdI in Customizing under *Service* > *Transactions* > *Settings for Recurring Service* > *Business Add-Ins* > *BAdI: Maintenance Plan Scheduling*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Business Add-In: `CRMS4_MPLAN_SCHEDULING`
Application Component	`CRM-S4-MD-ORG` (*Organizational Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

10.1.2.3 BAdI: Contract Determination in Recurring Service

Business Details

The Business Add-In (BAdI) *Contract Determination in Recurring Service* enables you to allow contract determination for individual service transaction items generated from a maintenance plan.

Implementation Details

Customizing

You can find the BAdI in Customizing under *Service* > *Transactions* > *Settings for Recurring Service* > *Business Add-Ins* > *BAdI: Contract Determination in Recurring Service*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Business Add-In: `CRMS4_MPLAN_ORDER_PREPARE`
Application Component	`CRM-S4-MD-ORG` (*Organizational Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

10.2 Service Operations & Processes

10.2.1 Service Order Management

10.2.1.1 OData API: Service Quotation

Business Details

The *Service Quotation* API has been enhanced to support new entities and new properties in the `ServiceQuotationItem` (*Service Quotation Item*) entity.

The following entities have been added to the *Service Quotation* API:

- `SrvcQtanRefServiceContract` (*Reference Service Contract of Service Quotation*): You can use this entity to display service contracts that are linked to a service quotation.
  This entity also includes the service contracts assigned to the service quotation items and aggregated at service quotation header.
- `SrvcQtanPartnerAddress` (*Partner Address of Service Quotation*): You can use this entity to overwrite the address data of the service partner in the service quotation that have been taken over from the business partner master data.
- `SrvcQtanItemPartnerAddress` (*Partner Address of Service Quotation Item*): You can use this entity to overwrite the address data of the service partner in the service quotation item that have been taken over from the business partner master data.

The following properties have been added to the `ServiceQuotationItem` (*Service Quotation Item*) entity:

- `Plant`: Indicates the plant to which the service quotation item is assigned.
- `StorageLocation`: Indicates where the service quotation item is stored.

Technical Details

Type	Changed

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 Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Reference Service Contract of Service Quotation
Partner Address of Service Quotation
Partner Address of Service Quotation Item
Service Quotation Item

10.2.1.2 OData API: Service Order

Business Details

The ODATA V4 API `ServiceOrder` (`ServiceOrder`) has been enhanced to now support new entities and properties.

The following table provides an overview of the added entities and properties:

Entity/Property	Description	Further Information
`ServiceOrderItemQualification`	This entity allows qualifications to be added at the item level.	Service Order Item Qualification
`ServiceOrderPaymentPlan`	Service order payment plan	Service Order Payment Plan
`SrvcDocInterCoReferenceItem`	Service transaction intercompany reference item	Service Order Item

Entity/Property	Description	Further Information
`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
`SrvcDocItemIsUnderWarranty`	Indicates the warranty status of a service transaction item. You can use this field to define whether the equipment referenced in the service transaction item is under warranty. Boolean: True or False	Service Order Item
`MasterWarranty`	The ID of the master warranty assigned to a reference object, for example, equipment. Depending on the master warranty, the `SrvcDocItemIsUnderWarranty` field is set to true or false. That means that if the warranty determination logic returns a valid warranty, then the flag is set to true, but if there is no warranty, the flag is set to false.	Service Order Item
`WarrantyEndDate`	Indicates the end date of a warranty period for a service transaction item.	Service Order Item
`SrvcCloudVersion2ServiceOrder`	Displays the SAP Service Cloud Version 2 ID	Service Order
`SrvcCloudVers2ServiceOrderItem`	Displays the SAP Service Cloud Version 2 item number	Service Order Item
`Plant`	Indicates the plant to which the item is assigned.	Service Order Item
`StorageLocation`	Indicates where the item is stored.	Service Order Item

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	API: `ServiceOrder`
Application Component	`CRM-S4-SRV-SRVO` (*S4CRM: Service Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

10.2.1.3 OData API: Service Confirmation

Business Details

The OData V4 API `Service Confirmaton` (`ServiceConfirmation`) has been enhanced to support new entities and properties.

The following table provides an overview of the added entities and properties:

Entity/Property	Description	Further Information
`ValuationType`	Uniquely identifies separately valuated stocks of a product.	Service Confirmation Item Also availabe for SAP S/4HANA 2025 via 3653398
`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 Confirmation

Entity/Property	Description	Further Information
`MasterWarranty`	The 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.	Service Confirmation Item
`SrvcDocItemIsUnderWarranty`	Indicates the warranty status of a service transaction item. You can use this field to define whether the equipment referenced in the service transaction item is under warranty. Boolean: True or False	Service Confirmation Item
`WarrantyEndDate`	Indicates the end date of a warranty period for a service transaction item.	Service Confirmation Item
`SrvcConfAppointment`	Date type in the service confirmation, such as a *valid to* date	Service Confirmation Appointment
`SrvcConfDuration`	Time frame between two points in time, for example, a requested start and end of a service confirmation, that consists of a number value and a time unit, for example, 1 month	Service Confirmation Duration
`SrvcConfItemAppointment`	Date type in the service confirmation item	Service Confirmation Item Appointment
`SrvcConfItemDuration`	Time frame between two points in time, for example, a requested start date and end date of a service confirmation item, that consists of a number value and a time unit, for example, 1 month	Service Confirmation Item Duration
`Plant`	Indicates the plant to which the item is assigned.	Service Confirmation Item
`StorageLocation`	Indicates where the item is stored.	Service Confirmation Item

Technical Details

Type	Changed
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 Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

10.2.1.4 Service Process Flow

Business Details

A process flow of service order processing is now available in the *Manage Service Quotations* and the *Manage Service Orders* app. This process flow provides you with a graphical overview of the sequential steps related to service transactions such as service quotations, service orders, or service confirmations and to documents such as billing documents. You can choose each transaction in the process flow to navigate to all related detail pages or apps. The process flow also provides status information for each shown transaction at a glance.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)

Technical Object Name	App ID:
	`TBT116MSR`
	`TBT116QMSR`

Application Component	`CRM-S4-SRV` (*S4CRM: Service Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Service Order Management

Billing
Service Process Flow

10.2.1.5 SOAP APIs for Service Confirmation

Business Details

The SOAP APIs for service confirmation have been enhanced to support new fields which provide warranty information.

The following table provides an overview of the added fields:

Field	Description	Service
Warranty Information		
`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 Confirmation - Confirm Processing (Asynchronous)* (`ServiceConfirmationConfirmation_Out`) • *Service Confirmation - Notification Processing (Asynchronous)* (`ServiceConfirmationNotification_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	

Field	Description	Service
`SrvcDocItemIsUnderWarranty`	Indicates whether the equipment referenced in the service transaction item is under warranty. Boolean: True or False	• *Service Confirmation - Confirm Processing (Asynchronous)* (`ServiceConfirmationConfirmation_Out`) • *Service Confirmation - Notification Processing (Asynchronous)* (`ServiceConfirmationNotification_Out`) • *Service Confirmation - Create, Change (Asynchronous)* (`ServiceConfirmationRequest_In`)

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-SCO` (*S4CRM: Service Confirmation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Service Confirmation - Create, Change (Asynchronous)
Service Confirmation - Confirm Processing (Asynchronous)
Service Confirmation - Notification Processing (Asynchronous)
Service Confirmation (Bulk) - Create, Change (Asynchronous)
Service Confirmation (Bulk) - Confirm Processing (Asynchronous)

10.2.1.6 SOAP APIs for Service Order

Business Details

The SOAP APIs for service order have been enhanced to support new fields, such as those to define a posting date or a reference service quotation, or to define whether a service order is new or has errors.

The following table provides you with an overview of the added fields:

Field	Description	Service
`PostingDate`	Defines the date on which the service order is posted to accounting	• *Service Order - Create, Change (Asynchronous)* (`ServiceOrderRequest_In`) • *Service Order (Bulk) - Create, Change (Asynchronous)* (`ServiceOrderBulkRequest_In`) • *Service Order - Confirm Processing (Asynchronous)* (`ServiceOrderConfirmation_Out`) • *Service Order - Notification Processing (Asynchronous)* (`ServiceOrderNotification_Out`) • *Service Order (Bulk) - Confirm Processing (Asynchronous)* (`ServiceOrderBulkConfirmation_Out`)
`ServiceOrderIsNew`	Indicates, that the status of the service order is **new**	• *Service Order - Confirm Processing (Asynchronous)* (`ServiceOrderConfirmation_Out`) • *Service Order - Notification Processing (Asynchronous)* (`ServiceOrderNotification_Out`) • *Service Order (Bulk) - Confirm Processing (Asynchronous)* (`ServiceOrderBulkConfirmation_Out`)

Field	Description	Service
`ServiceOrderItemIsNew`	Indicates, that the status of the service order item is **new**	• *Service Order - Confirm Processing (Asynchronous)* (`ServiceOrderConfirmation_Out`) • *Service Order - Notification Processing (Asynchronous)* (`ServiceOrderNotification_Out`) • *Service Order (Bulk) - Confirm Processing (Asynchronous)* (`ServiceOrderBulkConfirmation_Out`)
`ServiceOrderHasError`	A flag indicating whether there are any errors on the header level	• *Service Order - Confirm Processing (Asynchronous)* (`ServiceOrderConfirmation_Out`) • *Service Order - Notification Processing (Asynchronous)* (`ServiceOrderNotification_Out`) • *Service Order (Bulk) - Confirm Processing (Asynchronous)* (`ServiceOrderBulkConfirmation_Out`)
`ReferenceServiceQtan`	ID of the service quotation to which the service order was created as a follow-up	• *Service Order - Confirm Processing (Asynchronous)* (`ServiceOrderConfirmation_Out`) • *Service Order - Notification Processing (Asynchronous)* (`ServiceOrderNotification_Out`) • *Service Order (Bulk) - Confirm Processing (Asynchronous)* (`ServiceOrderBulkConfirmation_Out`)

Field	Description	Service
`ServiceOrderItemHasError`	A flag indicating whether there are any errors on the item level	• *Service Order - Confirm Processing (Asynchronous)* (`ServiceOrderConfirmation_Out`) • *Service Order - Notification Processing (Asynchronous)* (`ServiceOrderNotification_Out`) • *Service Order (Bulk) - Confirm Processing (Asynchronous)* (`ServiceOrderBulkConfirmation_Out`)
`ReferenceServiceQtanItem`	Contains a reference to the related service quotation item	• *Service Order - Confirm Processing (Asynchronous)* (`ServiceOrderConfirmation_Out`) • *Service Order - Notification Processing (Asynchronous)* (`ServiceOrderNotification_Out`) • *Service Order (Bulk) - Confirm Processing (Asynchronous)* (`ServiceOrderBulkConfirmation_Out`)
`SrvcDocInterCoReferenceItem`	Service order intercompany reference item number	• *Service Order - Create, Change (Asynchronous)* (`ServiceOrderRequest_In`) • *Service Order (Bulk) - Create, Change (Asynchronous)* (`ServiceOrderBulkRequest_In`) • *Service Order - Confirm Processing (Asynchronous)* (`ServiceOrderConfirmation_Out`) • *Service Order - Notification Processing (Asynchronous)* (`ServiceOrderNotification_Out`) • *Service Order (Bulk) - Confirm Processing (Asynchronous)* (`ServiceOrderBulkConfirmation_Out`)
`SrvcCloudVersion2ServiceOrder`	Displays the SAP Service Cloud Version 2 ID	*Service Order - Notification Processing (Asynchronous)* (`ServiceOrderNotification_Out`)

Field	Description	Service
`SrvcCloudVers2ServiceOrderItem`	Displays the SAP Service Cloud Version 2 item number	*Service Order - Notification Processing (Asynchronous)* (`ServiceOrderNotification_Out`)

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 Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

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)

10.2.1.7 Financial Attributes in Service Order

Business Details

With the assignment block *Financial Attributes*, you can now display an overview of key financial control fields directly in the service order. It provides information about settlement options, event-based revenue recognition, and financial reporting attributes.

The *Financial Attributes* assignment block is available for service transaction items which have an account assignment object. These can be service contract items and service order items. Service confirmation items inherit the account assignment object from the service order item, thus the assignment block is not available.

All item types, such as service products, expenses, service parts, execution order items, tool items, and service contract order items are supported.

The financial attributes are only available if item-based accounting is active. If the service order is *New* or being edited, the assignment block is not visible.

Implementation Details

Customizing

As the financial attributes block is only available when item-based accounting is active, it must be enabled via Customizing: *Service* > *Transactions* > *Settings for Service Transactions* > *Integration* > *Enable Item-Based Accounting for Service*.

Technical Details

Type	Changed
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 Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Service Orders

10.2.1.8 Update Service Orders without External Reference Number Using SOAP APIs

Business Details

You can now create and update orders via the inbound services `ServiceOrderRequest_In` and `ServiceOrderBulkRequest_In` without specifying reference order numbers or reference order item numbers.

If you decide to leave out the reference order numbers, it is not possible to check for duplicate calls, so every request for creating a new order will result in a new order even if the content is identical.

Implementation Details

Effects on Existing Data

If the API call omits the reference numbers in a create call, no error message will be returned, so the consuming code cannot rely on such a validation to take place.

For updates, you can now access the existing orders using the service order number and service order item numbers. Therefore, you can also update orders that were not initially created through an API.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	SOAP APIs: • `ServiceOrderRequest_In` • `ServiceOrderBulkRequest_In`
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

[Service Order - Create, Change (Asynchronous)](#)
[Service Order (Bulk) - Create, Change (Asynchronous)](#)

10.2.1.9 OData API: Service Document Rejection Reason Assignment

Business Details

You can now use this API to provide information about rejection reasons used in service transactions. This new API determines rejection reasons based on a combination of the service transaction type and the sales organization.

Implementation Details

Customizing

The following tables provide the source data for the new API:

- Tables `TVAG` and `TVAGT` contain all rejection reasons that are available in the system. They can be accessed via *Service* > *Transactions* > *Settings for Service Transactions* > *Settings for Rejection Reasons for Service Transactions* > *Define Rejection Reasons*.
- Table `CRMS4C_REJPROF_A` contains rejection profile data and provides information about which rejection reasons are included in a specific profile. It can be accessed via *Service* > *Transactions* > *Settings for Service Transactions* > *Settings for Rejection Reasons for Service Transactions* > *Assign Rejection Reasons to Rejection Profiles*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	API: `API_SrvcDocItemRejectionReason`

Application Component	`CRM-S4-SRV` (*S4CRM: Service Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Service Document Rejection Reason Assignment

10.2.1.10 Planned Costs and Revenues for Intercompay Service Order Item

Business Details

Planned costs and planned revenues are now calculated for intercompany service order items in the service order. This generates more accurate financial forecasting and efficient resource allocation.

The expected cost is determined by adding together:

1. The net value of the item in the intercompany order.
2. The net value of any manually created items within the same order that reference it using the ICO reference number.
3. The net value of any sub-items within the service hierarchy of the aforementioned items in the intercompany order.

> ⓘ Note
>
> No planned costs and revenues are calculated when the item of the customer-facing service order is part of a service hierarchy (whether it is a main item or a sub-item).

Implementation Details

The following outlines the specific events that trigger the calculation of revenue and cost data for intercompany (ICO) items on the customer-facing service order.

These calculations are triggered by specific status changes or events in the system.

- **Ongoing Revenue Calculation**:
  - Event: The ICO item on the customer-facing service order is set to *open* and is error-free.
  - Action: The *ongoing revenue* for the ICO item is calculated and becomes available on the customer-facing service order.

- **Ongoing Cost Calculation**:
  - Event: The ICO item is released which means creating the corresponding ICO service order with an error-free follow-up item.
  - Action: The *ongoing cost* for the ICO item is calculated and becomes available on the customer-facing service order.
- **Baseline Revenue Calculation**:
  - Event: The customer-facing service order is released.
  - Action: The *baseline revenue* for the ICO item is calculated and becomes available on the customer-facing service order.
- **Baseline Cost Calculation**:
  - Event: The ICO service order is released.
  - Action: The *baseline cost* for the ICO item is calculated and becomes available on the customer-facing service order.

> Note
>
> This event also triggers the calculation of the *baseline plan data* on the ICO service order itself.

These actions are triggered by user interaction:

- **Effect on Customer-Facing Service Order**:
  - Action: A user clicks the *Update Baseline* button on the customer-facing service order.
  - Result: This triggers a recalculation of the *baseline revenue* for the ICO item on that same customer-facing service order.
- **Effect on ICO Service Order**:
  - Action: A user clicks the *Update Baseline* button on the ICO service order.
  - Result: This triggers a recalculation of the *baseline cost* for the corresponding ICO item on the customer-facing service order and a recalculation of the whole cost and revenue data (planned and ongoing) on the ICO service order unless the follow-up item is an ICO item itself.

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 Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS01

Related Information

Intercompany Service Orders
Service Planning: Managing Planned Cost and Revenue

10.2.1.11 Executable Message for Determination of Billing Plan Templates

Business Details

With this new executable message, you can choose from a list of automatically determined billing plan templates. By choosing one of those templates, billing request lines will be generated in the billing plan.

When the automatic determination of billing plan templates (BPT) finds more than one template, the executable message will pop up displaying a list of the automatically determined BPT. This automatic determination is triggered, when you choose an item category that is relevant for ad hoc billing. If more than one BPT is found, the system cannot generate billing request lines for the item's ad hoc billing plan.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	Message: `CRMS4_BPT022`
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Billing Plan Templates for Ad Hoc Billing Plans in Service Orders

10.2.1.12 Enhancements for Release for Billing App

Business Details

With the release for billing functionality on the UI, you can search for and release service order and service confirmation items for billing. With this new enhancement, the functionality is extended to include billing request lines (BRLs) of items with billing plan of service orders in addition to billable items. Therefore, based on search parameters, the result list displays the billable items and BRLs. You can then also individually select BRLs and release them for billing.

The following new search parameters have been introduced (can be selected using drop down list, not displayed by default):

- *BDR Creation Horizon (In Days)*: Enter the number of dates in the future up until when the BLRs are to be considered.
- *Billing Date*: Enter the date (or the time period) for which the BLRs are to be considered.

The following new columns in the search result list have been introduced:

- *Ad-Hoc Billing*: Indicates whether a given entry is that of a BLR or of a billable item.
- *Billing Date*: Displays the billing date of a billable item or of a BLR.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	App ID: `TBTBILLRE`
Application Component	`CRM-S4-SRV` (*S4CRM: Service Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Creating and Processing Billing Documents

10.2.1.13 Enhancements in Enterprise Service Organization

Business Details

The configuration for enterprise service organization has been enhanced with new Customizing activities. You can use these activities to define rules to determine enterprise service organizations and define enterprise service organization profiles.

You can use the following new Customizing activities:

- *Define Enterprise Service Organization Determination Rules*: This Customizing activity can be used to define rules that determine the enterprise service organization in the service transaction header.
- *Define Enterprise Service Organization Profile*: This Customizing activity can be used to define an enterprise service organization profile and assign a determination rule to the profile. The enterprise service organization profile can be assigned to a service transaction.
- *BAdI: Determine Enterprise Service Organization*: This Business Add-In (BAdI) can be used to create a custom logic to determine enterprise service organization.

Implementation Details

Customizing

You can find the Customizing activities and BAdI under *Service* > *Basic Functions* > *Enterprise Organizational Management*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	`CRMS4_ESO_DET_RULE`
	`CRMS4_ESO_PROFILE`
	`CRMS4_ESO_DETERMINATION`

Application Component	`CRM-S4-MD-ORG` (*Organizational Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Enterprise Organizational Management

10.2.1.14 Monitor Advance Shipment Stock App

Business Details

You can use the *Monitor Advance Shipment Stock* app to track customer consignment stock at customer locations, enhancing visibility into stock consumption and effectively managing returns. This app allows for proactive management of unused stock, ensuring efficient service operations and inventory control.

You can use this app to:

- Track the lifecycle of consignment stock sent to customer sites, from shipment to consumption or return.
- Provide real-time visibility into consignment stock at each customer location.
- Identify stock that has been consumed.

Implementation Details

Authorizations

You need have the role `SAP_BR_SERVICE_MANAGER` assigned.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8856`
Application Component	`CRM-S4-SRV-SVO` (*Service Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

10.2.1.15 Profit Center in Billable Maintenance Order

Business Details

You can now maintain the same or different profit centers in the execution order item and the corresponding billable maintenance order based on the profit center Customizing option.

If you choose the settlement option *Settlement Without Hierarchy Allowed* or *No Settlement*, you can select one of the following:

- Dependent on Execution Order Item: The profit center in the execution order item and the corresponding billable maintenance order will be the same and cannot be changed.
- Independent of Execution Order Item: The profit center in the billable maintenance order can be different from the execution order item.

If you choose the settlement option *Settlement With Hierarchy Allowed*, the profit center in the execution order item and the corresponding billable maintenance order must be the same and can't be changed.

Implementation Details

Customizing

You can find the profit center Customizing option in *Customizing Item* under *Service* > *Transactions* > *Basic Settings* > *Define Item Categories*.

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	6AU (Service with Advanced Execution)
Technical Object Name	Not applicable
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 FPS01

Related Information

Item-Based Accounting for Service with Advanced Execution

10.2.1.16 Enhancements in Resource-Related Cost Item

Business Details

Resource-Related Cost (RRCO) items can now be included in pricing and planned revenue calculations. RRCO items will also inherit the controlling object of the main execution order item.

Consider an execution order item with billing relevance Itemized Billing and resource-related cost items. If the execution order is marked as statistical and the RRCO items are marked as non-statistical, then only the net value of the RRCO items are aggregated to the service transaction header. Planned revenue from the execution order item is calculated based on the RRCO subitems.

Technical Details

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

Technical Object Name	App ID:
	`TBT116QMSR`
	`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 FPS01

Related Information

Resource-Related Cost item

10.2.1.17 Archiving Service Orders in Hierarchical Settlements

Business Details

It is now possible to archive service orders even when one or more items are part of a financial hierarchy with a service contract and when hierarchical settlement is used. It is, however, required that all service contracts involved are already set to *Business Completed*.

It is possible to revoke the status *Business Completed* for a service order even if hierarchical settlement is used (either with a contract item as a root object or with a service order item as a root object). However, if any of the linked PM orders are already archived, or the service contract is archived, then the service order must also be archived and its status cannot be reverted. If the service contract is at *Business Completed* status, then the service order and PM order must be at least at *Business Completed* status and cannot be at *Business Reopened*.

Technical Details

Type	Changed
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 Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS01

Related Information

Manage Service Orders

10.2.1.18 Enhancements in Transaction History with Credit Memo Request or Credit Memo for Service Order Items

Business Details

With this feature, the transaction history is extended to support service order items with ad hoc billing plan for case credit memo request or credit memo. Until now, the transaction history was only supported for credit memo requests and credit memo based on invoices for service contracts and for billable items of service orders and confirmations.

Technical Details

Type	Changed
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 Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Service Orders

10.2.1.19 Enhancement of Tool Items with Equipment and Serial Number Input for Serialized Tools

Business Details

You can now enter the tool’s equipment and serial number for serialized tool materials in tool items. This feature is available for both service orders and service confirmations.

The following improvements are available:

- Additional fields for the tool's equipment and serial number
- The tool's serial number field will be auto-filled
- Additional checks for quantity and equipment fields to ensure accurate data entry

Technical Details

Type	Changed
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*) `CRM-S4-SRV-SCO` (*S4CRM: Service Confirmation)*
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Service Orders

10.2.1.20 Enabling New Fields for *Manage Substitution/Validation Rules - Service Documents* App

Business Details

The app *Manage Substitution/Validation Rules - Service Documents* now supports new attributes for service orders and service contracts. This is especially useful for the profit center determination.

The following list provides an overview of the new fields:

- *Bill-to Party*
- *Ship-to Party*
- *Sold-to Party*
- *Accounting Indicator*

Implementation Details

Effects on Existing Data

You can change the values in financial reporting fields as defined here: Substitution/Validation for Service Documents

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	App ID: `F4406`
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*) `CRM-S4-SRV-CTR` (*S4CRM: Service Contract and Quotation*
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Substitution/Validation for Service Documents
Rules for Substitution/Validation

10.2.1.21 Item Categories for Fixed Price and Ad Hoc Billing Use Cases for Tool Items

Business Details

The following item categories have been created to support fixed price and ad hoc billing use cases for tool items:

- `SBQT`: Tool Item (Enables Ad Hoc Billing)
- `SFQT`: Fixed Price Tool Item (Quotation)
- `SBOT`: Service Order Tool Item (Ad Hoc Billing)
- `SFOT`: Fixed Price Tool Item (Order)
- `SFCT`: Fixed Price Tool Item (Confirmation)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	Item categories: • `SBQT` • `SFQT` • `SBOT` • `SFOT` • `SFCT`
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*) `CRM-S4-SRV-SCO` (*S4CRM: Service Confirmation*) `CRM-S4-SRV-SVQ` (*S4CRM: Service Order Quotation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS01

Related Information

Tool Items in Service Transactions

10.2.1.22 Tool Items Integration with Account Assignment Manager

Business Details

With this new feature, you can enter tools for service orders and service confirmations in order to bill them to your customers and to determine and allocate internal costs. This is now also possible when integrating with the Account Assignment Manager.

Technical Details

Type	Changed
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*) `CRM-S4-SRV-SCO` (*S4CRM: Service Confirmation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Tool Items in Service Transactions

10.2.2 In-House Service

10.2.2.1 Restructure Service Objects by Split and Merge

Business Details

In the *Manage In-House Services* (`F4025`) and *Manage In-House Service Objects* (`F7695`) apps, you can now restructure service objects by splitting and merging their quantities and assigned serial numbers into new service objects. This helps you streamline the in-house service process for service objects. After the split or merge, you perform the in-house service process and launch the logistics-related process steps for the new service objects.

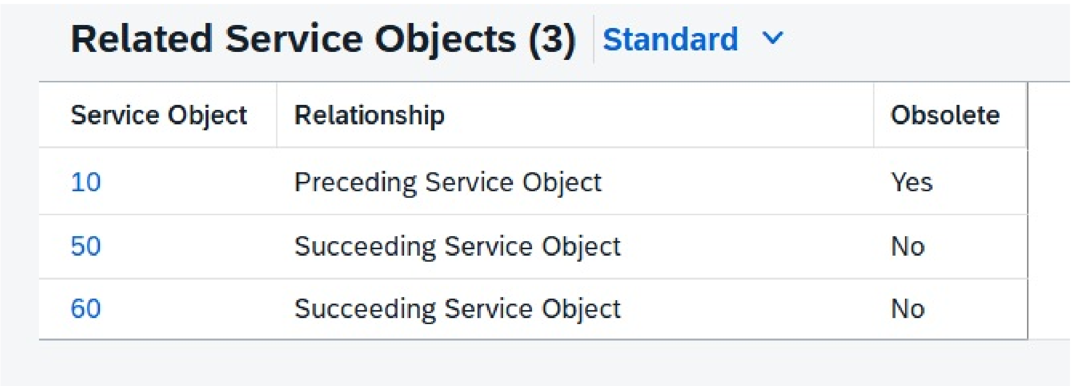
You can restructure service objects in the following ways:

- *Split*: Divide a service object with a quantity greater than one into several new service objects.
  - If the service object is a non-serialized product, you distribute the total quantity among the new service objects.
  - If the service object is a serialized product or equipment, you distribute all related serial numbers to the new service objects.
- *Merge*: Combine multiple service objects into one new service object. The system consolidates the quantities and/or serial numbers in the new service object.

Service objects that you split or merge are set to *Obsolete* and no longer appear in the service objects overview for an in-house service in the *Manage In-House Services* app. However, in the *Manage In-House Service Objects* app, you can filter for service objects set to *Obsolete*.

Examples of the User Interface

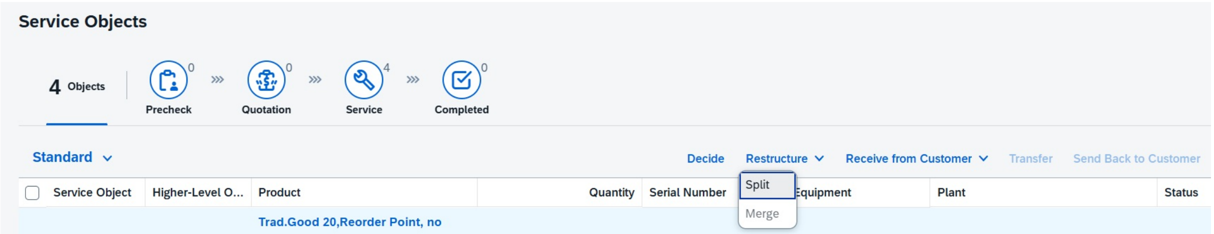
The following example shows the *Related Service Objects* tab in the *Manage In-House Service Objects* app for a service object. This overview lists all related service objects created by splitting or merging. You can also see in this history which related service objects have been set to *Obsolete*:



Related Service Objects (3) Standard

Service Object	Relationship	Obsolete
10	Preceding Service Object	Yes
50	Succeeding Service Object	No
60	Succeeding Service Object	No

The following example shows the *Restructure* button, which you use to split and merge service objects in the *Manage In-House Services* app. In the service objects overview of an in-house service, clicking this button allows you to choose between splitting the selected service object or merging multiple selected service objects:



This button is also available in the list report of the *Manage In-House Service Objects* 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	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 Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Restructuring Service Objects: Split and Merge
Manage Multiple Serial Numbers and Pieces of Equipment to Service Objects [page 431]

10.2.2.2 Manage Multiple Serial Numbers and Pieces of Equipment to Service Objects

Business Details

Service objects can now have multiple serial numbers and pieces of equipment assigned. In the *Manage In-House Service Objects* (`F7695`) app, you can add serial numbers and equipment to a service object that must have the status *Open*. To do so, you have to ensure that the total number of serial numbers and equipment you add to the service object matches the quantity specified for the service object in the *Manage In-House Services* (`F4025`) app.

When you assign multiple serial numbers and pieces of equipment to a service object, the assigned quantity and a link to the *Serial Numbers* tab appear in the list report of the *Manage In-House Service Objects* app and in the service objects overview of the *Manage In-House Services* app. This information also appears in the *In-House Service Objects* assignment block in the *Manage Service Quotations* (`TBT116QMSR`) and *Manage Service Orders* (`TBT116MSR`) apps.

Technical Details

Type	New
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)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Processing Serial Numbers
Restructure Service Objects by Split and Merge [page 429]

10.2.2.3 Enable Intercompany Service Orders in In-House Service

Business Details

You can now launch intercompany processes for in-house service objects (service object) in service orders in the *Manage Service Orders* app. This allows you to delegate the service execution to a company in a different company code.

To launch the intercompany process for a service object in a service order that is not yet released, first add an existing service object or insert equipment, a serialized or non-serialized product as a service object to an intercompany service item. Next, enter the receiving sales organization in the intercompany service item. This organization specifies the performing service center. When you release the service order, the system creates an intercompany service order and an intercompany in-house service to process the service object within the new company code.

Implementation Details

Customizing

To perform in-house service processes within intercompany service orders, you need to make the relevant settings for these service orders in Customizing for *Service*.

If you use In-House Service in a release earlier than SAP S/4HANA Cloud Private Edition 2025 FPS01 or SAP S/4HANA 2025 FPS01, make the following settings in Customizing for *Service*:

- **Partner processing**: To enable entries in the *End Customer* field, you must make settings in the following Customizing activities:
  - *Define Partner Functions*
  - *Define Access Sequences*
  - *Define Partner Determination Procedure in Service*

  For more information about the required settings, see the Customizing documentation in *Service* under *In-House Service* > *Define Partner Processing*.
- **Text management**: You need to set up the text objects `CRM_ORDERH` (for texts in the *Manage In-House Services* app) and `CRM_ORDERI` (for texts in the *Manage In-House Service Objects* app). These settings copy entries from the text fields of the original in-house service to the text fields in the intercompany in-house service.

  For more information, see the Customizing documentation in *Service* under *In-House Service* > *Define Text Management*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7GB (In-House Service) 41Z (Service Quotation and Order Management)
Technical Object Name	App ID: `TBT116MSR`
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*) `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 FPS01

Related Information

Processing Service Objects in Intercompany Service Orders
Intercompany Service Orders
Processing Service Objects in Intercompany In-House Services
Perform Intercompany Transfer for Service Objects [page 433]

10.2.2.4 Perform Intercompany Transfer for Service Objects

Business Details

In the *Manage In-House Services* (`F4025`) and *Manage In-House Service Objects* (`F7695`) apps, you can now launch the transfer of service objects to service centers in a different company code. Previously, you could only transfer service objects to service centers within the same company code. When you transfer a service object to a plant and storage location outside the company code of the sending service center, the system creates an intercompany in-house service in addition to the outbound delivery.

For this purpose, a new field, *End Customer*, is now available in the In-House Service apps. This field shows the business partner that originally sent the object for service and typically owns it. This business partner matches the sold-to party specified for the original in-house service. In the intercompany in-house service, the sold-to party is the business partner of the sales organization that launched the intercompany process.

Implementation Details

Customizing

To use intercompany transfer for service objects, you need to make settings in Customizing for *Service*. Perform these settings if you use In-House Service in a release earlier than SAP S/4HANA Cloud Private Edition 2025 FPS01 or SAP S/4HANA 2025 FPS01:

- **Partner processing**: To enable entries in the *End Customer* field, you must make settings in the following Customizing activities:
  - *Define Partner Functions*
  - *Define Access Sequences*
  - *Define Partner Determination Procedure in Service*

  For more information about the required settings, see the Customizing documentation in *Service* under *In-House Service* > *Define Partner Processing*.
- **Text management**: You need to set up the text objects `CRM_ORDERH` (for texts in the *Manage In-House Services* app) and `CRM_ORDERI` (for texts in the *Manage In-House Service Objects* app). These settings copy entries from the text fields of the original in-house service to the text fields in the intercompany in-house service.

  For more information, see the Customizing documentation in *Service* under *In-House Service* > *Define Text Management*.
- **PPF (Post Processing Framework) Actions**: You perform actions to create follow-up service transactions and documents, or to add service objects to existing service transactions in the *Manage In-House Service Objects* app under *Decide* for service objects related to the **original in-house service**. If you want to do this for service objects related to an **intercompany in-house service**, you need to maintain the parameter `IS_ INTERCOMPANY` in the schedule conditions for the action profiles `REPA2021` (*Actions for In-House Services*) and `REPA2022` (*Actions for In-House Service Objects*).
  For more information about the possible values to maintain for the parameter in the *Define Conditions* Customizing activity, see the Customizing documentation in *Service* under *In-House Service* > *Define Actions*.

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)*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Processing Service Objects in Intercompany In-House Services
Intercompany Transfer for Service Objects
Enable Intercompany Service Orders in In-House Service [page 432]

10.3 WebClient UI Framework

10.3.1 Improvements in Attachments

Business Details

The Attachment Service in service applications is updated to integrate with the latest version of the reuse component. This update improves the user interface for message dialogs, error notifications, and progress indicators, aligning them with the design standards.

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 FPS01

Related Information

UI Integration with Attachment Service

10.3.2 Support Custom Fields in Tree Views

Business Details

Custom fields are now supported in tree views. With this feature, you can extend WebClient UI applications by integrating custom fields created in the *Custom Fields* app. Key users can add these fields to application tree views using the WebClient UI configuration tool, enabling greater flexibility and personalization.

Technical Details

Type	New
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 Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Integration With Custom Fields App

10.3.3 Illustration in WebClient UI Pages

Business Details

The WebClient UI pages have been enhanced to display illustrations for standard scenarios such as search, value help and time-out. These illustrations help users quickly understand the context and maintain a consistent visual language across applications.

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 FPS01

10.3.4 WalkMe Integration in WebClient UI

Business Details

With this feature, you can use WalkMe in WebClient UI applications that are integrated into the SAP Fiori Launchpad.

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 FPS01

Related Information

Integration with WalkMe

11 Sourcing and Procurement

11.1 APIs for Integration with Sourcing and Procurement

11.1.1 OData V2 API: Supplier Invoice Localization Netherlands

Business Details

With this release, the following new fields are available for the Chain Liability functionality localized for the Netherlands:

- NL_ChainLiabilityDescription
- NL_ChainLiabilityDuration
- NL_ChainLiabilityEndDate
- NL_ChainLiabilityPercent
- NL_ChainLiabilityStartDate
- NL_ChainLbltyCnstrctnSiteDesc

For more information, see Item with Purchase Order Reference.

Technical Details

Type	Changed
Functional Localization	Localized for the Netherlands
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`MM-IV` (*Invoice Verification*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

11.2 Sourcing and Contract Management

11.2.1 Product Sourcing

11.2.1.1 Sourcing Project Templates

Business Details

With this release, sourcing administrators can create predefined sourcing project templates in the *Manage Sourcing Projects (New Version)* app. Sourcing managers can create sourcing projects from active templates and publish them after completing the required information. This approach helps reduce the effort and time required to set up sourcing projects.

Sourcing project templates have the following statuses:

- In Preparation
- Active
- Inactive
- Revised
- Obsolete

Current Status	Allowed Next Status	Behavior
In Preparation	*Active*	You can edit or delete templates in this status.
Active	*In Preparation* (new version), *Inactive*, or *Obsolete*	To edit an active template, click on *Revise Template*. A new version will be created to incorporate the changes. The existing version remains in *Active* status until the new version is activated. Once the new version becomes *Active*, the previous version is automatically set to *Revised*.
Inactive	*Active* or *Obsolete*	Inactive templates can be reactivated or marked as obsolete.
Revised and *Obsolete*	None	Templates in this status cannot be edited. You can only copy them.

When you create a sourcing project template as a user with the business partner role, the *Template Responsible* field is automatically populated. You can manually update this optional field during template creation. After the template is published, the *Template Responsible* field cannot be changed.

Examples of the User Interface

The *Manage Sourcing Projects* app now has a *Templates* tab. Use the *Create Templates* button to create new template.

Two fields, *Template Responsible* and *Template Status* are newly added to sourcing projects as part of this feature.

Implementation Details

Authorizations

You must be assigned the sourcing administrator role to create and maintain sourcing project templates. As sourcing manager, you can view and use templates to create sourcing projects.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4RD
Technical Object Name	App ID: `F4861A`
Application Component	`MM-PUR-SRC-SP` (*Sourcing Project*)
Availability	SAP S/4HANA
Valid as Of	2025 FPS01

11.3 Operational Procurement

11.3.1 Self-Service Requisitioning

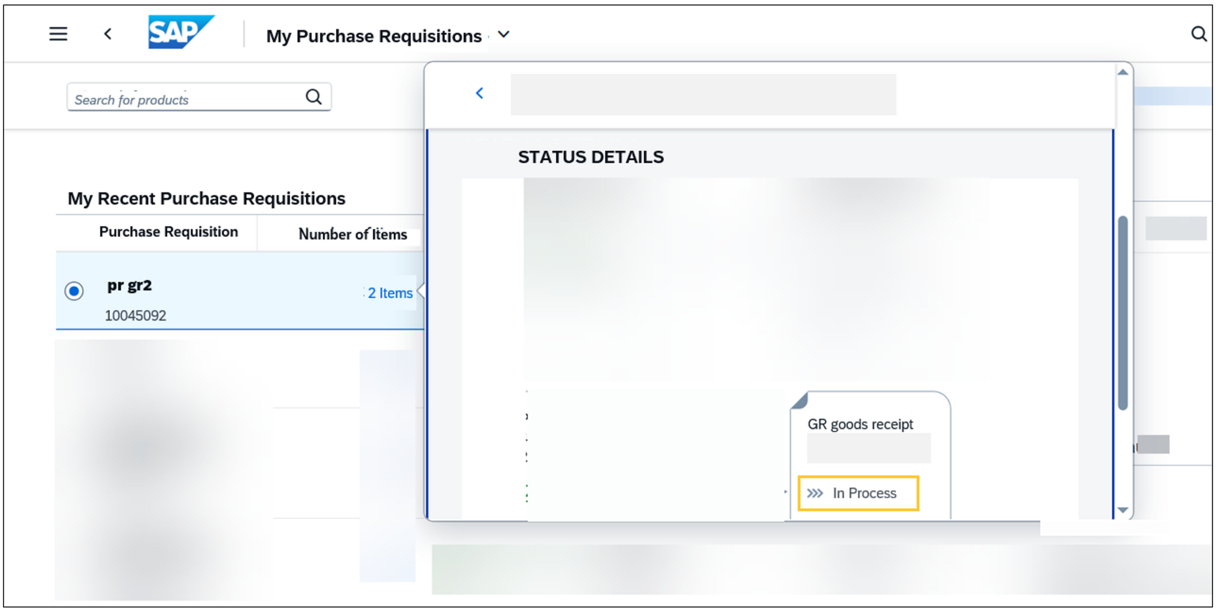
11.3.1.1 Goods Receipt Status in Purchase Requisition Status Details

Business Details

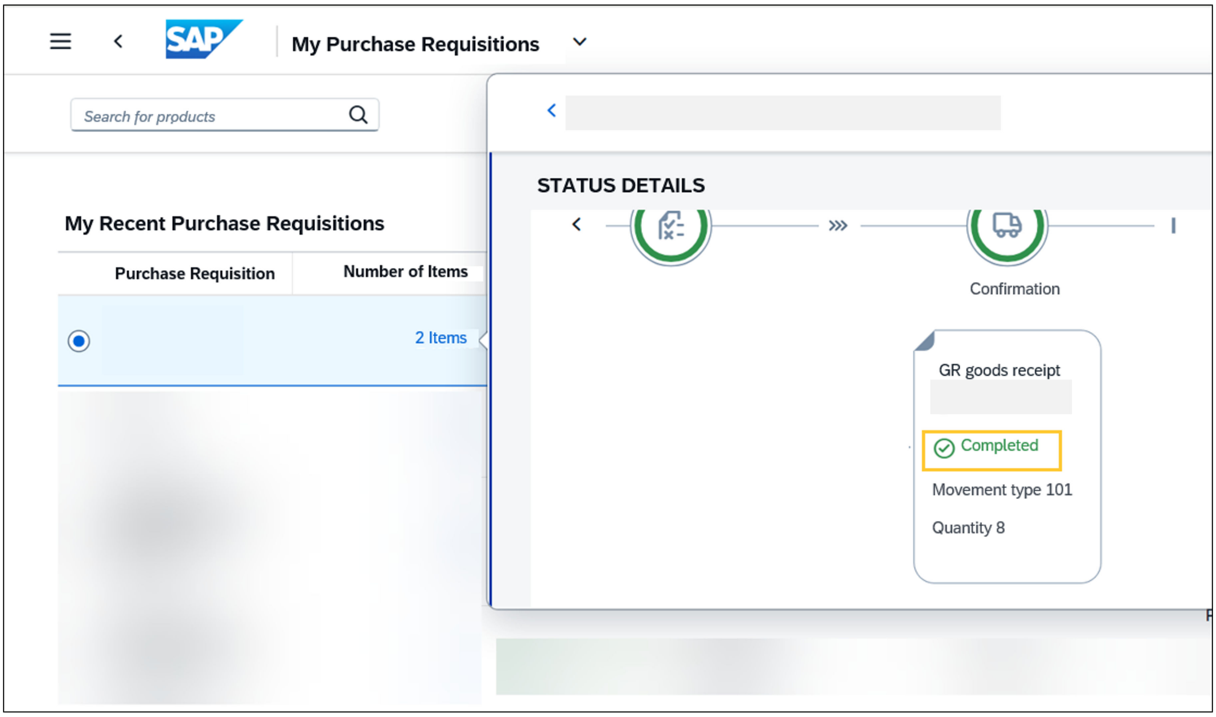
With this release, you can now view the *In Process* status of the goods receipt in the *Status Details* of a purchase requisition in the app *My Purchase Requisitions - New*.

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.



Goods Receipt - In Process



Goods Receipt - Completed

Technical Details

Type	Changed
Functional Localization	No localization

Scope Item	18J (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 FPS01

Related Information

My Purchase Requisitions - New

11.3.1.2 View Parked Invoice in the Status Details of a Purchase Requisition Item

Business Details

With this feature, in *My Purchase Requisitions – New* app, you can 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.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BMD (Purchase Contract), 18J (Requisitioning)
Technical Object Name	App ID: `F1639A`
Application Component	`MM-PUR-REQ` (*Purchase Requisitions*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

My Purchase Requisitions - New
Park Supplier Invoices

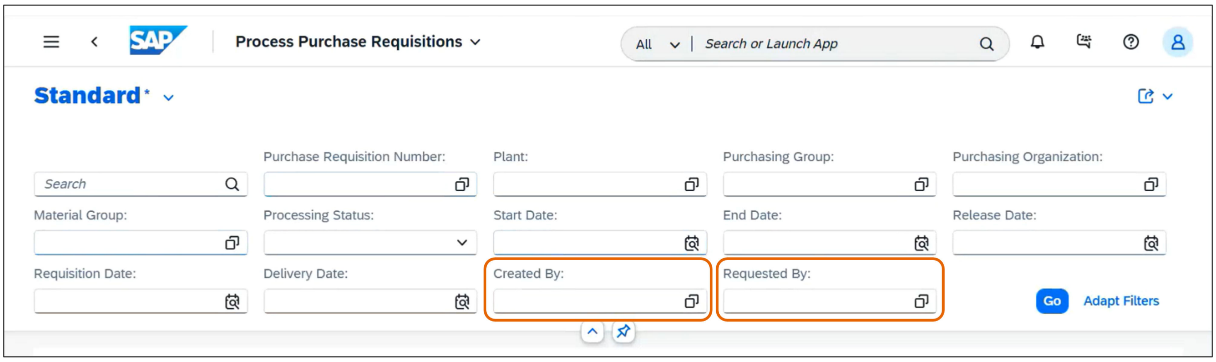
11.3.2 Requirements Processing

11.3.2.1 Display Requester Name in the Process Purchase Requisitions V2 App

Business Details

With this feature, you can now search by the name of the creator or requester. Previously, the *Requested By* filter supported searches only by personnel numbers.

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	Changed
Functional Localization	18J (Requisitioning)
Scope Item	Not applicable

Technical Object Name	App ID: `F1048A`
Application Component	`MM-PUR-REQ` (*Requirement Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Process Purchase Requisitions (V2)

11.3.2.2 Split Accounting by Amount in Professional Purchase Requisitions

Business Details

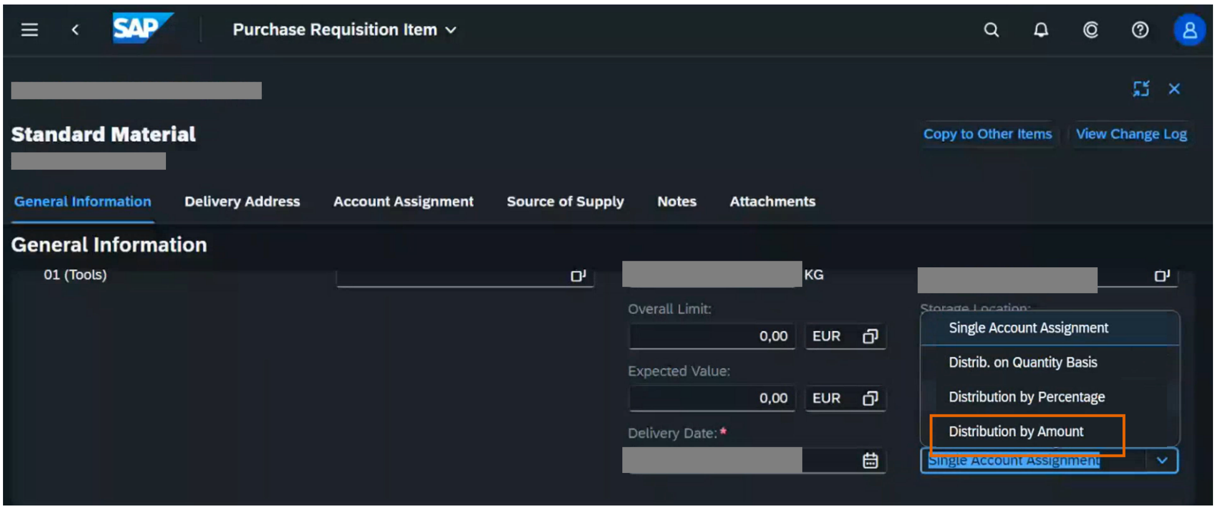
With this feature, you can now split account assignment by amount in both the **My Purchase Requisitions – New** and **Manage Purchase Requisitions – Professional** apps.

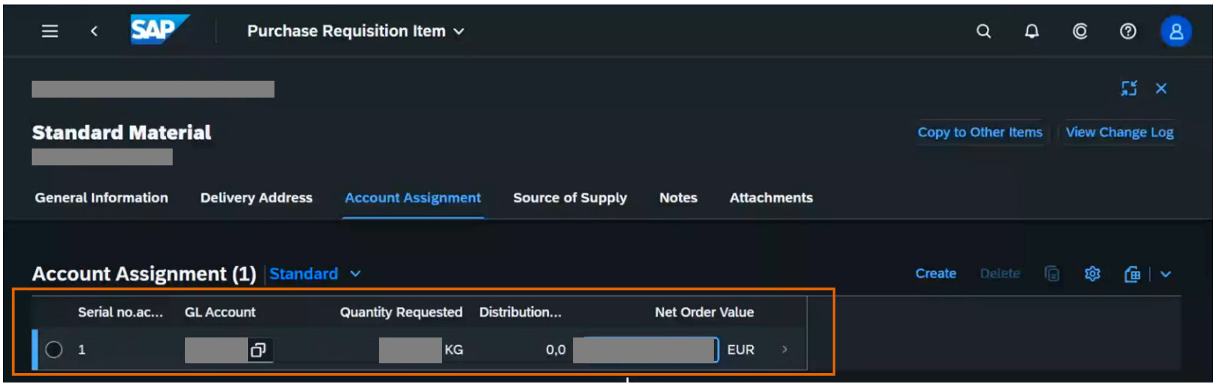
Earlier, users could split account assignments only by single account, quantity-based, and percentage-based distributions.

With this enhancement:

- The Distribution Indicator now includes **By Amount**
- When selected, the **Account Assignment** field becomes editable, allowing users to split the total amount across multiple account assignment lines.
- This makes it easier for users to distribute costs based strictly on monetary value rather than quantity or percentage.

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	Changed
Functional Localization	No localization
Scope Item	18J (Requisitioning)

Technical Object Name	App ID:
	`F2229`
	`F1639A`
	API:
	`API_PURCHASEREQUISITION_2`

Application Component	`MM-PUR-REQ` (*Purchase Requisitions*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

My Purchase Requisitions - New
Manage Purchase Requisitions - Professional

11.3.2.3 DMS Header Attachments for Purchase Requisitions

Business Details

With this release, you can now use *DMS* (Document Management Service), when *HDM* (Harmonized Document Management) is activated.

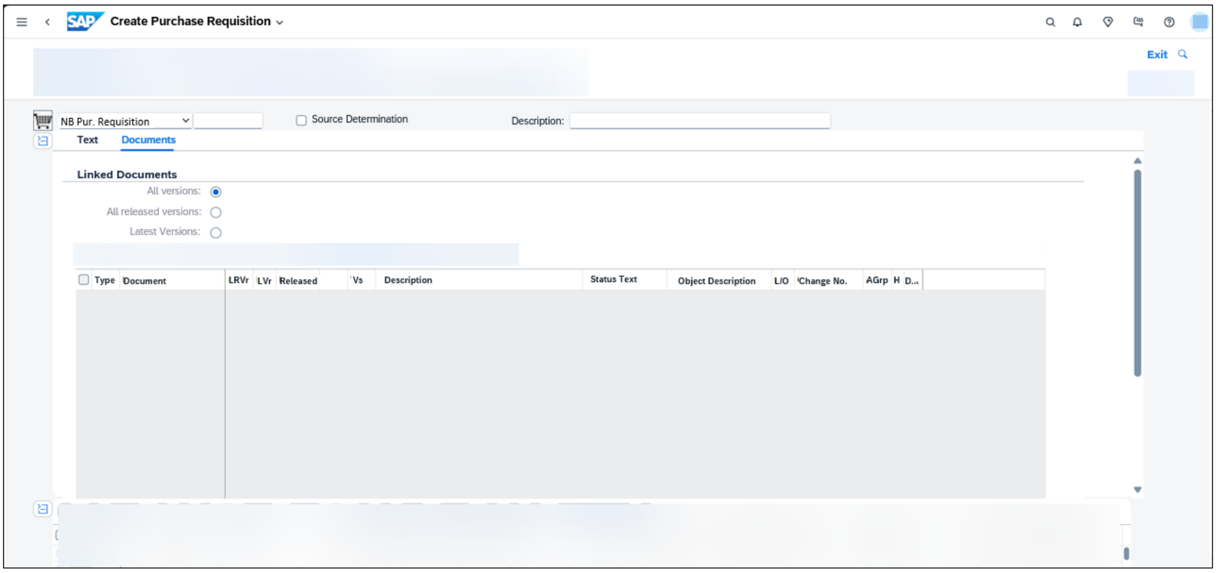
As a purchaser, in the *Create Purchase Requisition - Advanced* app, you now use the DMS attachments via the *Documents* tab.

As a purchaser, in the *Manage Purchase Requisitions - Professional* app, you now use the DMS attachments via the *Attachments* section.

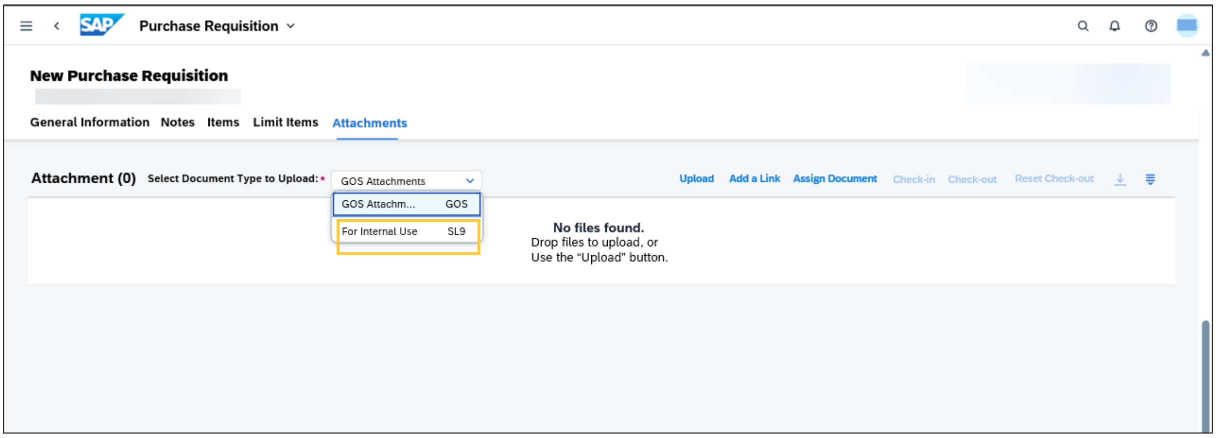
> Note
>
> The user interface in your system may vary slightly due to available configuration and extensibility options.
>
> Navigation to an External Document Management System from Attachment Service is not supported in this release. For more information about the restrictions, please refer to the SAP Note 3687095
>
> .

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.



Create Purchase Requisition - Advanced



Manage Purchase Requisitions - Professional

Implementation Details

Customizing

You can find the customizing activity **Activate HDM for Attachment Object Type** in order to configure **HDM** .

To set up this functionality, you can find the customizing activity in the *SAP Customizing Implementation Guide* section under ▶ *ABAP Platform* ▶ *Application Server* ▶ *Basis Services* ▶ *Harmonized Document Management* ▶. When activating this setting, make sure to assign a default document type; otherwise, API calls may fail.

Effects on Existing Data

When you enable the customizing activity *Activate HDM for Attachment Object Type*, ensure to set a default document type to avoid failure of the API calls.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BMD (Purchase Contract), 18J (Requisitioning)

Technical Object Name	App ID:
	`F2229`
	`ME51N`

Application Component	`MM-FIO-PUR-REQ-PRF` (*Manage Purchase Requisitions – Professional*) `MM-PUR-REQ` (*Purchase Requisitions*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Create Purchase Requisition - Advanced
Manage Purchase Requisitions - Professional

11.3.2.4 Deadline and Approval Notification via Email for Purchase Requisition Rework Workflow

Business Details

With this release, the names of the fixed supplier, supplier, purchasing organization, and purchasing group are available for use in workflow approval and deadline notification emails.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	18J (Requisitioning)

Technical Object Name	CDS View:
	`I_PurchaseRequisitionItemAPI01`
	`C_PurReqnItmWrkflwApprvlEm`
	`C_PURREQNITMWRKFLWDEADLINEEML`
	`P_PurReqItemAPIhelper`

Application Component	`MM-PUR-RFQ` (*Purchase Requisition*)
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 FPS01

Related Information

Purchase Requisition Item
Manage Workflows for Purchase Requisitions

11.3.3 Purchase Order Processing

11.3.3.1 Warning Messages for Purchase Orders with Limit Items

Business Details

When you create a purchase order with a limit item (enhanced limit) that references a contract or a contract item, the validity period of the contract and the service performance period of the limit item might not align.

This feature now enables you to check if the contract's validity period matches the service performance period of the limit items.

If these two periods are not identical, you will see the following messages:

- Performance period starts earlier (&1) than validity of contract &2 (&3).
- Performance period ends later (&1) than validity of contract &2 (&3).

> Note
>
> If there is no overlap between the contract's validity period and the service performance period of the PO limit item, the following two error messages already exist:
>
> - If the validity of the contract ends before the performance period of the limit item has started, you get the error message: The validity period of the contract &1 ends too early.
> - If the validity of the contract starts after the performance period of the limit item has ended, you get the error message: The validity period of the contract &1 starts too late.
>
> You cannot customize these two messages. They have a higher priority than the new messages.

Implementation Details

Customizing

In Customizing, you can decide if the message appears as a warning or an error.

By default, the message is classified as a warning message.

You can change the message type in Customizing under *Materials Management* > *Purchasing* > *Environment Data* > *Define Attributes of System Messages*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`ME21N`
Application Component	`MM-PUR-PO` (*Purchase Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

11.3.3.2 Purchase Order Item Conditions for Enhanced Limit Items

Business Details

If a purchase order item is an enhanced limit service item and a contract for the limit is maintained, the conditions at the purchase order item level are hidden.

During the Service Entry Sheet (SES) creation, the system uses the conditions from the contract items. Therefore, having different conditions at the Purchase Order (PO) item level is contradictory.

You can still enter conditions at the purchase order header level.

Technical Details

Type	Changed
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 FPS01

11.3.3.3 Extensibility Options for Purchase Order Account Assignment

Business Details

With this feature, you can add new custom fields to the app *Manage Purchase Orders* at the account assignment level and to the OData service *API_PurchaseOrder_2*.

Implementation Details

The related business context is `Accounting: Coding Block` (FINS_CODING_BLOCK).

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Manage Purchase Orders (F0842A)` `ODATA Service API_PurchaseOrder_2`
Application Component	`MM-PUR-PO` (*Purchase Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

11.3.3.4 New Fields in Outbound Service OrderRequestOut

Business Details

With this release, the following new fields are available in the Outbound service OrderRequestOut:

1. Purchase Order - Creator (EKKO-ERNAM)
2. Purchase Order Item - Requester (EKPO-AFNAM)

SAP S/4HANA Cloud Private Edition sends information about the creator of the purchase order and the PO requester at the item level now using these new fields.

> ⓘ Note
>
> This also applies to automatically generated purchase orders.

Technical Details

Type	Changed
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 FPS01

11.3.3.5 New Incoterm Fields for BAPIs

Business Details

The BAPIs BAPI_PO_CREATE1, BAPI_PO_CHANGE, and BAPI_PO_GETDETAIL now include new Incoterm fields. These fields allow you to create a new purchase order, update an existing purchase order, and read an existing purchase order, all while utilizing the new Incoterm fields.

The following fields are available:

INCOTERMS2_ID

INCOTERMS3_ID

INCOTERMS4_ID

INCOTERMS4_DESCR

INCOTERMS2_KEY

INCOTERMS3_KEY

INCOTERMS4_KEY

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`n/a`
Application Component	`MM-PUR-PO` (*Purchase Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

11.3.3.6 Create On-Hold Purchase Orders Using the Purchase Order (OData V4) API

Business Details

You can use the *Purchase Order (OData V4)* API to save purchase orders and return purchase orders with the status: *On Hold*. To support this, the API includes the flag: `PurchasingCompletenessStatus`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API: Purchase Order (OData V4)`
Application Component	`MM-PUR` (*Purchasing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

11.3.4 New Email Notification Templates in Workflow 'Release Purchase Scheduling Agreement'

Business Details

This feature enables you to use two new notification templates in the workflow for purchase scheduling agreements in the FIORI app *Manage Workflows for Scheduling Agreements* (F3044).

You can copy the default template and customize it to suit your needs.

> ⓘ Note
>
> Note that you can only make one copy per template.

The new templates are:

- MM_PUR_SCHD_AGRMT_APPRVD_EML
  This email notification informs the creator of the purchase scheduling agreement about the **approval** of the workflow item in the Release workflow for purchase scheduling agreements.
  To use this functionality, you need to copy the pre-delivered template into a new template named ZZ1_00800305_COMPLETE_POSITIVE. In this new template, you can modify the text according to your requirements.
- MM_PUR_SCHD_AGRMT_REJ_EMAIL
  This email notification informs the creator of the purchase scheduling agreement about the **rejection** of the workflow item in the Release workflow for purchase scheduling agreements.
  To use this functionality, you need to copy the pre-delivered template into a new template named ZZ1_00800305_COMPLETE_NEGATIVE. In this new template, you can modify the text according to your requirements.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`App ID: F3044`
Application Component	`MM-PUR-OA-WFL` (*Outline Agreement Workflow*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Flexible Workflow for Purchase Scheduling Agreements

11.3.5 International Trade Compliance Checks for Purchase Requisitions and Contracts

Business Details

International Trade compliance checks are integrated into Purchase Requisitions and Contracts.

- **Purchase Requisitions**
  Purchase requisitions must be compliant with international trade regulations. Therefore, specific International Trade Management (ITM) checks are performed when a requisition is processed with transaction ME51N or ME52N.
  If an item is not compliant, the item gets blocked for ITM (status = 6) when you save the purchase requisition. This doesn't happen during processing. The user then gets warning messages from ITM, for example, “Item 10 is blocked by Embargo Check (International Trade)”.
  In addition, the new item tab *Trade Compliance* was added in ME51N, ME52N, and ME53N to display the ITM status fields:
  - Embargo Status
  - Screening Status
  - Total Legal Control Status
- **Contracts**
  Contracts must be compliant with international trade regulations. Therefore, specific International Trade Management (ITM) checks are performed when a contract is processed with transaction ME31K or ME32K.
  If an item is not compliant, the item gets blocked and the user gets the warning message “Item &2 will be blocked by an international trade compliance issue."
  In addition, the following ITM status fields have been added to the header and item screens of the transactions ME31K, ME32K, and ME33K.
  - **Header**:
    - Total Embargo Status
    - Total Screening Status
    - Total Legal Control Status
  - **Item**:
    - Embargo Status
    - Screening Status
    - Total Legal Control Status

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`ME51N,ME52N, ME53N, ME31K, ME32K, and ME33K`
Application Component	`MM-PUR-REQ` (*Purchase Requisition*) `MM-PUR-OA-CON` (*Contract*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

11.3.6 Special Business Processes in Operational Procurement

11.3.6.1 Multistage Intercompany Stock Transfer

Business Details

The *Multistage Intercompany Stock Transfer* process enables two or more affiliated companies running in the same system to participate in a single intercompany process.

The receiving company buys the goods directly from the delivering company or from one or more affiliated companies that act as intermediate companies. The goods are then delivered by the delivering company that has the goods in stock. A drop shipment occurs in which the goods are delivered directly from the stocked plant in the delivering company to that of the receiving company.

With the *Multistage Intercompany Stock Transfer* process, the system creates the following additional business documents:

- Stock Transport Order and Purchase Order are created in the receiving company.
- Purchase Order is created in the intermediate company or companies.
- Sales orders are created in the intermediate company or companies and in the delivering company.

For the transfer of control of goods between the affiliated companies and to the receiving company, this process uses Valuated Stock in Transit (VSiT).

To support valuated stock in transit in this process, a transit plant (virtual) is introduced at each company involved in the goods movement, including the intermediate company or companies. To orchestrate and monitor each process step, this process makes use of the *Monitor Value Chains* app.

In contrast to intercompany stock transfer , multistage intercompany stock transfer introduces additional documents to support the process.

Receiving Company

- Stock Transport Order
- Intercompany Purchase Order
- Intercompany Supplier Invoice
- Inbound Delivery
- Stock Transfer into valuated stock in transit
- Stock Transfer from valuated stock in transit into unrestricted stock

Intermediate Company

- Intercompany purchase order
- Intercompany sales order
- Intercompany supplier invoice
- Intercompany customer invoice
- Stock transfer out of valuated stock in transit
- Stock transfer into valuated storage location

Delivering Company

- Intercompany sales order
- Intercompany customer invoice
- Outbound delivery
- Stock transfer into valuated stock in transit

The process consists of the following main steps:

- Processing stock transfer order
- Processing intercompany purchase order (automatically executed)
- Processing intercompany sales order (automatically executed)
- Processing outbound delivery
- Processing goods movement with valuated stock (in transit)
- Processing inbound delivery
- Billing with intercompany customer invoices
- Invoice verification based on intercompany supplier invoice

Implementation Details

You can set up your system for the *Multistage Intercompany Stock Transfer* process either by executing all the steps in the configuration guide attached to the SAP Note 3700093 or by activating the process with scope item *7YZ* in your content-based system. Even when using a content-based system, executing the setup guide remains necessary to ensure that all required configuration settings and master data have been completed and created, respectively.

> ⓘ Note
>
> This feature works only when the **VALUE_CHAIN_ANALYSIS** business function is enabled. Once activated, the Value Chain Types in the **MIST (Multistage Intercompany Stock Transfer)** Value Chain category become available in the business configuration.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7YZ (Multistage Intercompany Stock Transfer)
Technical Object Name	`Not applicable`
Application Component	`MM-IV-LIV-IC` (*Intercompany Processes*) and `MM-PUR-PO-IC` (*Purchase Orders Intercompany Processes*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Multistage Intercompany Stock Transfer

11.3.7 Service Entry Sheets (SES)

11.3.7.1 HDM Adoption and Enablement of Attachments in v4 API for SES

Business Details

With this feature, you can now use the Document Management Service (DMS) when HDM (Harmonized Document Management) is activated.

This capability standardizes attachment handling through the harmonized document type. To work with attachments in Service Entry Sheets (SES), call the V4 API **API_SERVICEENTRYSHEET** and use the corresponding **Operations for Attachment Service** option.

> ⓘ Note
>
> The user interface in your system may vary slightly due to available configuration and extensibility options.
>
> Navigation to an External Document Management System from Attachment Service is not supported in this release.

Implementation Details

Customizing

You can find the customizing activity **Activate HDM for Attachment Object Type** in order to configure **HDM** .

To set up this functionality, you can find the customizing activity in the *SAP Customizing Implementation Guide* section under *ABAP Platform* > *Application Server* > *Basis Services* > *Harmonized Document Management*. When activating this setting, make sure to assign a default document type; otherwise, API calls may fail.

Technical Details

Type	Change
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2027` API: `API_SERVICEENTRYSHEET`
Application Component	`MM-PUR-SVC-SES` (*Service Entry Sheets*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Operations for Attachment Service
Service Entry Sheet

11.3.7.2 Price Determination Based on Performance Period Dates in SES

Business Details

With this feature, you can specify whether the price in the Service Entry Sheet (SES) is determined based on the selected date type. The system automatically retrieves the corresponding price from the time-dependent pricing conditions defined in the purchase contract. However, If you have not configured any settings, the system's current behavior will remain unchanged, but if a setting is maintained, the price will be determined based on that setting.

> **Note**
>
> This feature is valid only for the Enhanced Limit Item with reference to the contract.

The following are the SES determination options:

- Existing Price Determination Data Control : Uses the existing behavior, in which the Purchasing Document Date determines the price.
- Start of Performance Period : The service performance period start date will be used for price determination.
- End of Performance Period : The end date of the service performance period will be used for price determination.

> **Example**
>
> For example, a service may be priced at 2 EUR for the validity period from 20 September 2025 to 20 December 2025, with the price increasing to 5 EUR from 2026 onward. When an SES is created, the system checks the service performance date and selects the price valid for that period.
>
> Therefore, if the performance date falls within the first validity range, the system applies the 2 EUR rate, while services performed in 2026 are correctly assigned the updated 5 EUR.

Implementation Details

Customizing

You can find the Customizing Activity **Configure Service Entry Sheet Price Determination** to specify how the price in the SES should be determined based on the chosen date type. The system will automatically pick the correct price from the time dependent conditions maintained in the purchase contract.

To set up this functionality, you can find the Customizing activity in the **Materials Management** section under *Purchasing* > *Service Entry Sheet - Lean Services* > *Configure Service Entry Sheet Price Determination*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`App ID: F2027` (Manage Service Entry Sheets - Lean Services)

Application Component	`MM-PUR-SVC-SES` (*Service Entry Sheets*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Service Entry Sheets - Lean Services

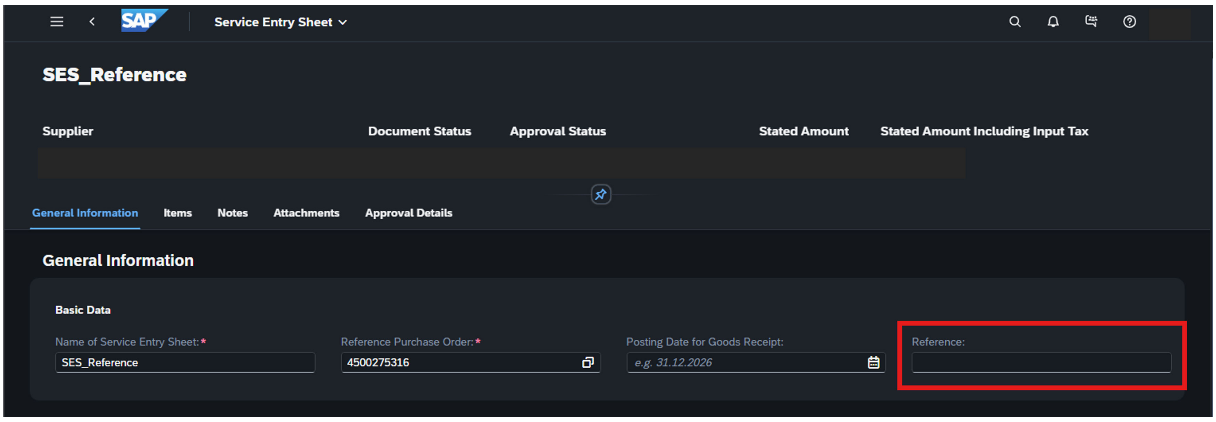
11.3.7.3 Enable Reference Fields in Manage SES

Business Details

This feature enables you to use the **Reference** field, which now appears at both the header level and the item level under the General Information tab.

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	Not applicable
Technical Object Name	`App ID: F2027` (Manage Service Entry Sheets - Lean Services)
Application Component	`MM-PUR-SVC-SES` (*Service Entry Sheets*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Service Entry Sheets - Lean Services

11.3.7.4 Allow Price Changes in SES for Limit Items with Contract

Business Details

With this feature, you can override the Purchase Order (PO) price and enter the actual service price directly in the Service Entry Sheet (SES), even if the service cost differs from the amount originally specified in the PO. This is especially useful for enhanced limit items in contract, where the PO generally includes only an expected value and an overall limit, while actual service prices may vary due to longer service duration, seasonal changes, overtime, or other variable cost factors. In order to enable this functionality, the check box needs to checked in PO.

Implementation Details

Customizing

You can find the Customizing Activity **Price Change in SES** to enable the field in screen layout. To set up this functionality, you can find the Customizing Activity in the *OLME* section under *Purchase Order* > *Define Screen Layout at Document Level.*.

Within the Selection Group, select the relevant fields, choose GR/IR Control option, and check the box labeled **Price Change in SES.**

A price tolerance must be maintained for the company code of the PO header using tolerance key **PE**. To set up this functionality, you can find the Customizing Activity in the *OLME* section under *Purchase Order* > *Set Tolerance Limits for Price Variance*

> ⓘ Note
>
> This functionality is available only for enhanced limit items that have a contract reference. After the required Customizing is activated and the PO is properly configured, the user can update the price directly in the SES.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`App ID: F2027` (Manage Service Entry Sheets - Lean Services)
Application Component	`MM-PUR-SVC-SES` (*Service Entry Sheets*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Pricing in Manage Service Entry Sheets - Lean Services

11.4 Central Procurement

11.4.1 Central Requisitioning

11.4.1.1 Support Contract for Limit and Contract Item Reference in the My Purchase Requisitions (New) App

Business Details

With this feature, you can create a central purchase requisition with a limit item for product type 'Service' and assign both a Contract for Limit and a Contract Item Reference.

Contract for Limit refers to a purchase contract in the connected system that has a line item for the product type 'Service'. Contract Item Reference refers to that specific line item of product type 'Service' belonging to the Contract for Limit.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	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 FPS01

Related Information

My Purchase Requisitions - New

11.4.1.2 Support Contract for Limit and Contract Item Reference in the Purchase Requisition OData V4 API

Business Details

With this feature, the 3EN scenario is extended to support **Contract for Limit** and **Contract Item Reference** for a limit item with product type 'Service'. Contract for Limit refers to a purchase contract in the connected system that has a line item for the product type 'Service'. Contract Item Reference refers to that specific line item of product type 'Service' belonging to the Contract for Limit.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1XI (Central Requisitioning)
Technical Object Name	API: `PurContractItemForOverallLimit` 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 FPS01

11.4.2 Central Purchasing

11.4.2.1 Addition of Contract for Limit and Contract Item Reference in the Process Purchase Requisitions Centrally and Manage Purchase Orders Centrally Apps

Business Details

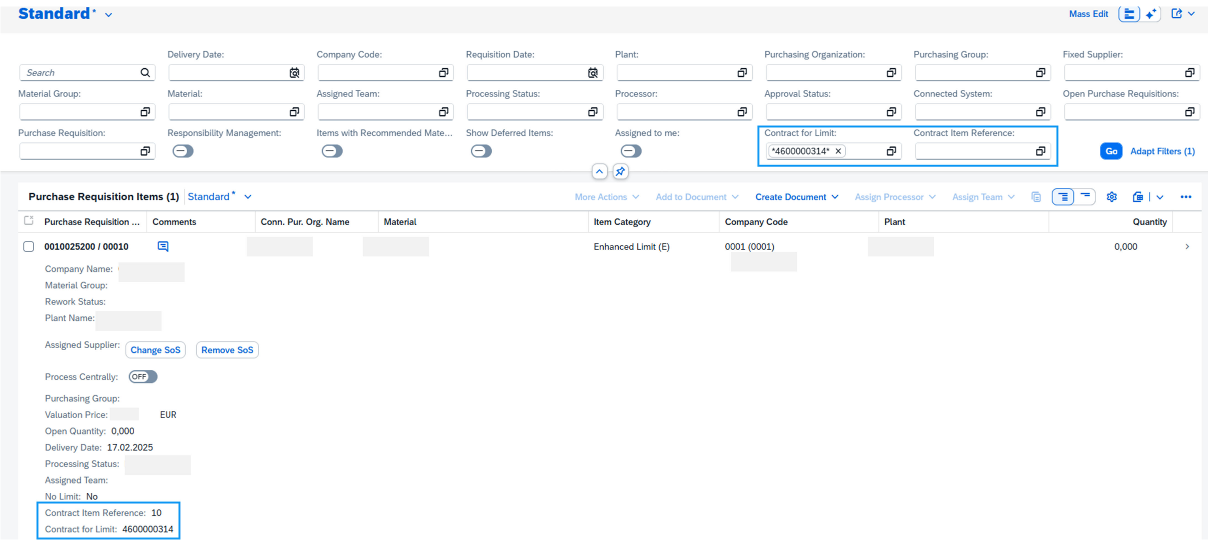
With this release, the fields *Contract for Limit* and *Contract Item Reference* are now available in the *Process Purchase Requisitions Centrally* and *Manage Purchase Orders Centrally* apps.

Contract for Limit refers to a purchase contract in the connected system that has a line item for the product type 'Service'. Contract Item Reference refers to that specific line item of product type 'Service' belonging to the Contract for Limit.

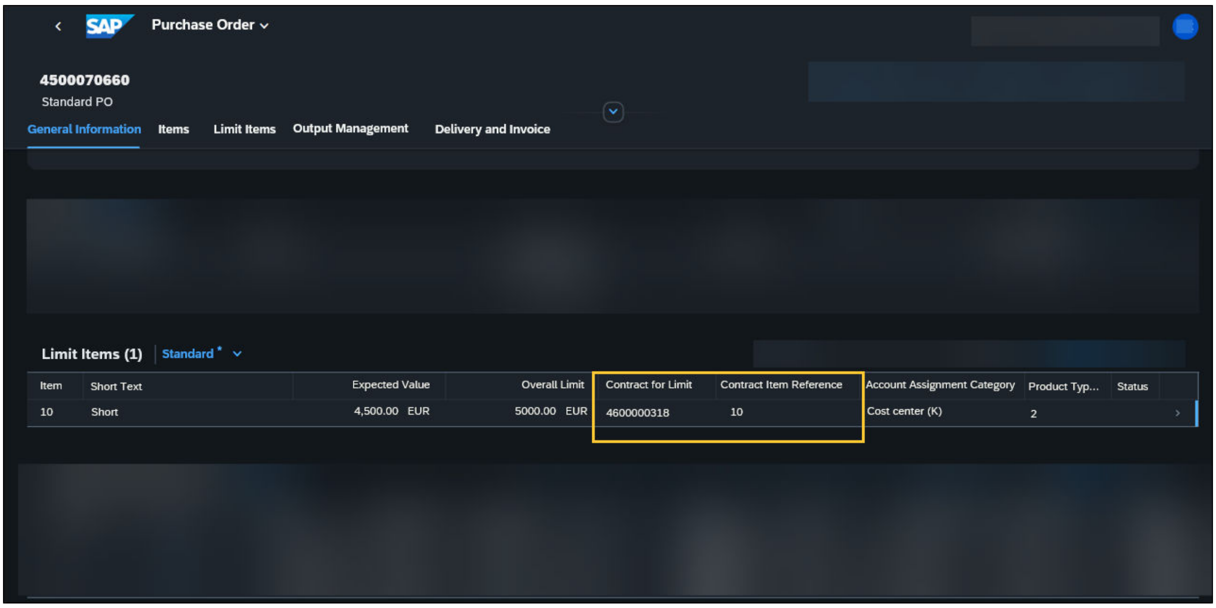
Examples of the User Interface

> ⓘ 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.

Process Purchase Requisitions Centrally



Manage Purchase Orders Centrally



Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2XT (Central Purchasing)

Technical Object Name	App ID:
	`F3290`
	`F3292`

Application Component	`MM-PUR-HUB-PR` (*Processing Purchase Requisitions Centrally*) `MM-PUR-HUB-PO` (*Centrally Managed Purchase Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Process Purchase Requisitions Centrally
Manage Purchase Orders Centrally

11.4.3 Central Purchase Contracts

11.4.3.1 Mass Changes to Distributed Purchase Outline Agreements

Business Details

With this release, you can make mass changes for specific fields, which are configured for editability at the item level of distributed purchase outline agreements purchase contracts and purchase scheduling agreements) in their connected systems, using SAP GUI for HTML applications **Mass Changing of Scheduling Agreements** (transaction code: `MEMASSSA`) and **Mass Changing of Contracts** (transaction code: `MEMASSCONTRACT`).

This feature allows you to directly edit the distributed documents within their connected systems instead of editing and redistributing the central purchase contract or central purchase contract hierarchy from the hub system. If you redistribute a central purchase contract or a central purchase contract hierarchy whose distributed purchase outline agreements are modified using this feature, then it overwrites the modified values of the distributed documents.

Implementation Details

Customizing

You can use the activity *Maintain Fields for Editability of Purchase Outline Agreements* under *Central Procurement – Settings in Hub System* in your configuration environment to enable the editability of specific fields in distributed purchase contracts and purchase scheduling agreements in specified connected systems.

After adding the Customizing activity *Maintain Fields for Editability of Purchase Outline Agreements*, schedule the job using the Fiori app *Schedule Replication of Config Data to Connected System* to populate the relevant tables in the connected systems with the configuration data

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2ME (Central Purchase Contracts)
Technical Object Name	Transaction Code: • `ME32L` • `ME32K` • `MEMASSSA` • `MEMASSCONTRACT`
Application Component	`MM-PUR-HUB-CTR` (*Central Purchase Contracts*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Central Purchase Contracts
Editability of Distributed Purchase Outline Agreements in Connected Systems

11.4.3.2 Support Storage Location Change in the Distributed Outline Agreement when Part of Custom Split Criteria

Business Details

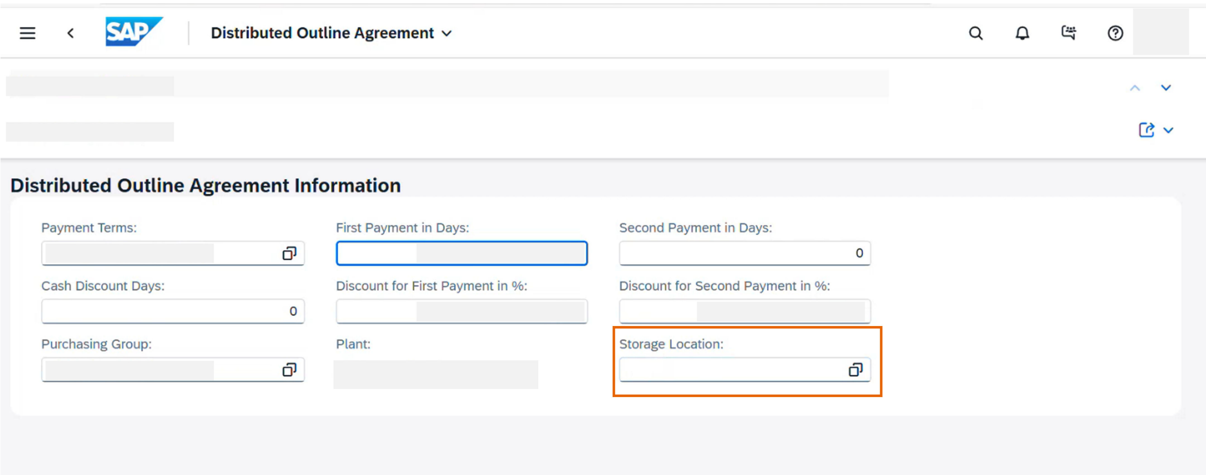
With this feature, you can view the plant and storage location in the Distributed Outline Agreement facet of **Manage Central Purchase Contracts** app. These fields appear if they are set up as custom split criteria in Customizing.

The Plant field is display-only, while the Storage Location field is editable. When you change the Storage Location, only the item distribution is updated; the header distribution remains unchanged.

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	Changed
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 FPS01

Related Information

Custom Split Criteria - Central Purchase Contract

11.4.3.3 Support Change of Purchasing Group in the Distributed Outline Agreement

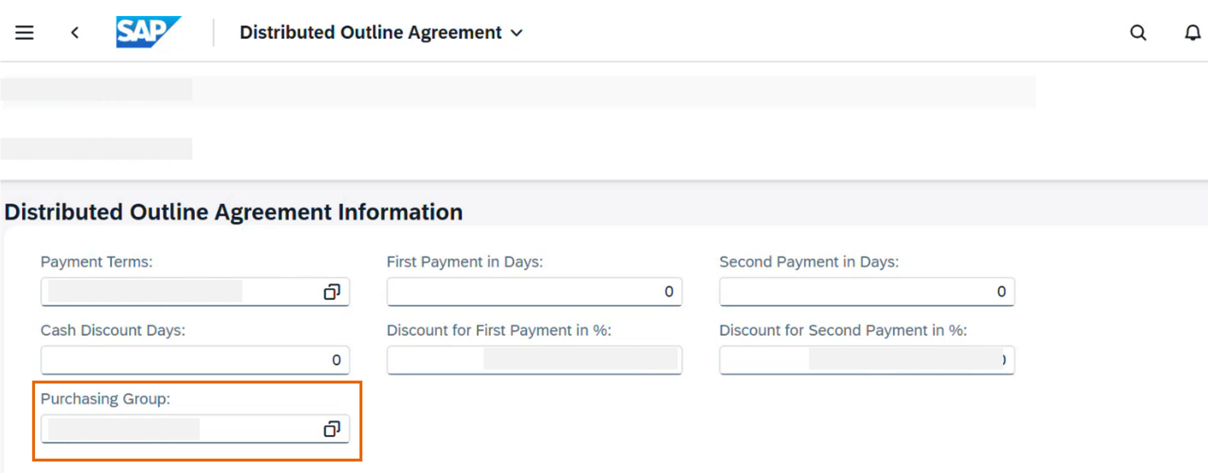
Business Details

This feature enables you to edit the **Purchasing Group** field in the Distributed Outline Agreement facet after successful distribution.

When you change the Purchasing Organization, only the item distribution is updated; the header distribution remains unchanged.

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	Changed
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 FPS01

Related Information

Custom Split Criteria - Central Purchase Contract

11.4.3.4 Support for Partner Function as a Custom Split Criteria in Distributed Outline Agreements for Central Purchase Contracts

Business Details

With this feature, you can configure **Partner Function** as an additional split criteria for distributing central purchase contracts. When Partner Function is selected, the system considers the Partner Function together with the partner combination while splitting the central purchase contract into outline agreement in connected systems.

During the split process, the system evaluates the standard split criteria and any configured custom criteria, such as Plant, Storage Location, Partner Function, or other custom fields. A split occurs only when at least one of these criteria differs across the distributions, ensuring that the contract is correctly split into separate outline agreement'.

> ⓘ Note
>
> The Partner Function is valid for both **Header Distribution** and **Item Level Distribution** .

Implementation Details

Customizing

You can find the Customizing Activity **Define Custom Split Criteria for Distribution of Central Contracts** to configure Partner Function as an additional split criteria for distribution in central purchase contracts.

To set up this functionality, you can find the Customizing activity in the *Materials Management* section under *Purchasing* > *Central Procurement – Settings in Hub System* > *Central Purchase Contracts* > *Define Custom Split Criteria for Distribution of Central Contracts*.

Technical Details

Type	Changed
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 FPS01

Related Information

Custom Split Criteria - Central Purchase Contract
Central Purchase Contract

11.4.3.5 Distribution Not In-Sync Indicator in the Item Distribution Facet

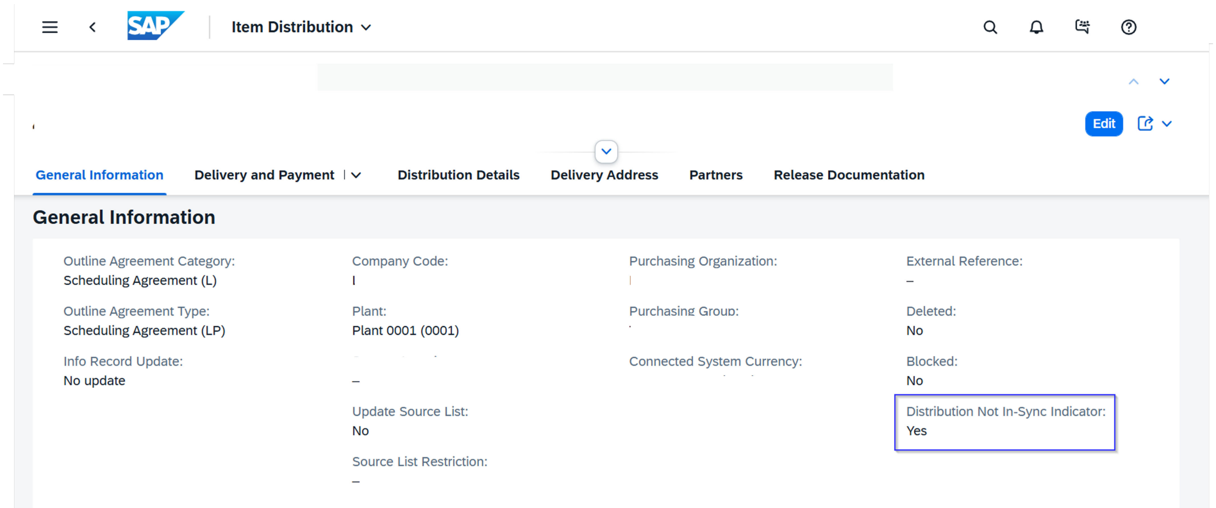
Business Details

This feature enables you to identify when the item distribution of a Distributed Outline Agreement no longer aligns with the referenced header distribution after changes are made and released. The status is indicated by the **Distribution Not In-Sync Indicator** field in the Item Distribution UI facet and is shown only for item distributions that reference a header distribution.

> ⓘ Note
>
> SAP Note 3699854 is required to ensure that this indicator is hidden for item distributions that lack reference header distributions.

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	Changed
Functional Localization	No localization
Scope Item	2ME (Central Purchase Contract)
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 FPS01

Related Information

[Custom Split Criteria - Central Purchase Contract](#)

11.5 Workflow Assistant for Procurement

11.5.1 Workflow Assistant for Purchasers

Business Details

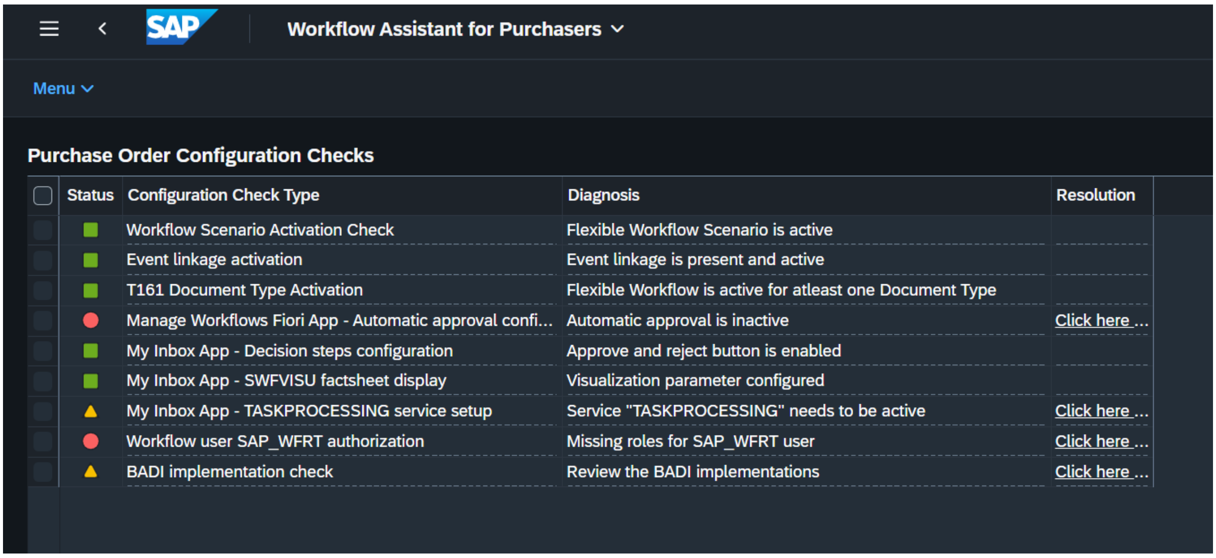
This feature enables you to diagnose and view flexible workflow–related configuration issues and erroneous documents that are stuck in approval, and provides suggestions to resolve them. The supported business objects include Purchase Orders and Purchase Requisitions (approval at the overall and item levels).

The provided suggestions help purchasers inform relevant stakeholders of required configuration changes and allow workflow administrators to restart the failed approval step for erroneous documents stuck in the approval process.

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.

Workflow Assistant for Purchasers: Configuration Check



Implementation Details

Authorizations

The application can be accessed only by users who are assigned the business role **SAP_BR_PURCHASER**.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App Name: **Workflow Assistant for Purchasers**
Application Component	`MM-PUR-GF-REL` (*Release (Approval)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Workflow Assistant for Procurement
Workflow Assistant for Purchasers

11.5.2 Workflow Assistant for Central Purchasers

Business Details

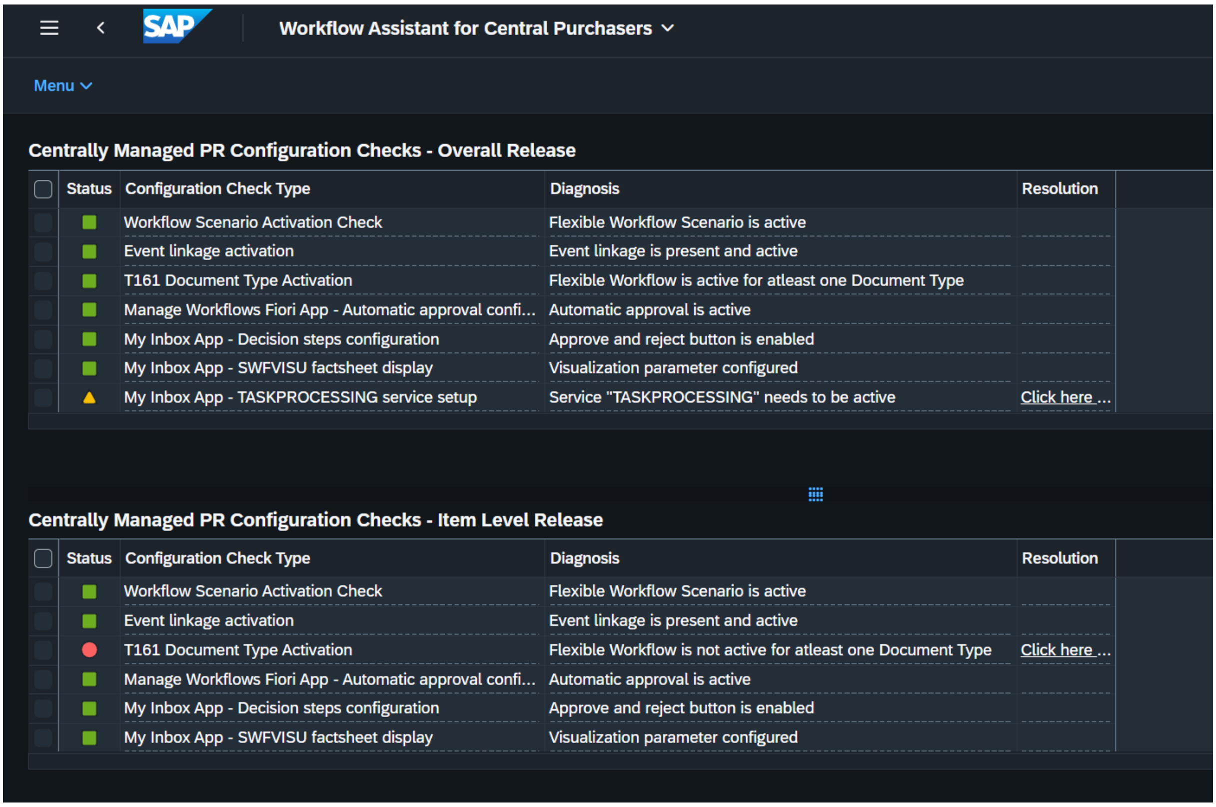
This feature enables you to diagnose and view flexible workflow–related configuration issues and documents that are stuck in approval, and provides suggestions to resolve them. The supported business objects include Centrally Managed Purchase Requisitions (overall and item-level approvals) and Purchase Orders that require central approval after being extracted from a connected system to the central (HUB) system.

The provided suggestions help central purchasers inform relevant stakeholders of required configuration changes and allow workflow administrators to restart the failed approval step for erroneous documents stuck in the approval process.

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.

Workflow Assistant for Central Purchasers : Configuration Checks



Implementation Details

Authorizations

The application can be accessed only by users who are assigned the business role SAP_BR_CENTRAL_PURCHASER .

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not Applicable
Technical Object Name	App Name: **Workflow Assistant for Central Purchasers**
Application Component	`MM-PUR-GF-REL` (*Release (Approval)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Workflow Assistant for Central Purchasers
Workflow Assistant for Procurement

11.5.3 Workflow Assistant for Procurement (Workflow Admin)

Business Details

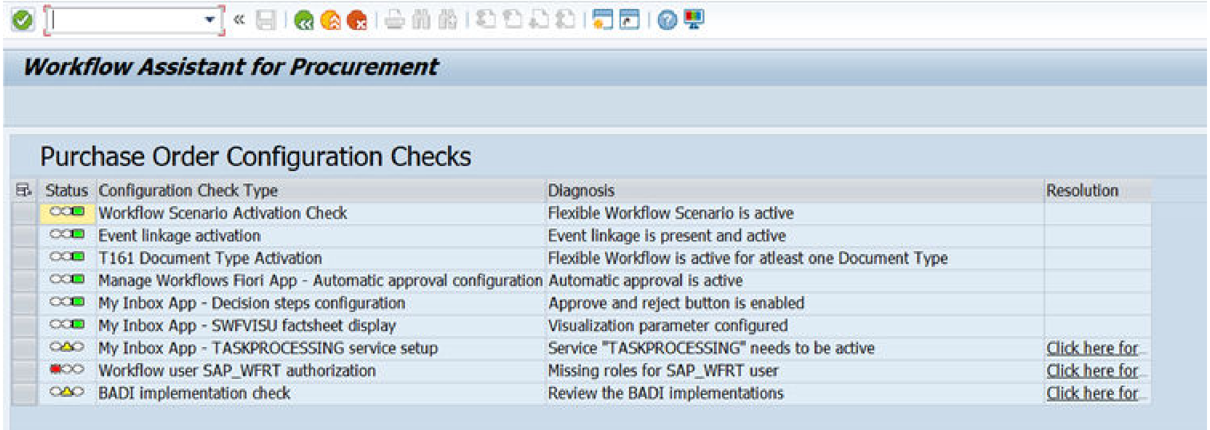
This feature enables you to identify and view flexible workflow–related configuration issues and documents stuck in approval, along with providing suggestions to resolve them. It supports Purchase Orders and Purchase Requisitions (overall and item-level approvals), as well as Centrally Managed Purchase Requisitions (Overall and item-level approvals) and Purchase Orders extracted from connected systems to the central (HUB) system for approval.

You can resolve documents stuck in approval by restarting the failed step in workflow.

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.

Workflow Assistant for Procurement - Configuration Checks



Workflow Assistant for Procurement - Document Checks

Implementation Details

Authorizations

To access the application, you must be assigned the workflow administrator role and have the authorization object **S_WF_ADM** with **ACTVT = '16'** and **WF_GROUP = 'ADMIN'** .

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	GUI T-Code: `MMPURWFAD`
Application Component	`MM-PUR-GF-REL` (*Release (Approval)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Workflow Assistant for Procurement (Workflow Admin)
Workflow Assistant for Procurement

11.6 Invoice Management

11.6.1 What's New for Supplier Invoice

Business Details

The following new features are available for the Supplier Invoice:

- **Invoice Simulation Results in BAPI_INCOMINGINVOICE_CREATE1**
  When you trigger the invoice posting simulation in BAPI_INCOMINGINVOICE_CREATE1, the system displays the simulation results of postings into accounting in a new table.
- **Performance Period has been added to *Create Supplier Invoice* BAPI**
  The performance period start date and end date are now included in the BAPI structure for item data and accounting data. These new fields are passed to the invoice creation function. This applies to supplier invoices with either a single account assignment or multiple account assignments.
- **BAdI Enhancement for invoice posting status in B2B Invoice Creation**
  With the new interface parameter CV_RBSTAT_NEW of BAdI LOG_EDI_MM_INVOICE_EXT, customers can now create supplier invoices via the service Supplier Invoice - Create (B2B, Inbound, Asynchronous) (InvoiceRequest_In) in status *Parked* or *Saved As Complete*.
  When the parameter CV_RBSTAT_NEW is set to *Parked*, the invoice will be parked.
  When the parameter CV_RBSTAT_NEW is set to *Saved As Complete*, the invoice will be saved as completed.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`MM-IV` (*Invoice Verification*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

11.6.2 Direct Posting of Electronically Received Supplier Invoices with SAP Document and Reporting Compliance, Cloud Edition

Business Details

This feature allows you to process electronic supplier invoices for German e-invoices directly within the existing *Logistics Invoice Verification* application. This is possible if you use SAP Document and Reporting Compliance, cloud edition.

When you receive an invoice, the system determines the suppliers and tax codes. In addition to posting the invoice, it attaches the received documents to the supplier invoices. This allows you to view them again at any time.

If the direct posting of supplier invoices is not possible, the documents will be created as held documents.

Additionally, invoice documents (XML and PDF) will be automatically attached to the supplier invoices.

If you receive the invoice by email using SAP Document and Reporting Compliance, cloud edition, the system also attaches the email and all other included attachments to the supplier invoice.

In addition, the functionality works with the various input channels offered by SAP Document and Reporting Compliance, cloud edition: upload, email, or electronic networks.

Supplier invoices created with SAP Document and Reporting Compliance, cloud edition, receive a new invoice type. This new type allows you to search for them in transaction MIR6 (Invoice Overview).

Implementation Details

This functionality supports the file formats ZUGFERD and xRechnung, and the file structures UBL and CII.

Customizing

- To activate this functionality, you need the BAdI implementation MM_IV_EDOC_CONNECTOR. This BAdI implementation is delivered as active by default.
  In this BAdI implementation, the incoming solution EDOC_INV has been defined for the supplier invoice edocument.
  You need to enter this solution in Customizing and assign it to the different processes.
  For information on how to integrate SAP Document and Reporting Compliance, cloud edition, with SAP S/4HANA and SAP S/4HANA Cloud Private Edition, see Integrating Peppol Exchange with SAP S/4HANA or SAP S/4HANA Cloud Private Edition.
- For assigning tax codes and program parameters, you use the existing Customizing activities for SOAP services:

See *Customizing* > *Logistics Invoice Verification* > *Electronic Data Interchange (EDI)* > *SOAP services* >
  - Assign Tax Codes for the Transfer of Supplier Invoices
  - Configure Program Parameters
  - Assign Program Parameters
- With the following Business Add-Ins (BadIs) you can further refine the mapping:
  - MM_IV_CII_MAPPING: You can use this BAdI to map incoming electronic invoices in CII (cross-industry invoice) format to correspond to the standard in the S/4HANA system.
  - MM_IV_UBL_MAPPING: You can use this BAdI to map incoming electronic invoices in UBL (Universal Business Language) format to correspond to the standard in the S/4HANA system.
  - MM_IV_EDOC_INVOICE_EXT: You can use this BAdI to map incoming electronic invoices to correspond to the standard in the S/4HANA system.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`MM-IV-LIV` (*Logistics Invoice Verification*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

11.6.3 VAT ID Included in SOAP service 'SupplierInvoiceS4Request_In'

Business Details

The VAT ID (VAT Registration Number) of the supplier is now included in the service *SupplierInvoiceS4Request_In*. This VAT ID can now be displayed in transaction MIRO and in the Fiori app *Manage Supplier Invoices*.

Changes to the User Interface

- In the *Manage Supplier Invoices* app, you find the VAT ID in the *General Information* section under *Show More*.
- In transaction MIR4, you find the VAT ID under *Details*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F0859` MIR4
Application Component	`MM-IV` (*Invoice Verification*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

11.7 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 Handling Unit Management

12.1.1.1 Enable Extensibility for Packing Instruction Header through SAP GUI and Odata API

Business Details

The packing instruction transactions POP1/POP2/POP3 and existing Packing Instruction API are enabled for key user extensibility.

Implementation Details

User can create custom fields for packing instruction table PACKKP using business context PACKINGINSTRUCTION via Key user extensibility.

- Created fields can be managed via SAP GUI transactions POP1/POP2/POP3
- Created fields can be managed via OData API API_PACKINGINSTRUCTION

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	**API_PACKINGINSTRUCTION**
Application Component	**LO-HU-API**
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Valid as Of	2025 FPS01

Related Information:

Packing Instruction

12.1.1.2 Enabling Handling Unit API to post Auxiliary Packaging Material

Business Details

The existing handling unit API is enabled to post Auxiliary Packaging Material.

Implementation Details

Handling Unit OData API features:

- Creation of Handling Unit with Auxiliary Packaging Material
- Creation of Nested Handling Unit with Auxiliary Packaging Material
- Deleting Handling Units with Auxiliary Packaging material
- Reading Handling Unit with Auxiliary Packaging Material

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 FPS01

Related Information

Create Handling Units

12.2 Inventory

12.2.1 Prevention of Goods Receipt Posting for Purchase Order Items with 'Delivery Completed' Indicator Set

Business Details

With this feature, you can now prevent the posting of goods receipts for purchase order items marked with the 'Delivery Completed' indicator (field `ELIKZ`). When you try to post a goods receipt for such items, a customizable message appears. If the message category is set to 'Error Message', the system stops the goods receipt posting for items with the 'Delivery Completed' indicator (field `ELIKZ`) set. This feature helps ensure that no further goods receipts are posted for completed purchase order items, maintaining accurate inventory records.

You can configure the message displayed when a goods receipt is attempted for a purchase order item with the 'Delivery Completed' indicator set. A new message (message class: M7, message number: 506) has been introduced in the customizing table `T160M` to support this feature. The message category can be 'No Message', 'Information', 'Warning', and 'Error Message', with the default setting being 'No Message'. If you want to prevent the system from posting goods receipts for purchase order items marked with the 'Delivery Completed' indicator, set the message category to 'Error Message'.

The following business scenarios are outside the scope of this feature because of their functional nature or stock movement direction:

- Reversal scenarios: For example, a goods receipt is initially performed for an inbound delivery. The inbound delivery is then reversed using `VL09` (goods issue).
- Cancellations of goods receipt: A goods receipt is initially performed for a purchase order item, and this goods receipt is canceled (goods issue). Note: If the canceled goods receipt is canceled again, it becomes a goods receipt, and this scenario is in scope.
- Return delivery: Return deliveries are part of the goods issue process.
- Stock transfer scenarios including Advanced Intercompany Stock Transfer and Multistage Intercompany Stock Transfer.
- Return purchase orders: These are purchase orders with items explicitly marked as 'Return Items'.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	T160M
Application Component	MM-IM-GR (*Goods Receipt*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

12.2.2 Support for Multistage Intercompany Sales and Stock Transfer Processes in Inventory Management

Business Details

With this release, Inventory Management (MM-IM) now supports the goods issue and goods receipt processes in multistage intercompany sales and stock transfer scenarios. The Customizing activity *Assign Movement Types to Value Chain Process Steps* has been enhanced to support multistage intercompany sales and stock transfer. There are dedicated movement types for multistage intercompany sales and stock transfer scenarios. You can also customize the movement types and the system supports the goods issue and goods receipt processes for these movement types.

The system now allows temporary negative Valuated Stock in Transit in the receiving plant when goods transfer occurs before goods receipt. This supports the multistage intercompany stock transfer scenario where inbound delivery is confirmed before intermediate steps are completed, enabling uninterrupted operations while maintaining inventory integrity.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	MM-IM (*Inventory Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

ⓘ Note

If the predecessor posting (which posts the stock to Valuated Blocked stock) fails for any reason, it results in a discrepancy between the accounting view and the logistics view of inventory. Additionally, such a failure can impact the valuation of Moving Average (V) price materials. Therefore, you should use this feature carefully.

Related Information

Multistage Intercompany Sales [page 385]
Multistage Intercompany Stock Transfer [page 457]

12.2.3 Warehouse Handling Unit field in Material Documents Overview

App ID: F1077

Business Details

With this release, the *Warehouse Handling Unit* field is now available in the app *Material Documents Overview* (App ID: F1077). Some objects have been enhanced to support the persistence of Warehouse Handling Unit Identifiers in the Material Document. This enhancement enables the system to store Handling Unit information received from Extended Warehouse Management (EWM).

Technical name: `EWM_HUIDENT`, Type: `/SCWM/DE_HUIDENT`

BAPI function modules that have been enhanced with warehouse handling unit information:

- `MAP2I_B2017_GM_ITEM_TO_IMSEG`
- `MP2E_IMSEG_TO_2017_ITEM_CREATE`

IDoc Segment that has been enhanced: `E1BP2017_GM_ITEM_CREATE1`

The Warehouse Handling Unit field is populated in the material document only when it is explicitly passed through the BAPI, IDoc, or OData interfaces.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F1077
Application Component	MM-IM-GF (*Inventory Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

12.2.4 OData API: Material Document - Read, Create

Business Details

The OData API Material Document - Read, Create (API_MATERIAL_DOCUMENT) has been enhanced with Warehouse Handling Unit field.

The Document Items entity contains a new property:

Property	Description
HandlingUnitExternalID	Handling Unit Identification

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BMC (Core Inventory Management)
Technical Object Name	API: API_MATERIAL_DOCUMENT
Application Component	MM-IM-GF (*Inventory Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

12.2.5 Enhancement of CDS Views with Warehouse Handling Unit Field

Business Details

Some CDS (Core Data Services) views in Inventory have been enhanced with Warehouse Handling Unit field (Technical name: `EWM_HUIDENT`, Type: `/SCWM/DE_HUIDENT`).

The following table summarizes the CDS views that were enhanced.

CDS View	Description
I_MATERIALDOCUMENTITEM_2	Material Document Item
I_GOODSMOVEMENTDOCUMENT	Goods Movement

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BMC (Core Inventory Management)

Technical Object Name	CDS Views:
	`I_MATERIALDOCUMENTITEM_2`
	`I_GOODSMOVEMENTDOCUMENT`

Application Component	`MM-IM-GF` (*Inventory Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

12.2.6 Enhancement of CDS View with Service Document Fields

Business Details

The CDS (Core Data Services) view `I_MATERIALDOCUMENTITEM_2` has been enhanced with service document fields.

> ⓘ Note
>
> The enhancement to the CDS view is available as of release SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2025.

The following fields are added to the CDS view `I_MATERIALDOCUMENTITEM_2`:

- `ServiceDocument`
- `ServiceDocumentItem`
- `ServiceDocumentType`

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BMC (Core Inventory Management)
Technical Object Name	CDS View: `I_MATERIALDOCUMENTITEM_2`
Application Component	`MM-IM-GF` (*Inventory Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

12.3 Warehouse Management

12.3.1 Enhancement of Stock List in the Warehouse Task Apps

Business Details

With this feature, you can add your own fields to the stock list at warehouse task creation for warehouse request.

You can use the Business Add-In (BAdI) *Enhancement for Stock List for Warehouse Task Creation* (/SCWM/EX_CORE_CR_STOCK_LIST) to add additional fields to the display of stock at warehouse task creation for warehouse requests in the following apps:

- *Create Warehouse Tasks - Inbound Delivery*

- *Create Warehouse Tasks - Outbound Delivery Order*
- *Create Warehouse Tasks - Posting Change*
- *Create Warehouse Tasks - Stock Transfer*

Implementation Details

You add the additional fields to a customer append structure that you create for one of the following structures:

- *Customer Enhancements: WT Stock List (Removal and Putaway)* (`/SCWM/INCL_EEW_WT_STK_LIST_COM`)
- *Customer Enhancements: WT Stock List (Putaway Only)* (`/SCWM/INCL_EEW_WT_STK_LIST_DES`)
- *Customer Enhancements: WT Stock List (Stock Removal)* (`/SCWM/INCL_EEW_WT_STK_LIST_SRC`)

Customizing

Once your customer append structure is created, you create an implementation of *BAdI: Enhancement for Stock List for Warehouse Task Creation* in Customizing for *Extended Warehouse Management* under *Business Add-Ins (BAdIs) for Extended Warehouse Management* > *Cross-Process Settings* > *Warehouse Task* > *Creation of Warehouse Tasks*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`/SCWM/TODLV_I`
	`/SCWM/TODLV_O`
	`/SCWM/TODLV_T`
	`/SCWM/TODLV_M`

Application Component	`SCM-EWM-WOP` (*Warehouse Order Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

12.3.2 Mass Processing of Asynchronous JIT Updates After HU Putaway Confirmation (Embedded EWM)

Business Details

This feature enables you to mass process asynchronous Just-In-Time (JIT) updates during the putaway confirmation of handling units (HUs) for the external replenishment process when using Extended Warehouse Management (EWM) embedded in SAP S/4HANA. That is, you can configure how many JIT calls should be processed together in each queued remote function call (qRFC) instead of each JIT call being processed individually.

Implementation Details

Customizing

You've implemented *BAdI: Mass Processing of Asynchronous JIT Updates* in Customizing for *Extended Warehouse Management* under *Business Add-Ins (BAdIs) for Extended Warehouse Management* > *Cross-Process Settings* > *Warehouse Task* > *Confirmation of Warehouse Task*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: `/SCWM/EX_JIT_UPD_ASYNC_MASS`
Application Component	`SCM-EWM-WOP` (*Warehouse Order Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Confirmation of Putaway Warehouse Tasks for Handling Units

12.3.3 OData API: Warehouse Order and Task (A2X)

Business Details

With this feature, you can lock or unlock 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 FPS01

Related Information

Warehouse Order and Task (A2X)

12.3.4 Use Stock Transfer Orders with Valuated Stock in Transit

Business Details

With this feature, you can use EWM-managed storage locations as receiving locations in the stock transfer process with valuated SIT. You can use valuated SIT in both intra-company processes and processes that move stock between companies. You can also set an inbound delivery item with valuated SIT in a stock transfer order process to zero, which cancels the delivery. You cannot change the quantity of an inbound delivery item with valuated SIT in a stock transfer order process to anything other than zero.

You can see the following stock transfer order types in the *Maintain Inbound Deliveries* app (transaction /SCWM/PRDI) and the *Warehouse Monitor* app (transaction /SCWM/MON):

- A – Intracompany stock in transit
- B – Intracompany valuated stock in transit
- C – Intercompany stock in transit
- D – Intercompany valuated stock in transit
- E – Advanced intercompany process with valuated stock in transit
- F – Multistage advanced intercompany process with valuated stock in transit

The field EWMStockTransferOrderType is now available in the OData API *Warehouse Inbound Delivery - Read, Update (A2X)* (`API_WHSE_INB_DELIVERY_2`).

Implementation Details

If you are using decentralized Extended Warehouse Management based on SAP S/4HANA, the connected SAP S/4HANA system must be running SAP S/4HANA 2025 FPS1 or higher.

Customizing

The *Prev. Qty Upd STO* checkbox must be selected in Customizing for Extended Warehouse Management under *Goods Receipt Process* > *Inbound Delivery* > *Define Item Types for Inbound Delivery Process*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID: /SCWM/PRDI /SCWM/MON API: `API_WHSE_INB_DELIVERY_2`
Application Component	`SCM-EWM-DLF-SF-ID` (*Inbound Delivery*) `SCM-EWM-API` (*Remote APIs*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

12.3.5 Perform Ad Hoc Loading in Advanced Shipping and Receiving

Business Details

With this feature, you can assign outbound delivery orders to freight orders during the radio frequency (RF) loading process in Advanced Shipping and Receiving. When you scan and load the first handling unit (HU), the complete outbound delivery order, including the remaining HUs, is assigned to the freight order. Ad hoc loading can be performed in the following RF transactions:

- *Loading By HU*
- *Loading By Door*
- *Loading By Bill of Lading*

Ad Hoc Loading helps to simplify loading in a busy warehouse, for example, in the following scenarios:

- You have regular freight orders to a certain plant or region, for example, northern Spain. When the truck arrives, you can load all the HUs in the staging area for this plant or region onto it. This procedure is typically used in combination with the immediate loading process.
- A truck at the door has some space left that you want to fill. You can load additional suitable HUs onto the truck, and the system automatically assigns the corresponding outbound delivery order to the freight order.
- You can assign an HU to a freight order even though the corresponding freight unit has not been assigned to the freight order.

You can see if an outbound delivery order is relevant for Ad Hoc Loading in the *Outbound Delivery Orders* app (transaction /SCWM/PRDO) and the *Warehouse Monitor* app (transaction /SCWM/MON).

Implementation Details

You activate Ad Hoc Loading in the following apps:

- *Access Sequence of ASR Loading Determination* (transaction /SCWM/IMMED_LOADC)
- *Determine Settings for ASR Loading* (transaction /SCWM/IMMED_LOAD)

Effects on Existing Data

In the RF transaction *Loading By HU*, if there are multiple freight orders that match an HU, a new screen is shown where you can choose the correct freight order.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`/SCWM/PRDO`
	`/SCWM/MON`
	`/SCWM/RFUI`
	`F1704`

Application Component	`SCM-EWM-DLP` (*Delivery Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

12.3.6 Integration Pattern for Advanced Shipping and Receiving and SAP Global Trade Services

Business Details

With this feature, a new integration pattern for Advanced Shipping and Receiving and SAP Global Trade Services (SAP GTS) is available for Extended Warehouse Management embedded in SAP S/4HANA. This integration pattern is harmonized with the integration pattern used in the decentralized setup for the Advanced Shipping and Receiving process, and features enhanced stability and reliability.

Implementation Details

Customizing

To enable the new integration pattern, you must ensure that the status type DSC - LE Distribution Confirmation is active in all relevant outbound delivery status profiles, in Customizing for Extended Warehouse Management under *Cross-Process Settings* > *Delivery - Warehouse Request* > *Status Management* > *Define Status Profiles*.

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 FPS01

12.3.7 Split Outbound Delivery Orders in Advanced Shipping and Receiving

Business Details

With this feature, you can split outbound delivery orders in the warehouse-driven scenario of Advanced Shipping and Receiving in the same way as you can split outbound delivery orders in other areas of Extended Warehouse Management. For example, if there is not enough of a product to fulfill an outbound delivery order, but the customer needs the product urgently, you can split the outbound delivery order into the quantity available and the remaining quantity. Then you can send the available quantity to the customer as planned and send the remaining quantity later.

You can split outbound delivery orders up until the status *Ready for Shipping* is set.

You can split the outbound delivery orders in the following ways:

- Split outbound delivery order item into a new outbound delivery order
  You split the unpicked (and unpacked) item quantity from an outbound delivery order into a new outbound delivery order. For example, there is currently not enough quantity available in the warehouse, but the quantity that has already been picked could be shipped with an available transportation vehicle. The

picked quantities stay in the original outbound delivery order, and the unpicked quantities move to a new outbound delivery order, including the corresponding freight unit in Transportation Management (TM). If the TM freight unit is already assigned to a freight order, the parts of the corresponding outbound delivery order and freight unit are removed from the freight order.

- Split handling unit (HU) into new outbound delivery order
  You split one or more selected HUs into a new outbound delivery order. For example, an HU is to be delivered on a different date in the future. The HU which is split is be moved to a new outbound delivery order, while the remaining HUs in the original outbound delivery order are kept in that outbound delivery order. This scenario works in classic Advanced Shipping and Receiving loading as well as Immediate Loading.
- Split remaining parts into new outbound delivery order
  You select the HUs in the outbound delivery order that are to be delivered, and the system splits the remaining items or HUs into a new outbound delivery order. The selected HUs are kept in the original outbound delivery order. For example, you have already fully picked, packed, and loaded certain HUs of an outbound delivery order to a specific transportation vehicle. However, the remaining parts of the outbound delivery order will not be ready for picking, packing, or loading in time. You split the remaining parts to another outbound delivery order and send the loaded HUs to the customer.

Implementation Details

Customizing

To enable splitting of outbound delivery orders, you must choose *Outbound Delivery Order Split* in the *Outbound Split* setting for your combination of document type and document category. You can find this setting in Customizing for Extended Warehouse Management under *Goods Issue Process* > *Outbound Delivery* > *Define Document Types for Outbound Delivery Process*.

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 FPS01

12.3.8 Perform Quantity Correction Process in Advanced Returns Management in EWM

Business Details

With this feature, you can receive the outbound delivery created by the Goods Receipt Quantity Correction follow-up action in Advanced Returns Management. The outbound delivery is sent to Extended Warehouse Management with a corresponding document type and item type. You can set up automatic warehouse task creation and confirmation to a staging zone for these delivery items, including an automatic goods issue posting.

Implementation Details

Customizing

To run the quantity correction process in Advanced Returns Management, you must activate business configuration set (BC set) *Outbound Delivery Process for ARM Quantity Correction* (`/SCWM/DLV_OUTBOUND_ARM_QC`). There is a proposed mapping for Logistics Execution (LE) document and item types to EWM document and item types in the BC set documentation.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BC Set: `/SCWM/DLV_OUTBOUND_ARM_QC`
Application Component	`SCM-EWM-DLP` (*Delivery Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

12.3.9 Specify HU Number for Component Consumption using API Production Order Confirmation

Business Details

With this feature, you can now use the API Production Order Confirmation (`API_PROD_ORDER_CONFIRMATION_2_SRV`) to pass the handling unit (HU) number for component consumption with synchronous goods movements. This allows you to specify which HU the component is to be consumed from. For example, if you have multiple HUs at the production supply area, you can specify which of them the component is taken from, to keep the physical world and the system in sync. If you do not provide an HU number, the system determines the stock as before, that is, it can select unpacked stock or stock from an HU.

Implementation Details

You must use synchronous goods movements to consume the components.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_PROD_ORDER_CONFIRMATION_2_SRV`
Application Component	`SCM-EWM-IF-ERP-GM` (*Interface ERP Goods Movement*) `PP-FIO-SFC` (*Fiori UI for Production Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

12.3.10 HU Picking in Supply-to-Customer Outbound Process (Embedded EWM)

Business Details

This feature enables you to work with the supply-to-customer (S2C) process for Just-In-Sequence (JIS) calls when using Extended Warehouse Management (EWM) embedded in SAP S/4HANA in your storage locations.

After the production and packing of the sequenced component groups, the system creates outbound deliveries using the *Manage Customer JIT Calls by Component Groups* app, including handling unit (HU) numbers from (multi-level) packing. These deliveries are then transferred to EWM. In EWM, the system creates an outbound delivery order that contains the lowest-level HU details (to be used as pick-HUs) per delivery item. You can create HU warehouse tasks manually or automatically to pick highest-level HUs and move them to the staging area. If HUs are already staged, the system automatically creates and confirms the corresponding pick tasks, reducing manual steps.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`SCM-EWM-WOP` (*Warehouse Order Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

End-To-End Integration of JIS Calls with Logistics Execution, Handling Units, and Transportation Management

12.3.11 Predictive Labor Demand Planning

Business Details

You can now use predictive workload forecasting within SAP Extended Warehouse Management to anticipate labor needs across key outbound processes — including picking, packing, and staging. With the 2025 FPS1 release, the solution now supports the persistence of aggregated historical workload data, and determines planned duration for outbound delivery staging. The solution also supports LDP integration via the Warehouse Order and Task A2X API (`API_WAREHOUSE_ORDER_TASK_2`), as historical records of picking activities can now also be written when confirming picking warehouse tasks via this API.

> ⓘ 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` (*Labor Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

12.3.12 Predictive Labor Demand Planning: Displaying in UI

Business Details

You can now view workload forecast KPIs directly as configurable cards within the Fiori app `Warehouse KPIs` (app ID **F4024**), enabling seamless navigation to the detailed smart-business drill-down apps for the workload KPIs. The user experience is further enhanced through dynamic date functions. The first forecast graph now displays the total forecast value with drill-down to activity areas for deeper insight.

Workload forecasts can be analyzed through five KPI measures—Duration, Volume, Weight, Capacity Consumption, and Number of Items—offering a clear and structured view of operational demand. Each KPI is now available as a separate card, making it easier for users to access and navigate the information.

The planned completion date has also been replaced with a Relative Date Function for more flexible and accurate filter selection.

> ⓘ 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	Fiori App `Warehouse KPIs F4024)`
Application Component	`SCM-EWM-LM` (*Labor Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Displaying Workload in the Labor Demand Planning User Interface

12.3.13 Predictive Labor Demand Planning: API

Business Details

You can now capture additional metadata—such as the start date and time—to improve LDP reporting, KPI calculation, and historical workload tracking for warehouse task confirmations via the external API. A two-step pick process has been enabled for historical records and time tracking. The process uses an existing remote-enabled API: `API_WAREHOUSE_ORDER_TASK_2`.

> ⓘ 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` (*Labor Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Warehouse Order and Task (A2X)

Business Accelerator Hub

12.3.14 Quality Inspections for Products in Outbound Delivery Orders

Business Details

With this feature, you can make sure that specific qualities of a product (for example, paperwork completion) are checked before the relevant outbound delivery order leaves your warehouse.

This feature is applicable for inspection object type *Q-Inspection Outbound (IOT 8)*.

Implementation Details

To use this feature, you must meet the following prerequisites:

- The inspection process is integrated with the *Quality Management* (QM) component.
- The delivery is relevant for quality inspection in *Sales and Distribution*.
- You've created a QM customer info record and selected *Before Delivery* in its quality inspection screen.

Customizing

To use this feature, you must activate *IOT 8* in Customizing for *Extended Warehouse Management* under *Cross-Process Settings* > *Quality Management* > *Basics and Integration* > *Define and Activate Warehouse-Dependent IOTs*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`SCM-EWM-QM` (*Quality Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

QM in Sales and Distribution (QM-PT-RP-SD)
QM Control in Sales and Distribution

12.3.15 Impacts on Custom Coding

Business Details

You must read SAP Note 3701334 in its entirety before you migrate to S/4HANA 2025SP1.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Service: `READ_MATERIAL_MULTIPLE` Method: `/SCWM/IF_AF_PRODUCT~READ_MATERIAL_MULTIPLE` Function module: `/SCWM/MATERIAL_READ_MULTIPLE` Function module: `/SCWM/MATERIAL_READ_SINGLE`
Application Component	`SCM-EWM-MD` (*Master Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

12.4 Delivery and Transportation

12.4.1 Delivery Management

12.4.1.1 RAP Objects in Delivery Management

Business Details

With this feature, the following RAP Business Objects (BO) available in Delivery Management have been updated:

- I_INBOUNDDELIVERYTP
- I_OUTBOUNDDELIVERYTP

I_INBOUNDDELIVERYTP

Editable Fields

The *Putaway Quantity* field is now editable.

Partial Goods Receipt

You can use the `PostPartialGoodsReceipt` action to post partial goods receipt for inbound deliveries.

I_OUTBOUNDDELIVERYTP

Editable Fields

The *Picking Quantity* field is now editable.

Documentation

The documentation in the knowledge transfer document for the BO has been corrected. There were some inaccuracies relating to changes made in previous releases.

Shipments

RAP events are now called when a delivery is assigned to or removed from a shipment using transaction *Create Shipment* (`VT01N`) or *Change Shipment* (`VT02N`). This allows you to effectively use the BO with shipments.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	RAP Business Objects:
	`I_INBOUNDDELIVERYTP`
	`I_OUTBOUNDDELIVERYTP`

Application Component	`LE-SHP-API` (*Interfaces for Delivery Documents (API)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Outbound Delivery (RAP BO) on the Business Accelerator Hub

Inbound Delivery (RAP BO) on the Business Accelerator Hub

12.4.1.2 Enhanced Transfer of Control Dates to support Multistage Intercompany Sales and Stock Transfer Processes

Business Details

The Transfer of Control (ToC) Dates in outbound delivery header has been enhanced to support multistage intercompany sales and stock transfer process. Four new internal ToC-Date groups have been added to the outbound delivery header which can be used to coordinate the transfer of control of goods between the organizations involved in the multistage intercompany process.

Implementation Details

- Shipment tab in transactions VL01N/VL02N/VL03N is enhanced to support maintenance of the new fields.
- Delivery document input parameter in BADI Definition LE_SHP_MODIFY_HEAD is enhanced with the new parameters.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	*LE-SHP-VCA*
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Transfer of Control of Goods

Multistage Intercompany Sales

Multistage Intercompany Stock Transfer

12.4.1.3 Extensibility for Goods Movements

Business Details

You can extend and change data in a delivery before goods movement is posted. For this, you can use Business Add-In *Goods Movement Data Modification* (`LE_SHP_SPE_GM_CREATE`).

Implementation Details

The BAdi is included in enhancement spot `ES_LE_SHP_EXTEND`. The default implementation of the BAdI calls Business Application Programming Interface (BAPI) `BAPI_GOODSMVT_CREATE`.

Customizing

You can find the BAdI, in the Customizing (`SPRO`) for Logistics Execution (LE) under *Extended Warehouse Management Integration* > *Transfer and Inventory Management* > *Business Add-Ins (BAdIs)*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`LE_SHP_SPE_GM_CREATE`
Application Component	`Delivery Documents Extensibility` (*LE-SHP-EXT*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Delivery Management (LE-SHP) → Business Add-Ins (BAdIs)

12.4.1.4 Persistence of Asset Postings in Delivery Structure

Business Details

With this feature, asset postings in a decentralized warehouse setup include the asset reference directly in the delivery, so each delivery clearly identifies the company asset being moved.

By carrying the asset number end to end (from the initial goods movement into the warehouse delivery and back again during goods issue posting) the feature prevents earlier issues where missing asset references led to posting errors and interrupted processing.

Implementation Details

To enable this behavior, the delivery communication structure `KOMDLGN` is extended with the asset fields `ANLN1` (main asset number) and `ANLN2` (asset subnumber). These fields are populated from the goods movement data (`MSEG`) during delivery generation and persisted in the delivery item data (`LIPS`). During post goods issue, the same fields are mapped back from the delivery to the goods movement interface to ensure that the asset information is available for final posting.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`KOMDLGN`
Application Component	`LE-SHP-DL` (*Delivery Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

12.4.2 Transportation Management

12.4.2.1 Enhancement in Logistics Integration

Business Details

This feature enables you to leverage improvements to update mechanism between Logistics Execution (LE) and Transportation Management (TM) in the Advanced Shipping and Receiving (Advanced SR) process. With this feature, you can also leverage extensibility capability available for error handling behavior.

Implementation Details

Improvements to the update path mechanism from LE and TM are described within Business Impact Note 3637618 and the related Simplification Item.

Customizing

BAdI: Change TOR Data enables you to adapt the attributes in a transportation order request before the freight units are created. For more information, see Customizing for **Transportation Management** under *Business Add-Ins (BAdIs) for Transportation Management* > *Integration* > *Logistics Integration*.

BAdI: Adaptation of Error Handling in Logistics Integration enables you to modify existing error handling categories or introduce new ones. For more information, see Customizing for **Transportation Management** under *Business Add-Ins (BAdIs) for Transportation Management* > *Integration* > *Logistics Integration*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	BAdI:
	`/SCMTMS/BADI_LI_UH_MAP`
	`/SCMTMS/BADI_LI_ERROR_HNDL`

Application Component	`TM-INT-LI-LE` (*Integration with Logistics Execution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Related Information

Business Add-Ins for Logistics Integration
Integration of Stock Transport Orders

12.4.2.2 Enhancements in External Planning

Business Details

This feature enables you to send or receive driver information, report events using an internal location ID, and split freight units using EDI messages.

The following functions have been enabled for the `TransportationOrderGenericRequest_In` API:

- **Driver Assignment**
  Inbound messages support the assignment of a driver or a driver team to a freight order (FO). The driver information can be included as elements in the transportation order section of a message. You can include driver information during FO creation or update.
- **Event Reporting with Internal Location ID**
  When reporting events tied to a specific location, the internal location ID can be used as stop identifier in the FO message.
- **Freight Unit Split**
  The service now supports partial assignments of freight units to a freight order. This can be a subset of the freight unit items or a partial quantity of an item. As a result, the inbound message triggers a freight unit split, and when required outbound delivery split, in the receiving system.

Implementation Details

Customizing

- **Driver Assignment**: To ensure successful message processing, the number of required drivers must be set in Customizing. If the driver or driver team provided in the message does not match the settings in the document, the message will still be processed. Any deviations are displayed on the driver tab of the FO.
  If the FO type is set to *Not Relevant for Driver Planning*, the system will reject the message and display an error. For more information, see Customizing for **Transportation Management** under *Freight Order Management* > *Freight Order* > *Define Freight Order Types*.
  If the *Driver Assignment Type* is *Per Freight Order*, the element `<TransportationStage>` under the element `<Driver>` is optional. If it is *Per Stage*, stages must be specified for every driver. Any stages, assigned to a driver, that does not exist in the message results in an error.

You can use the sub-element `<Name>` to provide the driver's name and the sub-element `<Party>` to provide additional information such as address, phone number, and email address.
While you cannot change driver settings via the message, you can override the settings specifically for an individual FO directly in the document.

- **Freight Unit Split**: Under *Enable FU Split*, you indicate whether the information provided in the message can be used to split FUs or all items in an FU are assigned to the same capacity document in the receiving system. For more information see Customizing for **Transportation Management** under *Integration* > *Enterprise Services* > *Define EDI Communication Profile*.

Effects on Existing Data

For event reporting using a location ID as stop identifier, an error message is displayed in the FO if the corresponding stop can't be identified within the freight document based on the referenced document.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	API:
	`TransportationOrderGenericRequest_In`
	Customizing Activity:
	`/SCMTMS/V_EDICP`
	`/SCMTMS/V_TORTYA`

Application Component	`TM-FRM-INT-GEN` (*Transportation Order Generic Web Service*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

External Planning

12.4.2.3 Ad Hoc Loading

Business Details

With this feature, you can create freight orders (FO) in advance and assign freight units (FU) to road FOs directly from the staging area in your warehouse while the truck is being loaded.

As a supporting feature. you can create warehouse loading stops and warehouse unloading stops for schedule stops, which are taken over automatically when you create a road freight order based on a road schedule. For more information, see Enhancements for Schedules [page 517].

Implementation Details

Customizing

BAdI: Definition of FU-FO Matching Criteria for Ad Hoc Loading enables you to define the matching criteria between FUs and FOs in a process where the loading is done ad hoc. For more information, see Customizing for **Transportation Management** under *Business Add-Ins (BAdIs) for Transportation Management* > *Freight Order Management* > *Freight Order Management*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: `/SCMTMS/TOR_RC_MATCH`
Application Component	`TM-FRM-ASR` (*Advanced Shipping and Receiving*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Ad Hoc Loading

12.4.2.4 Display of Vector Maps

Business Details

With this feature, you can display geographical maps as vector maps.

In the past, only raster maps were supported. SAP Visual Business is now able to display vector maps provided by SAP HANA spatial services and other providers. Vector maps can be consumed in Transportation Management TM in the following areas:

- Transportation network cockpit
- Transportation cockpit
- Document overviews in single document user interfaces
- Personal object worklists (POWLs)

Implementation Details

Customizing

You need to specify the map type (raster or vector) you want to use. Raster is the default. For more information, see Customizing for *Transportation Management* under *Basic Functions* > *Geographical Map* > *SAP Visual Business* > *SAP Visual Business* > *Maintain Application Definitions*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Customizing Activity:
	`/SCMTMS/VBC_APPL_SET`
	App ID:
	`/SCMTMS/PLN`
	`/SCMTMS/TNC21`

Application Component	`TM-BF-MAP` (*Map Display*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Map Display

12.4.2.5 Enhancements for Schedules

Business Details

This feature enables you to create warehouse loading stops and warehouse unloading stops in road schedules and to define vehicle types and groups for road schedules.

The following functions are available:

- You can now create warehouse loading stops and warehouse unloading stops for schedule stops. They are taken over automatically when you create a road freight order based on a road schedule. They are not relevant for any planning activity.
  Creating warehouse loading stops and warehouse unloading stops in a schedule can be useful in ad hoc loading to reduce the manual effort for the transportation planner when freight orders are created in advance. For more information, see the What's New document for Ad Hoc Loading [page 515].
  Note that warehouse loading and unloading stops are only supported for road schedules in Advanced Shipping and Receiving.
- You can now define vehicle types and groups for road schedules. You can use them in follow-on processes such as load planning. For example, if you create a freight document manually for a departure in the transportation cockpit, the vehicle type is taken over and the incompatibilities are considered. After that, you can perform load planning.
  Note that is only supported for vehicle types and groups that are planning relevant. Also, the assigned means of transport needs to have the *Schedule* checkbox selected.

Implementation Details

Customizing

You need to enable the use of warehouse loading and warehouse unloading stops in the new *Use Warehouse Loading and Unloading Stops* field in the schedule type. For more information, see Customizing for *Transportation Management* under *Master Data* > *Transportation Network* > *Schedule* > *Define Schedule Types*.

Effects on Existing Data

You can indicate the vehicle group and type in the new *Vehicle Group/Type* field in the *Create Schedule* and *Edit Schedule* app. You can see the vehicle type and group in the new *Vehicle Group* and *Vehicle Type* fields in the *Schedules* section of the *Transportation Cockpit* app.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`/SCMTMS/SCHEDULE`
	Customizing Activity:
	`/SCMTMS/C_SCHTY`

Application Component	`TM-MD-TN-SCH` (*Schedule*); `TM-INT-LI-EWM` (*Adv.-SR-Based Integration with EWM*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

12.4.2.6 Means of Transport and Vehicle Type Determination

Business Details

With this feature, you can determine means of transport and vehicle types based on business rules.

The system evaluates input criteria such as source and destination location data, service level (sales), payer, and ship-to party to determine the appropriate means of transport and, optionally, the vehicle types.

Means of transport and vehicle types are considered during transportation requirement routing and scheduling. For more information, see the What's New document for Considering Means of Transport and Vehicle Types in TRS [page 519].

You can change input data and results of means of transport determination using Business Add-In (BAdI) *BAdI: Adjustment of Means of Transport Determination*.

Implementation Details

Customizing

You can implement the new BAdI in Customizing for *Transportation Management* under *Business Add-Ins (BadIs) for Transportation Management* > *Planning* > *BAdI: Adjustment of Means of Transport Determination*.

Effects on Existing Data

In the *Create Condition* app, you need to define a condition using the new condition type *Determine Means of Transport/Veh. Types* (`/SCMTMS/MTR_VT_DET`).

Further, you need to activate means of transport and vehicle type determination in the new section *Means of Transport and Vehicle Types* of the *Create Planning Profile* or *Edit Planning Profile* app and enter your condition.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`/SCMTMS/PROF_PLN`
	`/SCMTMS/PROF_COND`
	BAdI:
	`/SCMTMS/EX_MTR_DET`

Application Component	`TM-PLN` (*Planning*); `TM-BF-CND` (*Condition*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Means of Transport and Vehicle Type Determination

12.4.2.7 Considering Means of Transport and Vehicle Types in TRS

Business Details

With this feature, you can consider means of transport and vehicle types in transportation requirement routing and scheduling (TRS) processes such as sales order scheduling.

The means of transport and vehicle type can be determined using a rule-based engine. For more information, see the What's New document for Means of Transport and Vehicle Type Determination [page 518].

A new method has been made available to determine means of transport and vehicle types. You can run it before or after any other routing or determination method to improve the results of the preceding method. TRS keeps the determined means of transport and vehicle type per request stage. Subsequent routing methods and scheduling respect the determined means of transport and vehicle types.

Loading and unloading durations defined in the scheduling settings can now also be determined based on the determined means of transport and vehicle types. Scheduling now also takes into account availabilities like factory calendars and shift sequences, as well as driving time and working hours constraints defined in the capacity availability settings.

You can also simulate and test how means of transport and vehicle types are determined and considered in a TRS process. You can do so in the TRS test cockpit and the test cockpit for network path determination. Further, you can now display results for requirement routing and scheduling in a location-specific or user-specific time zone in the TRS test cockpit.

Implementation Details

Customizing

You can implement two Business Add-Ins (BAdIs). For more information, see Customizing for *Transportation Management* under *Business Add-Ins (BadIs) for Transportation Management* > *Planning*:

- *BAdI: Adjustment of TRS Methods*
- *BAdI: Adjustment of Network Path Determination*

Effects on Existing Data

- You need to activate means of transport and vehicle type determination in the *Means of Transport and Vehicle Types* section of the *Create Planning Profile* or *Edit Planning Profile* app and specify a condition that has been created using the new condition type *Determine Means of Transport/Veh. Types* (`/SCMTMS/MTR_VT_DET`).
- In your TRS profiles, you need to select the new determination method *Determine Means of Transport and Vehicle Types*. You can use the following apps:
  - *Create Requirement Routing Profile* app or *Change Requirement Routing Profile* app
  - *Create Transportation Duration Determination Profile* app or *Change Transportation Duration Determination Profile* app
- If you want to use a location-specific time zone, you have selected the new *Use Location-Specific Time Zone* checkbox in the TRS test cockpit. To open the TRS test cockpit, on the SAP Easy Access screen, choose *Logistics* > *Transportation Management* > *Administration* > *Transportation Requirement Routing and Scheduling* > *TRS - Test Cockpit*.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`/SCMTMS/PROF_PLN`
	`/SCMTMS/PROF_TRS (/SCMTMS/PROF_TRS_DELG)`
	`/SCMTMS/PROF_TRS (/SCMTMS/PROF_TRS_DETM)`
	`/SCMTMS/PROF_COND`
	BAdI:
	`/SCMTMS/EX_NPD`
	`/SCMTMS/EX_TRS_MODULE`

Application Component	`TM-INT-LI-SD` (*Integration with Sales and Distribution*); `TM-PLN-TRS` (*Transportation Requirement Routing and Scheduling*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

12.4.2.8 Enhancements in Automatic Planning and Scheduling

Business Details

With this feature, you can display or hide setup warnings and adjust operating times.

The following functions are available:

- The vehicle scheduling and routing (VSR) optimizer provides setup warnings if the optimizer scenario hasn't been set up properly, such as incorrect geographic information system (GIS) data. You can now decide whether you want to display or hide these warnings (they are displayed by default).
- A new business add-in (BAdI) *BAdI: Adjustment of Operating Times* allows you to adjust operating times so that they can be considered by vehicle scheduling and routing (VSR) optimization, transportation requirement routing and scheduling (TRS), and embedded scheduling.

Implementation Details

Customizing

You can implement the new BAdI `/SCMTMS/EX_PLN_OT` in Customizing for *Transportation Management* under *Business Add-Ins (BAdIs) for Transportation Management* > *Planning* > *BAdI: Adjustment of Operating Times*.

Effects on Existing Data

You need to indicate in the new *Setup Warnings* field in the *Create Optimizer Settings* or the *Edit Optimizer Settings* app whether you want to display or hide setup warnings. You can also indicate this in the *Change Planning Settings* dialog box in the *Transportation Cockpit* app.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`/SCMTMS/PROF_OPTSETT`
	BAdI:
	`/SCMTMS/EX_PLN_OT`

Application Component	`TM-PLN-VSR` (*Vehicle Scheduling and Routing*); `TM-PLN-SCH` (*Scheduling*); `TM-PLN-TRS` (*Transportation Requirement Routing and Scheduling*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Planning Profile

12.4.2.9 Enhancements in Load Planning and Load Consolidation

Business Details

With this feature, you can use free positioning in load consolidation, automatic runtime regulation in load planning and load consolidation, and rectangular selection in your 3D load plan. A new report allows you to check the setup of the image creation service.

The following functions are available:

- Load planning and load consolidation can now handle product items without length, width, and height. The dimensions are read from the product master data. If no dimensions are defined in the product master data, the dimensions of the most specific reference product are considered instead. If no dimensions are defined for the product and all its reference products, load planning and consolidation can't process the product.
- Load consolidation now also supports free positioning.
- You can now use automatic runtime regulation for both load planning and load consolidation. In addition to specifying a maximum runtime, you can now activate automatic runtime regulation in your load planning settings. You can either focus on a fast optimization process or on quality, in which case, the optimizer might achieve better planning results in difficult scenarios because it spends more time during the optimization process.
  You can also specify the automatic runtime regulation in the *Change Planning Settings* dialog box in the transportation cockpit.
- In your 3D load plan, you can select individual items in two ways: by using a single left mouse click or by using rectangle selection.
- You can now check whether your setup for the image creation service in load plan printing is correct and complete using report *Check Image Creation Service* (`/SCMTMS/PLN_LP_IMG_CHECK`). You can also use this report if you've created a PDF for your 3D load plan and the images are missing.

  To access the report, on the SAP Easy Access screen, choose *Logistics* > *Transportation Management* > *Administration* > *Load Plan Printing* > *Check Image Creation Service*.

Implementation Details

Effects on Existing Data

In the *Create Load Planning Settings* and *Edit Load Planning Settings* apps, you need to select a value in the *Automatic Runtime Regulation* field under the *Load Planning* and the *Load Consolidation* sections. You can also activate it in the *Change Planning Settings* dialog box in the transportation cockpit.

Note that the *Engine* field has been moved from the *Load Planning* section to the *General Data* section in the *Create Load Planning Settings* app and the *Edit Load Planning Settings* app.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Report:
	`/SCMTMS/PLN_LP_IMG_CHECK`
	App ID:
	`/SCMTMS/PLN`
	`/SCMTMS/PROF_LSOSET`

Application Component	`TM-PLN-LP` (*Load Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

12.4.2.10 Use of Load Consolidation During Capacity Document Creation Based on Groups

Business Details

This feature enables you to use load consolidation during capacity document creation based on requirement groups to determine the optimum set of equipment per group.

You can leverage all functions of load consolidation and have the system consider various constraints, such as orientation, stacking factor, stacking settings, incompatibilities, as well as the costs of the selected equipment types.

The background report for creating capacity documents based on requirement groups also supports load consolidation.

Since load planning only supports one source and one destination, the source location and destination location are used as grouping criteria. Note that this feature supports equipment types only.

Implementation Details

Effects on Existing Data

In your requirement grouping profile, you need to specify in the new *Consider Capacity Limits* field that the system is to determine capacity limits using load consolidation instead of considering the capacity limits that you defined in the profile. To do so, open the *Edit Requirement Grouping Profile* app from the launchpad.

In your load planning settings, you need to indicate the consolidation mode you want to use (capacity-based or load planning-based load consolidation). To do so, open the *Edit Load Planning Settings* app from the launchpad.

If several equipment types that are relevant for load consolidation are available in the planning session, a dialog box is displayed that allows you to select the equipment types you want to use. In the transportation cockpit settings, the new *Skip Equipment Type Selection for Load Consolidation* field allows you to switch off this dialog box. In this case, all equipment types that are available in the planning session are used. To do so, open the *Edit Transportation Cockpit Settings* app from the launchpad.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`/SCMTMS/PLN`
	`/SCMTMS/PROF_REQGROUPING`
	`/SCMTMS/PROF_LSOSET`
	`/SCMTMS/PROF_TCSETT`
	Report:
	`/SCMTMS/PLN_REQ_STAGE_GROUP`

Application Component	`TM-PLN-MP` (*Manual Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Creation of Capacity Documents Based on Requirement Groups

12.4.2.11 Enhancements in Optimizer-Based Mixed Package Building

Business Details

With this feature, you can use cost-based selection of alternative packaging materials and automatic runtime regulation.

The following new functions are available:

- **Cost-Based Selection of Alternative Packaging Materials**
  This function automatically selects the best packaging material combination for each set of items that needs to be packaged. The selection is based on the fixed cost that you have defined for each packaging material. The package building optimizer tries to minimize the total cost of the used packaging materials. It determines the exact position of each product in the package or just fills the package considering the weight and volume constraints per package. The package building optimizer manages both balanced and unbalanced multi-level packaging scenarios, in which cartonized and non-cartonized products are consolidated on pallets of different sizes. The optimizer can combine products with predefined packaging materials and those packaged using cost-based packaging material selection in the same package.
  Note that detailed mixed package building was renamed and is now called optimizer-based mixed package building.
- **Automatic Runtime Regulation**
  You can now use automatic runtime regulation for optimizer-based mixed package building. In addition to specifying a maximum runtime, you can now activate automatic runtime regulation in your profile for the package building optimizer. You can either focus on a fast optimization process or on quality in which case the optimizer might achieve better planning results in difficult scenarios because it spends more time during the optimization process.

Implementation Details

Customizing

To use automatic runtime regulation, you need to select a value in the *Automatic Runtime Regulation* field in the package building optimizer profile.

For more information, see Customizing for *Transportation Management* under *Planning* > *Unified Package Building* > *Package Building* > *Define Profile for Package Building Optimizer*.

Effects on Existing Data

To use cost-based selection of alternative packaging materials, you need to define alternative packaging materials groups in the *Alternative Packaging Materials Groups* view in the *Change Package Type Assignment* app.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`/SCMB/PB_PKG_ASS`
	Customizing Activity:
	`/SCMB/V_PB_OPT`

Application Component	`SCM-BAS-PAK-PB` (*Package Building*); `TM-PLN-PB` (*Package Building*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Package Building
Cost-Based Selection of Packaging Materials

12.4.2.12 Automatic Attachment Creation

Business Details

Transportation Management (TM) can automatically add created output documents as attachments in freight documents.

Implementation Details

You must configure TM to automatically create the attachments by activating the feature for specific business documents.

Customizing

The following Customizing Activities and Business Add-Ins (BAdI) have allow you to customized the implementation:

- Activity *Assign Attachment Types to PPF Actions*.
- BAdI *Automatic Attachment Storage* (`/BOFU/BADI_STORE_ATTACHMENT`)
- BAdI *Storage of TOR Attachments* (`/SCMTMS/BADI_TOR_ATTACHMENT`)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Customizing Activity:
	`/SCMTMS/V_PPFATT`
	Business Add-Ins:
	`/BOFU/BADI_STORE_ATTACHMENT`
	`/SCMTMS/BADI_TOR_ATTACHMENT`

Application Component	`Basic Functions` (*TM-BF*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Automatic Attachment Creation

12.4.2.13 Controlling Integration of Schedule Lines in Sales Scheduling Agreements

Business Details

With this feature, you can control how many schedule lines are included in the transportation process. This allows you to improve system performance when there are many schedule lines in an agreement. Once included in the process, Transportation Management (TM) can create and edit freight units (FUs) for the schedule lines. SAP refers to this as integrating the schedule line into TM. TM counts the number of schedule lines in a defined time range. Based on this count, it determines a second time range starting from today or in the recent past, and ending at a certain time in the future. It then integrates all schedule lines that are due for delivery in this time range. You configure the rules that determine when each period starts and ends in Customizing.

Implementation Details

Customizing

You can activate and configure the integration time range in Customizing for Transportation Management under *Integration* > *Logistics Integration* > *Internal TM Component Integration* > *Define Rule Groups to Determine Integration Time Range of SAGs*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-INT-LI-SD` (*Integration with Sales and Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Integration Time Range for Sales Scheduling Agreements

12.4.2.14 Enablement of Cost Distribution in Consignment Orders

Business Details

This feature enables you to perform cost distribution from a consignment order based on predefined rules.

The distribution happens proportionally at the transportation item level. Some charges with specific resolution bases may be directly assigned rather than distributed.

Implementation Details

Customizing

To enable this feature, select the *Enable Cost Distribution* checkbox under *Charge Calculation and Settlement Document Settings*. For more information, see Customizing for **Transportation Management** under *Freight Order Management* > *Consignment Order* > *Define Consignment Order Types*.

Effects on Existing Data

The *Cost Distribution* tab has been added to the user interface of the *Display Consignment Order* app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Customizing Activity: `/SCMTMS/VC_TORITC`
Application Component	`TM-FRM-CON` (*Consignment Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

12.4.2.15 Automatic Derivation of Item and Warehouse Loading Stop Statuses

Business Details

With this feature, you can make item handling execution and warehouse loading stop status reporting automatic.

Item statuses *Unloaded* and *Loaded* are derived when you either report the truck's check-out or departure or set the warehouse loading/unloading stop to *Loading Completed* or *Unloading Completed* based on the *Derivation Rules* within the *Define Event Profiles* Customizing activity.

The warehouse loading stop status is set automatically when you set the shipping point status.

Derived or automatic reporting can be used in both outbound and inbound scenarios.

Implementation Details

Customizing

You need to define the item status derivation rules. For that, a new setting option, *Mandatory/Optional: Event is Derived from Rules or Reported*, is available under the *Event Profile Settings*, and a new setting for rule definition, *Event Derivation Rules*, is available within the *Define Event Profiles* Customizing activity.

To automate warehouse loading stop reporting, you can set events `EP_LOAD_END` and `EP_UNLOAD_END` to *Mandatory: Event is Derived and Reported Automatically* in Customizing for **Transportation Management** under *Freight Order Management* > *Execution Settings* > *Define Event Profiles*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Event:
	`EP_LOAD_END_ITEM`
	`EP_UNLOAD_END_ITEM`
	`EP_LOAD_END`
	`EP_UNLOAD_END`
	Customizing Activity:
	`/SCMTMS/VC_EVPRF`

Application Component	`TM-FRM-STS` (*Statuses, Events, and Block Handling*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Automatic Derivation of Item Statuses

12.4.2.16 Improved Printing Format of CMR Waybills for Freight Orders

Business Details

This feature enables you to print multi-page CMR waybills with each consignment order in the print form starting on a new page. Each consignment displays the destination location, that is, the consignee address, at the top of its first page.

The print forms can be found under *Output Management* in your freight order.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-FRM-FRO` (*Freight Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

12.4.2.17 Automatic Derivation of Status Ready for Warehouse Processing

Business Details

This feature enables you to set up your system so that the status *Ready for Warehouse Processing* is set automatically when you define a carrier in your document.

Implementation Details

For more information, see Consulting Note 3652334 and SAP Note 3629386.

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*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

12.4.2.18 Advanced Shipping and Receiving Without Warehouse Information

Business Details

This feature enables you to run an outbound Advanced Shipping and Receiving process without needing to define a warehouse in Customizing. Warehouse loading stops are created for items without warehouse information in your freight orders and bookings.

Implementation Details

Effects on Existing Data

The user interface for freight orders reflects the difference between a warehouse loading stop with and without warehouse information. A warehouse loading stop without warehouse information is displayed as *WH Loading Stop* without a name attached.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID: `/SCMTMS/FRE_ORDER`
Application Component	`TM-FRM-ASR` (*Advanced Shipping and Receiving*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

12.4.2.19 Warehouse-Driven Outbound Delivery Order Split

Business Details

With this feature, you can have outbound delivery order splits that occur during warehouse processing communicated from Extended Warehouse Management (EWM) to Transportation Management (TM).

Outbound delivery order splits will trigger a split of outbound deliveries in Logistics Execution (LE) and might result in a freight unit (FU) split. Splits resulting from warehouse activities are communicated synchronously to TM.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-INT-LI-EWM` (*Adv.-SR-Based Integration with EWM*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Delivery Split

12.4.2.20 Transfer of Packing Information from LE to TM

Business Details

With this feature, you can have the underlying packing information of handling units communicated from Logistics Integration (LE) to Transportation Management (TM) if these handling units have been created using either unified package building or a packing instruction directly.

During freight unit building, the packing information is taken over into the freight unit item hierarchy. This is reflected in the freight unit by taking over the packing information and displaying it in the *Unified Package Building Engine* and the *Unified Package Building Rule* fields under the package details. If unified package building is configured in the freight unit building rule, freight unit building considers the packing information from LE with higher priority. Hence, unified package building is not triggered.

This feature is relevant for delivery-based outbound processes. It supports the automatic packing of items in Sales and Distribution (SD) and LE.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-INT-LI-LE` (*Integration with Logistics Execution*); `TM-PLN-FUB` (*Freight Unit Building*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

12.4.2.21 Handling of Discrepancies

Business Details

With this feature, you can delete inbound deliveries generated from a stock transport order (STO) process in Advanced Shipping and Receiving.

The deletion of inbound deliveries makes it possible to resolve discrepancies discovered during processing; specifically, after *Goods Issue* has been posted and the inbound delivery has been created. The deletion can happen at the latest after the status *Ready for Warehouse Processing* has been set but no changes to the quantity or packaging have been made.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-INT-LI-EWM` (*Adv.-SR-Based Integration with EWM*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Integration of Stock Transport Orders
Delivery Deletion

12.4.2.22 CDS Views for Transportation Management

Business Details

The following changes are made in CDS views for Transportation Management:

- The new CDS views are released to provide composite, basic, and domain fixed values.
- The old CDS view I_TranspOrdStageDestStopCat is deprecated and should no longer be used.

New CDS View Released

CDS View Name	Description	CDS View Type	Application Component
`I_TrOrdStageStopSuccessorCat`	Transportation Order Stage Stop Successor Category	Fixed Domain	TM-CF-VDM
`I_TransportationLocation_2`	Transportation Location	Composite	TM-MD-TN-LOC
`I_LocationBasic_2`	Location	Basic	TM-MD-TN-LOC
`I_LocationType`	Location Type	Basic	TM-MD-TN-LOC
`I_TranspLocationType_2`	Transportation Location Type	Basic	TM-MD-TN-LOC

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 FPS01

Related Information

Transportation Order Stage Stop Successor Category
Other Legacy Master Data Element Views

12.4.2.23 Collective Settlement for Freight Settlement Integration using Lean Services

Business Details

With this feature, you can group multiple freight documents into a single freight settlement document (FSD) and post them to Materials Management for further processing.

You use the *Monitor Freight Document for Accrual* app to post your freight documents to Materials Management (MM) for further processing in financials. You can post the freight documents either individually or collectively. When you post collectively, then the system doesn't redetermine the charges in the settlement document and all the charges from the freight documents are copied over to the FSD. This ensures that there are no mismatch in charges between the freight documents and the FSD.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable

Technical Object Name	App ID:
	`F4329`
	Report:
	`/SCMTMS/SFIR_CREATE_BATCH`

Application Component	`TM-FRS` (*Freight Settlement*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Collective Settlement
Monitor Freight Documents for Accrual

12.4.2.24 Charge Calculation using Consignment Based Resolution Base

Business Details

With this feature, you can assign a consignment order as a resolution base to calculation sheet items in freight agreements. You use the resolution base *CONSIGNMENT*.

During charge calculation in the freight document, the system retrieves the consignment order details, calculates the charges for the respective consignment orders, and carries out the follow-on settlement processes.

> ⓘ Note
>
> This consignment order must be added as an item in the item hierarchy of the freight document.

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 FPS01

Related Information

Calculation Logic
Consignment Order

12.4.2.25 Charge Hierarchy in Ocean Freight Tendering

Business Details

With this feature, you can use charge hierarchy in ocean freight bookings to propose price limits for your tendering process. You can also use a combination of charge hierarchy and price limit for proposing price limits.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `TransportationOrderBookingConfirmation_In`
Application Component	`TM-FRM-FRT` (*Freight Tendering*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Calculation of Price Limits

12.4.2.26 Integration Time Range for Sales Scheduling Agreements

Business Details

You can control how many schedule lines are included in the transportation process by defining a time range for integration. Depending on the configuration, Transportation Management only integrates certain schedule lines based on your configuration. This prevents performance issues caused by too many schedules being integrated at once.

Implementation Details

You must configure the integration time frame in Customizing activity *Define Rule Groups to Determine Integration Time Range of SAGs*. In this Customizing activity, you define rules and rule groups that determine the integration time range of purchase scheduling agreements and sales scheduling agreements.

Customizing

This activity originally only worked for purchasing scheduling agreements. It now supports both.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`/SCMTMS/VC_RLGRP`
Application Component	`TM-INT-LI-SD` (*Integration with Sales and Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Integration Time Range for Sales Scheduling Agreements

12.4.2.27 Integration with Multistage Intercompany Business Processes

Business Details

Transportation Management (TM) supports multistage intercompany sales and multistage intercompany stock transfer processes.

TM provides integrated stage building, harmonized Incoterm handling, and automated transfer of control management across entities in the logistics chain.

Implementation Details

To enable TM integration with intercompany processes, you must activate the processes in Sales and in Procurement. For more information about the prerequisites for both processes, see the related links section.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-INT-LI-SD` (*Integration with Sales and Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Transportation Management in Multistage Intercompany Business Processes

Posting of Allocated Freight Costs in Advanced and Multistage Intercompany Business Processes
Multistage Intercompany Sales (What's New) [page 385]
Multistage Intercompany Stock Transport (What's New) [page 457]
Multistage Intercompany Sales
Multistage Intercompany Stock Transfer
Prerequisites for Advanced Intercompany Sales
Prerequisites for Advanced Intercompany Stock Transfer

12.4.2.28 Integration Pattern for Advanced Shipping and Receiving and SAP Global Trade Services

Business Details

With this feature, a new integration pattern for Advanced Shipping and Receiving and SAP Global Trade Services (SAP GTS) is available.

For more information, see the Related Links section.

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 FPS01

Related Information

Integration Pattern for Advanced Shipping and Receiving and SAP Global Trade Services [page 497]
Integration with SAP Global Trade Services in Advanced Shipping and Receiving

12.5 Advanced Order Promising

12.5.1 Alternative-Based Confirmation (CA-ATP-ABC)

12.5.1.1 Product Substitution in ABC with Configured Materials and Products with Different Base Units of Measure

Business Details

With this feature, you can configure the substitution of products with different base units of measure and use these substitutions in Alternative-Based Confirmation (ABC). In addition, the availability check now can consider configured materials with certain characteristic values, as defined in the material master (material variants).

In some cases, the base units of measure of the substitute product and the ordered product are different, for example:

- The base unit of version 1 of a brake liquid is bottle.
- The base unit of version 2 of a brake liquid is canister.

One bottle is one liter whereas one canister is two liters.

You maintain the numeric relationship for the unit conversion in the *Numerator for Conversion* and *Denominator for Conversion* fields in the *Manage Substitutions - Products* app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: F4785 (*Manage Substitution - Products*)
Application Component	`CA-ATP-ABC` (*ATP: Alternative-Based Confirmation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Product Substitution

12.5.2 Backorder Processing (CA-ATP-BOP)

12.5.2.1 Enhancements to the Monitor BOP app

Business Details

With this feature, you can view if a requirement was inserted or changed by BOP BAdI in the *Selection Adjustment* column of the *Monitor BOP* app. Also, you now have the option to download the list of requirements which participated in the BOP run in a spreadsheet or PDF format.

Technical Details

Type	New
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 FPS01

Related Information

Monitor BOP Run

12.5.2.2 Enhanced Availability Check in Backorder Processing Runs

Business Details

This feature enables the checking of main items and subitems for availability during the backorder processing (BOP) run. It offers flexibility by allowing you to forcefully recheck main items for availability as needed. This process can evaluate substitutes for the main item and provide confirmations from possible alternatives. It ensures that main items are also selected and checked for availability for subitems included in the BOP run.

Technical Details

Type	New
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 FPS01

Related Information

How to Configure a Variant
Configure BOP Variant

12.5.3 Interactive Backorder Processing (CA-ATP_IAB)

12.5.3.1 Confirmation of Requirements Based on Rounding Profile

Business Details

With this feature, if a rounding profile is set up then the confirmations for requirements are rounded off to the nearest value based on the rounding profile settings.

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 FPS01

Related Information

Interactive Backorder Processing (CA-ATP-IAB)

12.5.3.2 Enabling Option to Accept System Delivery Proposal

Business Details

With this feature, in a manual confirmation change, the system accepts proposed confirmations for a requirement if the *Accept system delivery proposal?* option is enabled in the app settings.

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 FPS01

Related Information

Interactive Backorder Processing (CA-ATP-IAB)

12.5.4 Object and Value Determination (CA-ATP-OVD)

12.5.4.1 Enabling Value Group

Business Details

With this feature, users can define value groups in the characteristic catalogs of Alternative Based Confirmation (ABC) and Business Process Scheduling (BPS). These value groups can be used in Object and Value Determination CVCs, enabling fine granular authority checks.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F5303 (Manage Characteristic Combinations)`
Application Component	`CA-ATP-OVD` (*ATP: Object Value Determination*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Characteristic Catalogs

12.5.5 Product Availability Check (CA-ATP-PAC)

12.5.5.1 Cut-Off Times for Bucket Logic

Business Details

With this feature, you can maintain cut-off times for supply documents per checking group, ATP category, and plant. With the cut-off time, you can influence the aggregation of supplies within a time bucket and shift receipts to a later time bucket, if their date is after the defined cut-off time. This can significantly improve the precision and reliability of the ATP confirmation.

When a supply element (for example, a purchase order or production order) is created, its quantity becomes available at the expected date and time and can be used for confirmations in the availability check. The PAC time series is updated with the respective date and quantity. It aggregates the supply to the start or end of the time bucket (for example, one day). With the new feature, you can configure the aggregation on a more granular level. For an incoming supply, the receipt time is compared to the cut-off time. If the receipt time is before cut-off, the supply is added to the same bucket as before. If the receipt time is after cut-off, the receipt is shifted to the next bucket.

Implementation Details

Customizing

You maintain the cut-off times in Customizing of Advanced Available-to-Promise (aATP) at *Product Availability Check (PAC)* > *Maintain Cut-Off Times for Bucket Logic*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)

Technical Object Name	Configuration Activity: *Maintain Cut-Off Times for Bucket Logic* (`_ATP_PAC_CUTOFF_V`)
Application Component	`CA-ATP-PAC` (*ATP: Product Availability Check*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Bucket Logic and Cut-off Times
Scope of Availability Check

12.5.6 Product Allocation (CA-ATP-PAL)

12.5.6.1 Sales Quotations in Product Allocation

Business Details

With this feature, you can check the requested quantity in sales quotations against product allocation to provide realistic confirmation results for the quotation. A subsequent sales order referencing the quotation takes over the consumed allocation quantities reserved by the quotation and reduces them accordingly.

To provide confirmations, the requirements in the quotation are checked against product allocation with the full requested quantity. The allocation check consumes the full confirmed allocation quantity (independent from the order probability maintained in the quotation) to ensure that the subsequent sales order can also get the full confirmed quantity later on. Once the subsequent sales order is saved, the allocation quantities consumed by the quotation are reduced by the quantity requested in the sales order. If the subsequent sales order is deleted or the requested quantity is reduced, the corresponding allocation quantities are transferred back to the quotation.

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-PAL (*ATP: Product Allocation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Quantity Contracts and Sales Quotations in Product Allocation

12.5.7 Master Data Substitution (CA-ATP-SUB)

12.5.7.1 Enhancements to Manage Substitutions Location and Controls App

Business Details

With this feature, users can fulfill orders by redetermining alternative plants, ignoring the originally requested plant. Users can create a plant location substitution without specifying the plant in the header section in the *Manage Substitutions Location* app . To enable this feature, a new field, *Replace Input Object* is introduced under the *Replace Plant Input Value* tab in the *Manage Substitutions Controls - Location* app. The system determines substitute plants based on the selection made from the drop-down menu of the *Replace Input Object* field.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: `F5312 (Manage Substitution Controls - Locations)` and App ID:`F5314 (Manage Substitutions - Locations)`

Application Component	CA-ATP-SUB (*ATP: Substitution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Substitutions - Locations
Manage Substitution Controls - Locations

12.5.7.2 Deprecated OData API: Plant Substitution Control

Business Details

The OData API Plant Substitution Control (Version 1) is deprecated. It is replaced by the successor OData API Plant Substitution Control (Version 2).

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Application Component	CA-ATP-SUB (*ATP: Substitution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Plant Substitution Control (Version 0001) (Deprecated)

12.5.7.3 OData API: Plant Substitution Control

Business Details

This OData version 4 service enables you to maintain controls relevant to plant substitution by using external system/user interfaces.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Application Component	CA-ATP-SUB (*ATP: Substitution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Plant Substitution Control (Version 0002)

12.5.8 Supply Protection (CA-ATP-SUP)

12.5.8.1 Sales Quotations in Supply Protection

Business Details

With this feature, you can restrict the requested quantity in sales quotations using supply protection. You can restrict sales quotations for different groups, making sales processes more reliable also for customers. With supply protection, a requested quotation belonging to a protected group receives confirmation. A quotation not belonging to a protected group might be rejected. A subsequent sales order referencing the confirmed quotation won't be restricted. The consumed quantity of the quotation is transferred to the sales order.

Without supply protection for quotations, the requested quantity isn't restricted and reduces the available quantity. In such cases, only a referenced sales order might be restricted by supply protection, preventing the sales order from being confirmed. This situation isn't ideal for customers who received a confirmation with the quotation but can't convert it into an actual sales order. It also affects other demands, as the quotation reduces the overall availability.

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-SUP` (*ATP: Supply Protection*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Consuming Supply Protection
Supported and Affected Document Types
How to Use Supply Protection for Quotations Effectively

12.6 Extended Service Parts Planning

12.6.1 Apps in Extended Service Parts Planning

12.6.1.1 Inventory Planning

12.6.1.1.1 Manage Cost Profiles

Business Details

With this application, you can read and maintain cost profiles for each location. The Cost Optimizer engine leverages detailed cost profiles to enhance inventory planning by optimizing economic order quantity (EOQ), safety stock, and target service levels. This feature is essential for inventory planners seeking to minimize costs and improve service efficiency through precise cost-based analysis and decision-making.

A cost profile for a location includes information on zone definitions, handling costs for inbound shipments by defined zone, handling costs for outbound shipments by defined zone, and transportation costs for each available transportation lane and means of transport (as maintained in the transportation lane master data). Additionally, the profile contains fallback transportation costs for each lane. These parameters form the basis for executing the Service PSM Cost Optimizer, enabling the system to determine key planning results.

Implementation Details

Authorizations

To use the application, you must have the business role `SAP_BR_INVENT_PLANNER_SPP` assigned. Additionally, user access can be restricted to a specific location for displaying and maintaining the cost profile by using authorization object `ESPP_DRP` for the field `APO_LOC`.

Customizing

The units of measure (UoM) for volume, weight and length, as well as the currency used to maintain cost profiles (per planning version) in the new application, can be defined in Customizing for *Extended Service Parts Planning* under *Inventory Planning* > *Cost Optimizer* > *Define Units of Measure for Cost Optimizer*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8983`
Application Component	`SCM-APO-SPP-SIP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Cost Profiles
Setting Up Master Data for Inventory Planning

12.6.1.1.2 Safety Stock Overview

Business Details

With this app, inventory planners can analyze safety stock levels for products across different locations within their Bill of Distribution (BOD). It also helps planners gain insights into the reasons behind the current safety stock levels and identify the factors that influence them.

The app provides data representation for two scenarios, enabling targeted actions for affected locations and products.

- *Safety Stock Projections* - This scenario displays the aggregated safety stock results (in quantity) for each location in a bar chart, alongside the forecasted demand (in quantity). Additionally, it features a table that presents the data in tabular form, including key information such as the number of stocking-relevant products, safety stock and demand forecast in monetary value, and more. The default filter includes data for both the main and virtual child locations. You can also navigate from the location-level data to the location product-level data for further root cause analysis.
- *Safety Stock Drivers* - This scenario involves products that are planned using one of the multi-stage inventory planning methods, specifically either embedded multi-stage inventory planning or Cost Optimizer-based planning. It focuses on breaking down safety stock data into its main drivers, which consist of demand variability, supply variability, and service variability. The default view displays the percentage contribution of three variability factors using both a column chart and a table. The location item table includes details such as the total variability contribution in both percentage and quantity, as well as the average safety stock quantity for each location over the selected time period.

Overall, this new analytical app shows calculated safety stock by location and decomposes safety stock into its main drivers.

Implementation Details

The currency unit used to display the monetary value of safety stock or demand forecast key figure values (calculated from the procurement cost field) can be maintained directly in the Fiori app. To do this, click on the settings icon, then navigate to *General*, and select *Currency*. This option is located in the top right corner of the screen, above the filters.

Authorizations

To use the application, a user must have the business role `SAP_BR_INVENT_PLANNER_SPP` assigned.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	App ID: `F8922`
Application Component	`SCM-APO-SPP-SIP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Safety Stock Overview
Inventory Planning

12.6.1.2 Lead Time

12.6.1.2.1 Manage Lead Time Analysis

Business Details

The *Manage Lead Time Analysis* app now features two subsections for improved oversight: *Current Lead Time* and *Results Pending Approval*. This development allows you to efficiently track and manage lead-time analysis outcomes, ensuring timely decision-making and approval processes.

Changes to the User Interface

Two subsections are introduced for improved oversight: *Current Lead Time* and *Results Pending Approval*.

Technical Details

Type	Changed
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 FPS01

Related Information

Manage Lead Time Analysis

12.6.1.3 Simulation

12.6.1.3.1 Manage Mass Maintenance

Business Details

With this feature, the *Manage Mass Maintenance* app has been enhanced in the current release to support additional business functions for mass editing of simulation-specific data.

You can now display, edit, and download data for the following newly supported business functions:

- Product Groups
- Dealer Product Maintenance
- Transportation Cost
- Zone and Handling Cost

These enhancements extend the scope of mass maintenance, enabling you to efficiently manage additional eSPP master data areas within a single application.

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
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Manage Mass Maintenance

12.6.1.3.2 Manage Mass Processing

Business Details

With this feature, the *Manage Mass Processing* app has been enhanced to support additional business functions for mass upload, validation, simulation, and execution.

You can now use the app to maintain data for the following newly supported business functions:

- Product Groups
- Dealer Product Maintenance
- Transportation Cost
- Zone and Handling Cost

These enhancements extend the scope of mass processing beyond the previously supported business objects, enabling efficient simulation, validation, and execution of data changes across additional eSPP master data areas.

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: `F7733`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Manage Mass Processing

12.6.1.3.3 Display Mass Processing Errors

Business Details

With this feature, the *Display Mass Processing Errors* app has been enhanced to support error handling for additional eSPP business functions.

You can now view, download, and correct validation errors for the following newly supported business functions:

- Product Groups
- Dealer Product Maintenance
- Transportation Cost
- Zone and Handling Cost

These enhancements extend error visibility and correction capabilities for mass processing across additional eSPP data areas, using the existing validation log download and re-upload process.

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: `F8221`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

Display Mass Processing Errors

12.6.1.4 OEM-Managed Inventory

12.6.1.4.1 Maintain Bill of Distribution

Business Details

The *Maintain Bill of Distribution* app enables supply chain planners, master data specialists, and distribution managers to maintain BODs efficiently. It also introduces enhanced capabilities such as hierarchical visualization of BOD versions, supporting faster review and decision-making processes.

It fully replicates the functionality of the corresponding GUI transaction `/SAPAPO/BOD001` - *Bill of Distribution* > *Maintain and Display Bill of Distribution* and provides a web-based, user-friendly interface that maintains functional parity with the existing solution.

ⓘ Note

It is mandatory for BOD type *Flex BOD* to be activated when you want to add or remove dealer locations to/from BODs directly when already assigned to products. This prevents BOD inconsistencies, as when you add dealer locations to a BOD, the system does not check whether all products assigned to that BOD exist at the newly added locations. This is also applicable for the SAP GUI transaction `/SAPAPO/BOD001`.

Examples of the User Interface

The application consists of three screens: *List Report*, *BOD Object Page* and *BOD Version Object Page*.

The *BOD Object Page* consists of three sections: *BOD*, *BOD Hierarchy* and *BOD Versions*. For the BOD hierarchy the options *Download Template*, *Upload from Template* and *Mass Create* have been added:

- *Download Template* lets you download a CSV file to your computer. This file has the correct structure for creating a hierarchy. If the table already contains some structure, the downloaded file includes this data.
- *Upload from Template* opens a dialog with a file uploader. You can select a CSV file from your computer to create the BOD hierarchy using the template, rather than the actions provided in the interface. This action is available only in edit mode.
- *Mass Create* is also available only in edit mode and when you select any item from the table. This action allows you to create, delete, or change many "children" of the selected item simultaneously.

The *BOD Version Object Page* is read-only, so the hierarchy for this version cannot be changed.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F9025`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Maintain Bill of Distribution

12.6.1.4.2 Manage Product Group Selections

Business Details

The *Manage Product Group Selection* app allows supply chain planners and master data specialists to efficiently maintain and utilize complex product group combinations. This feature enhances planning accuracy by enabling users to create, preview, and manage product group selections, ensuring seamless integration with Planning Service Manager selections.

Examples of the User Interface

The application has two screens: *List Report* and *Selection Object Page*.

The *Selection Object Page* has four sections: *Selection*, *Product Group Selection*, *Preview*, and *Usages*. In the *Product Group Selection* section, you create combinations of product group types and values. The *Preview* section shows products that match the conditions you set in the *Product Group Selection* section. The *Usages* section lists *Selection Profiles* that use the selections you create. You can navigate to these selection profiles.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F9026`
Application Component	`SCM-BAS-PSM`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Product Group Selections

12.6.2 General

12.6.2.1 Cost Optimizer Service

Business Details

The Cost Optimizer service leverages the Supply Chain Algorithms Library to calculate optimal safety stock and target service levels across a distribution network, minimizing overall costs. By balancing storage, warehouse, handling, and transportation costs, it ensures efficient inventory planning, making it a valuable tool for businesses aiming to optimize their supply chain operations.

The Cost Optimizer service calculates various inventory planning key figures. Its main optimization dimension is the target service level (TSL). It determines the target service level, and consequently the safety stock, in such a way that overall planned costs are minimal. It considers the interdependencies of EOQ and safety stock, as well as variability factors of demand (forecast error) and lead time.

Implementation Details

Customizing

Create a Customizing entry and maintain units of measure for the active planning version in Customizing for *Extended Service Parts Planning* under *Inventory Planning* > *Cost Optimizer* > *Define Units of Measure for Cost Optimizer*.

Create at least one service profile to run the service with in Customizing for *Extended Service Parts Planning* under *Inventory Planning* > *Cost Optimizer* > *Define Service Profile for Cost Optimizer*.

Optionally, conversion factors for weight and volume used in the transportation cost calculation can be defined in Customizing for *Extended Service Parts Planning* under *Inventory Planning* > *Cost Optimizer* > *Maintain MoT Conversion Factors for Calculated Weight and Volume*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`SCM-APO-SPP-SIP`

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Cost Optimizer Service
Inventory Planning
PSM Services for Inventory Planning

12.6.2.2 Intermittent Time Series Forecast

Business Details

The Intermittent Time Series Forecasting (ITSF) model is designed for sporadic, zero-heavy demand time series, offering flexibility in forecasting by estimating non-zero order sizes and time gaps. Integrated into SAP HANA PAL, it allows for automatic tuning and selection within the Automatic Model Selection process, making it ideal for businesses needing precise demand forecasts in environments with irregular demand patterns.

Implementation Details

Customizing

Define an ITSF profile with specific model parameters in the *Define Forecast Service Profiles* Customizing activity in the eSPP Customizing under *Forecasting*, choosing *ITSF Profile* in the dialog structure.

The assignment of the SESO profile to the forecast service profile can be done in the same activity in field *ITSF Profile ID* on the *General Data* tab. The settings for general data are then linked to the forecast service profile (see *Forecast* tab in the same activity).

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 FPS01

Related Information

Forecast with Intermittent Time Series Model

12.6.2.3 Dealer Product Management (Copy/Delete)

Business Details

With this feature, you can copy and delete dealer products. Dealer products define the extension of products to dealer locations (similar to a material master for OEM locations). In this way, you gain flexibility and efficiency in master data maintenance for service parts planning for OEM-managed inventory. Copying enables quick and consistent creation of new dealer products, and the deletion of outdated or no-longer-used dealer products keeps the master data clean and streamlined.

However, in productive use, best practice is for dealer product extensions to be interfaced from dealer systems based on their own product extensions.

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 FPS01

Related Information

Creation and Maintenance of Dealer Products

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 SAP Business Network (42K)

Business Details

Automation of Source-to-Pay with SAP Business Network (42K) now supports the following:

- Receive an automatically generated service entry sheet in SAP S/4HANA, based on an invoice received from a supplier in SAP Business Network (SBN).
- Edit and resubmit service entry sheets as a supplier that were rejected by the purchaser.
- View an indicator (final indicator) in a service entry sheet that denotes it as the final service entry sheet from the supplier for the respective purchase order.
  For more information, see Integration Support to Indicate Final Service Sheet in the 42K Integration Scenario.

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 FPS01

Related Information

Automation of Source-to-Pay with Ariba Network (42K)

13.2 Integration with SAP Concur

13.2.1 Enhanced Support for Unblocking Documents

Business Details

With this release, we enhance the system to automatically unblock documents with the status *Blocked (Temporarily)* or the status *Blocked (Runtime Error)* after a four-week period if the document was set to either *Blocked (Temporarily)* status or to *Blocked (Runtime Error)* status on or after you upgraded your system to 2025 FPS01. This helps to ensure that documents which are not intended for permanent exclusion are available for posting.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`CTE_POST_MONI`
	`CTE_MONI`
	`F8636`

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 FPS01

Related Information

Integrating SAP S/4HANA Systems with SAP Concur

13.2.2 Leading Zeros in the Employee ID

Business Details

When setting up the *Employee Export* in app *Concur Integration Setup* (App ID: *CTE_SETUP*), you can now choose whether to include or exclude the leading zeros in the *Concur Employee ID* if you use the *Central Person ID* or the *Personnel Number* as the *Concur Employee ID*.

To include the leading zeros in the *Employee ID*, on the *Employee ID* step of the *Employee Export* wizard, choose *With Leading Zeros*.

> ⓘ Note
>
> After the initial export run, you cannot change this setting.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`CTE_SETUP`
	`CTE_MONI`
	`F8636`

Application Component	`BNS-CON-SE-S4-HCM` (*Concur S/4HANA Human Ressources Integration*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Integrating SAP S/4HANA Systems with SAP Concur

13.2.3 System Connection Status

Business Details

You can now view the *Connection Status* column on the *Setting Up the Integration with SAP Concur* screen in app *Concur Integration Setup* (App ID: *CTE_SETUP*) to understand if action is required to establish or restore your connection with SAP Concur.

Available statuses:

- *Green Checkmark* - Connection up and running
- *Yellow Warning* - Connection issues detected. Choose *Check Connection* or *Display HTTP Log Entries*. This status may indicate that one or more API calls are failing.
- *Red Warning* - Connection not running yet. Choose *Check Connection*. This may indicate an issue where the current configuration settings need to be modified. For example, incorrect credentials.
- *Red Warning* - Connection not running anymore. Choose *Check Connection*. This may indicate an issue where the current configuration settings need to be modified. For example, the current middleware setup.
- *Red Warning* - Connection interrupted on/after DATE [less than 90 days]. Choose *Check Connection*. This may indicate an issue where the current configuration settings need to be modified. For example, the current middleware setup.
- *Red STOP* - Connection interrupted on/after DATE [on or over 90 days ago]. Reestablish connection to resume automatic jobs.
- *Blue/Black Diamond* - Connection status unknown. Choose *Check Connection*. This status may occur after upgrading your system to a newer version.

For more details, see the *SAP Integration with Concur Solutions – Setup Guide*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`CTE_SETUP`
	`F8636`

Application Component	`BNS-CON-SE-S4` (*Concur Suite Enablement S/4HANA Integration*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Related Information

Integrating SAP S/4HANA Systems with SAP Concur

13.3 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.

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. The links to the information for the new types are available in the *Additional Information* table.

Additional Information

Type of Master Data	Solution area	Relevant scope items	Application component	Link to documentation	Additional Information
Profit Center	Finance	J58 (Accounting and Financial Close)	`EC-PCA-MD` (*Profit Center Accounting - Master Data*)	Profit Center Replication	Not applicable

Technical Details

Type	New
Functional Localization	No localization
Scope Item	See table above
Technical Object Name	See table above
Application Component	See table above
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Integration with SAP Master Data Integration

13.4 Country/Region Specifics

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

14 Industries

14.1 Consumer

14.1.1 Agriculture

14.1.1.1 SAP Agricultural Contract Management

14.1.1.1.1 Net Dry Inventory Details

Business Details

With this transaction, you can view the details of events which have changed the weighted average of analysis characteristics that are associated with the goods movements and net dry inventory for a material in a specific storage location.

Effects on System Administration

You must have the necessary authorization to execute the transaction `/ACCGO/NETDRY_DETAIL - Net/Dry Inventory Details` (*SAP Menu* > *Agricultural Contract Management* > *Contract Application* > `/ACCGO/NETDRY_DETAIL - Net/Dry Inventory Details`).

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`/ACCGO/NETDRY_DETAIL - Net/Dry Inventory Details`
Application Component	`LO-AGR-CM` (*Commodity Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Valid as Of	2025 FPS01

14.1.1.1.2 Net Dry Inventory Calculation

Business Details

With this transaction, you can calculate the weighted average of analysis characteristics that are associated with the goods movements and net dry inventory for a material in a specific storage location.

Effects on System Administration

You must have the necessary authorization to execute the transaction `/ACCGO/NETDRY_CALC - Calculation of Net/Dry Inventory` (*SAP Menu* > *Agricultural Contract Management* > *Contract Application* > `/ACCGO/NETDRY_CALC - Calculation of Net/Dry Inventory`).

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`/ACCGO/NETDRY_CALC - Calculation of Net/Dry Inventory`
Application Component	`LO-AGR-CM` (*Commodity Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

14.1.1.1.3 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.
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

14.1.1.1.4 Copy Mode of Transport Details from Nomination Header and Apply to Item

Business Details

With the new functionality you can copy the Mode of Transport from the nomination header and apply the same to the nomination item. This can be achieved while creating new items in a nomination.

When this feature is not enabled in customizing, the Mode of Transport details for the nomination item is determined based on the document entered in the nomination item.

Effects on Customizing

The related customizing activity is available under *Global Trade Management* > *Agricultural Contract Management* > *Nomination Settings* > *Copy MoT Details from Nomination Header and Apply to Item*. It can be turned on or off by *Nomination Type*.

Technical Details

Type	Changed

Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Transaction: `O4NM`
Application Component	`IS-OIL`
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

14.1.1.1.5 Enhanced Fiori App Maintain ACM Applications

Business Details

There are two new features available in the *Maintain ACM Applications* app:

- With the new functionality in this app, you can retrieve the latest weight of an application item before running the apply step for a single application document. In some circumstances (such as a scale ticket was received while the application document was in reversed status), the weight is shown as application quantity and is not actually the weight that is applied. This feature allows you to retrieve the latest weight by choosing the button *Fetch Latest Weights*.
- With the new functionality, the action *Link to Contract* feature can be used to trigger the reapplication for the application document items that are in `Provisionally Applied` status.

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 FPS01

14.1.1.1.6 Enhanced Fiori App Process ACM Price Lots

Business Details

With the new functionality in this app, you can:

- Filter price lots by consumption
- Select the number of records based on threshold value

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.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	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

14.1.2 Consumer Products

14.1.2.1 Revenue Growth Management

14.1.2.1.1 Revenue Growth Management Claims

14.1.2.1.1.1 Manage Claim Settlements

Business Details

This feature enables you to automatically initiate settlement creation when claim requests reach an approved or partially approved status, streamlining the transition from claim validation to financial settlement processing.

When you approve a claim request, the system automatically triggers settlement creation for each condition contract used in the validation process. Once the system confirms successful settlement creation, it updates the validation status to Settled and makes the validation read-only to preserve data integrity.

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.

Customizing

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 FPS01

14.1.2.1.1.2 ODATA API: Revenue Growth Management Claim Request

Business Details

With this feature, you can create, read, and update Revenue Growth Management Claims using synchronous inbound service.

The API allows you to read claim requests, headers, item, items (with tax information), notes, and other references. You can also create new claim requests and manage existing claims through creation of items, items (with tax information), notes, and other references, as well as updates to headers, items, and other references.

This service is published on the SAP Business Accelerator Hub (https://api.sap.com).

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

14.1.2.2 Last Mile Distribution for Direct Distribution

14.1.2.2.1 OData API: *Visit List Schedule*

Business Details

With this feature, you can create, update, and delete visit list schedules.

Visit list schedules are used for long-term planning and scheduling of customer visits and deliveries on delivery routes. A visit list schedule is a static plan, in which customers are grouped based on various criteria such as visiting days, routes, and specific vehicle-driver combinations. Visit list schedules can be used to generate visit lists. Transportation planners can use visit list schedules to plan customer visits and deliveries that recur periodically.

Visit list schedule data, for example, customers, sales organization, and visiting recurrences, can be created by using a third-party solution. This data can be imported into SAP S/4HANA by using the OData version 4 (V4) service *Visit List Schedule* is used. For more information about this service, see Visit List Schedule in the API documentation.

This service is published on the SAP Business Accelerator Hub (https://api.sap.com).

Implementation Details

Authorizations

For more information about setting up authorizations to import visit list schedules that were created in an external system, see Set Up Authorizations for OData Service LASTMILEVISITLISTSCHEDULE.

Customizing

To be able to use visit list schedules, you must set up visit list schedule management. For more information, see Visit List Schedule Management.

Effects on Existing Data

The *Visit List* entity (`VisitList`) has been enhanced with the visit list schedule UUID (`LstMiVstListSchedUUID`). For more information about the *Visit List* entity, see Visit List Schedule.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `LSTMIVSTLISTSCHEDULE`
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Delivery of Ordered Goods

14.1.2.2.2 Enablement of Order-Related Billing Document Processing

Business Details

With this feature, you can enable the creation of order-related billing documents in Last Mile Distribution in addition to the existing delivery-related billing process in SAP S/4HANA Sales.

> Note
>
> This feature is available as of the following releases:
>
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2023
> - SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2025

SAP S/4HANA Sales supports the following billing processes:

- **Delivery-related billing**: Billing documents are created after a delivery has been completed.
- **Order-related billing**: Billing documents are created based on sales orders.

Order-related billing is now supported in Last Mile Distribution, allowing billing documents to be created prior to delivery. As a result, customers can meet legal requirements or fulfill specific requests where a billing document is needed before the delivery of goods takes place.

For more information, see Billing Document Creation.

Implementation Details

The existing billing-related implementation classes, which were primarily focused on delivery-related billing, have been enhanced to support order-related billing.

> ⓘ Note
>
> This feature is available as of SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2023. For more information, see SAP Note 3627843.

Customizing

To enable order-related billing in Last Mile Distribution, the following customer sales transaction types (CSTTs) have been enhanced or introduced:

Enhanced CSTTs (Supporting Both Billing Processes):

- *04 - Check-Out - Quantity Increase*
- *05 - Check-Out - Quantity Decrease*
- *06 - Difference Negative*
- *07 - Difference Positive*
- *11 - Unplanned Delivery - Sales Item*
- *12 - Unplanned Delivery - Return Item*
- *13 - Unplanned Delivery - Empties Item*
- *14 - Mobile Sales Document - Sales Item*
- *15 - Mobile Sales Document - Return Item*
- *16 - Mobile Sales Document - Free Goods Sales Item*
- *19 - Unplanned Delivery - Free Goods Sales Item*

New CSTTs for Order-Related Billing:

- *22 - Ord.-Rld Bill.: Plnd Dlv. - Sales Item Qty Incr.* (Order-Related Billing: Planned Delivery - Sales Item Quantity Increase)
- *23 - Ord.-Rld Bill.: Plnd Dlv. - Sales Item Qty Decr.* (Order-Related Billing: Planned Delivery - Sales Item Quantity Decrease)
- *24 - Ord.-Rld Bill.: Plnd Dlv. - Unplanned Return Item* (Order-Related Billing: Planned Delivery - Unplanned Return Item)
- *25 - Ord.-Rld Bill.: Plnd Dlv. - Unplnd Empties Item* (Order-Related Billing: Planned Delivery - Unplanned Empties Item)
- *26 - Ord.-Rld Bill.: Plnd Dlv. - Plnd Ret. Itm Qty Chg.* (Order-Related Billing: Planned Delivery - Planned Return Item Quantity Change)
- *27 - Ord.-Rld Bill.: Plnd Dlv. - Free Gds Itm Qty Incr.* (Order-Related Billing: Planned Delivery - Free Goods Item Quantity Increase)
- *28 - Ord.-Rld Bill.: Plnd Dlv. - Free Gds Itm Qty Decr.* (Order-Related Billing: Planned Delivery - Free Goods Item Quantity Decrease)
- *29 - Ord.-Rld Bill.: Plnd Dlv. - Plnd Ret. Itm Qty Incr* (Order-Related Billing: Planned Delivery - Planned Return Item Quantity Increase)
- *30 - Ord.-Rld Bill.: Plnd Dlv. - Plnd Ret. Itm Qty Decr* (Order-Related Billing: Planned Delivery - Planned Return Item Quantity Decrease)

> ⓘ Note
>
> For more information, see the corresponding Customizing documentation in Customizing for *Logistics Execution* under *Last Mile Distribution* > *Route Settlement* > *Define Customer Sales Transaction Types*.

Limitations:

- **Mixed Billing Processes**: A single sales document (sales order or return order) cannot contain both delivery-related and order-related billing items. However, a route might include both delivery-related billing and order-related billing documents.
- **Billed Items**: SAP S/4HANA does not allow to modify items once they are billed. For order-related billing, pricing conditions sent with mobile billing documents apply only to new items created due to quantity changes. Discounts without quantity changes cannot be applied.
- **Scenarios with SAP Omnichannel Promotion Pricing**: Quantity increases that lead to new discounts only apply to newly created items. It is possible that this behavior leads to negative item values.
- **Partial Billing**: When the settlement process is started, only fully billed or unbilled orders are supported. Partially billed orders cannot be processed.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`LMD_ROUTE_SETTLEMENT`
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Creating an Invoice

14.1.2.2.3 Enhanced Transaction Type Assignment for Settlement

Business Details

With this feature, you can define additional key fields to adjust the settlement process according to your business needs.

During settlement, the system builds work packages and searches for suitable entries in Customizing. With the introduction of three additional key fields, the settlement process can be controlled in a more granular way. You can use additional input parameters, such as a business partner attributes, to influence the behavior of a transaction type during the settlement run.

Three new Business Add-In (BAdI) definitions have been created to allow filling the three corresponding additional key fields in Customizing.

Implementation Details

During settlement, the system searches for suitable entries in the Customizing activities *Assign Sales Documents to Customer Sales Transaction Types* and *Configure Route Stock Transfer*. In these Customizing activities, the system searches for entries with a specific combination of key fields like *Route Type*, *Execution Organization*, or *Plant*. Each entry in the Customizing activities is assigned to a transaction type. This transaction type determines the steps performed during the settlement run.

To assign values to the additional key fields, three new BAdIs are available that are called during route settlement.

You can use the provided BAdI implementation `LMD_RTSL_CST_CSTT_CSTO_ACCS_DF` to fill the additional key fields with the following values:

- *Customer Group*
- *Route Category*
- *Category of Original Document*

To use the provided BAdI implementation, you must enter the relevant parameters in the Customizing activity *Define Additional Settlement Parameters* (`V_LMD_RTSLADDSTG`) in Customizing for *Logistics Execution* under *Last Mile Distribution* > *Route Settlement*. For more information about additional key fields, see Transaction Types Processing and refer to the system documentation of the corresponding Customizing activity or BAdI.

Customizing

The following BAdIs have been introduced in Customizing for *Logistics Execution* under *Last Mile Distribution* > *Business Add-Ins (BadIs)* > *BAdIs for Route Settlement*:

- *BAdI: Addl Key Field Adaptation for CSTT Assignments - Customer Documents* (`LMD_RTSL_CST_CSTT_CSTO_ACCESS`)
  Additionally, SAP provides a BAdI implementation (`LMD_RTSL_CST_CSTT_CSTO_ACCS_DF`).

- *BAdI: Addl Key Field Adaptation for CSTT Assgmts - Check-Out/Check-In Diffs* (LMD_RTSL_CST_CSTT_COCI_ACCESS)
- *BAdI: Addl Key Field Adaptation for Route Stock Transfer - Config. Access* (LMD_RTSL_CST_RSM_TTA_ACCESS)

Effects on Existing Data

The Customizing activities *Assign Sales Documents to Customer Sales Transaction Types* (LMD_RTSLSLSCFG) and *Configure Route Stock Transfer* (V_LMD_RS_DOC_CTR) now support three additional key field columns. Each field can be equipped with a value help to facilitate value maintenance. These search helps can be extended if needed.

> **Note**
>
> To use value helps for additional key fields, you must append the following objects to include suitable search helps:
>
> - Search helps for customer sales transaction types:
>   - LMD_RTSL_CST_TTA_CSTT_ADDKEY_1
>   - LMD_RTSL_CST_TTA_CSTT_ADDKEY_2
>   - LMD_RTSL_CST_TTA_CSTT_ADDKEY_3
> - Search helps for transaction types for route stock transfer:
>   - LMD_RTSL_CST_TTA_RST_ADDKEY_1
>   - LMD_RTSL_CST_TTA_RST_ADDKEY_2
>   - LMD_RTSL_CST_TTA_RST_ADDKEY_3

For more information about the creation of search helps, see Creating an Append Search Help and Creating Collective Search Helps.

In addition, with the Customizing activity *Define Additional Settlement Parameters*, you can activate the additional key fields of the provided BAdI implementation (LMD_RTSL_CST_CSTT_CSTO_ACCS_DF).

To use the provided BAdI implementation, add the following parameters:

- CST_TTA_CSTT_ADKY_CUST_ADD_DTA: Enter a number between 1 and 3 to indicate which additional key field is to be filled. Example: **1**
- CST_TTA_CSTT_ADKY_CUST_AD_DT_I: Enter a number between 1 and 5 to select the *Customer Group* field, you want to use as additional key field.

  > **Note**
  >
  > The customer groups are maintained in transaction BP (Customer role: *Sales and Distribution* > *Sales Area* > *Additional Data* > *Customer Groups*).

- CST_TTA_CSTT_ADKY_ORI_DOC_CATG: Enter a number between 1 and 3 to indicate which additional key field is to be filled with the category of the original document. Example: **2**
- CST_TTA_CSTT_ADKY_ROUTE_CATEG: Enter a number between 1 and 3 to indicate which additional key field is to be filled with the route category. Example: **3**

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	*Assign Sales Documents to Customer Sales Transaction Types* (LMD_RTSLSLSCFG) *Configure Route Stock Transfer* (V_LMD_RS_DOC_CTR)
Application Component	LE-LMD (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.1.2.2.4 Custom Program Development for Accessing Check-In Data (RAP API)

Business Details

With this feature, you can create, read, update, and delete final check-in data of a route. This includes information about the products unloaded from the vehicle or payments collected by the driver during route execution.

Typically, route execution is completed when the driver returns to the warehouse after the completion of all customer visits to check-in empties, returns, or unsold products. However, some business processes might not always require the final check-in stop or final check-in is performed at a later point in time. Moreover, check-ins could occur at different locations, such as at the warehouse ramp instead of the gate, and may be executed by warehouse staff rather than the driver.

This business object is published on the SAP Business Accelerator Hub (https://api.sap.com/cdsviews/PCE_C_LASTMILEVISITDEX).

Implementation Details

A business object is provided to be able to access check-in data and to use this data for individual business needs. With this business object, check-in data can be accessed to create, read, update, or delete check-in data of a route. This data can be used, for example, to create a custom application for a warehouse clerk. The business object interface `I_LSTMIROUTETP` enables access to check-in data for custom applications.

The following key features are supported:

- Warehouse clerks can validate and adjust check-in data, such as quantities or payments, before final settlement.
- External systems can access check-in data to manage processes without mobile data uploads.
- Intermediate settlement and/or final settlement can be triggered.
- Recorded check-in data can be downloaded from the *Settle Route Data* app. Check-in data can then be updated and uploaded if necessary.

Authorizations

Only authorized roles can create, read, update, or delete check-in data. Users need authorizations for the following relevant objects:

- `LMD_RT`
- `LMD_PRF`

For more information about the authorization objects, see Authorization Objects in Last Mile Distribution.

> Note
>
> In privileged mode, the authorization checks are skipped.

Customizing

When working in a mobile scenario, the settlement process starts only after the mobile adapter has confirmed that all stops have been successfully uploaded. If the check-in stop is customized to be optional for the mobile upload, the settlement process can begin without it. To be able to ignore the check-in stop and to proceed with route settlement, a new Customizing activity has been added to Customizing for *Logistics Execution* under *Last Mile Distribution* > *Mobile Adapter* > *Mobile Data Upload* > *Configure Mobile Data Upload* (`V_LMD_MA_DATUPLD`).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`I_LSTMIROUTETP` (*Interface Definition for Last Mile Route*)
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.1.2.2.5 Editing of Visit Lists Before Final Route Planning

Business Details

This feature enables you to edit visit lists before final route planning. You can also benefit from enhancements that improve the sorting of sequence numbers or the creation and deletion of visits.

As a transportation planner, you might need to change a driver due to illness or a vehicle due to damage during route planning. Previously, you had to create a new visit list to assign a different driver or vehicle to a route. Now, you can edit the visit list directly.

Implementation Details

The *Edit Visit Lists* app now supports the following new key features:

- **Edit visit lists before final route planning**
  You can now change drivers and vehicles before final route planning is completed and a freight order is created. The system checks that the driver's sales area matches the visit list's header sales area. If the driver is changed and at least one load request has already been delivered, the sold-to party must be manually changed.

  > ⓘ Note
  >
  > If any load request has already been delivered, the system raises an error and prevents changes to the sold-to party for all load requests, even those that are undelivered.

- **Sort visits by sequence numbers**
  Visits are now sorted by sequence numbers, which helps you to quickly find a visit's position within a route. A *Visit Sequence* column has been introduced on the visits details tab. Sequence numbers must be unique within a visit list (0 is not considered a sequence number). There can also be visits without sequence numbers and/or planned start or end times, but this might lead to unreasonable sorting. Sorting is primarily based on ascending sequence numbers and then by ascending planned start or end times by taking into account the time zone of the visit in question.

  > → Recommendation
  >
  > Use either sequence numbers or planned start or end times, but not both, to avoid errors during processes such as freight order creation. If multiple visit lists are combined into one freight order, use planned start and end times instead of sequence numbers.

- **Add or delete visits**
  You can now create, update, or delete visits in the *Edit Visit Lists* app.

  > ⓘ Note
  >
  > When you delete a visit, all related subobjects, such as visit items or product proposals, are also deleted without warning.

When a visit has been added, the system checks if the sales area of a new customer matches the visit list's header sales area. If there are differences, the system issues a warning message, and follow-on processes might run into an error later on. If a sequence number is assigned to a visit, it must be unique.
The system validates planned start and end times by using the visit's time zone as follows:

- If visits with sequence numbers exist, the system compares only their times, not those without sequence numbers.
- If no visits have sequence numbers, the system compares the times of all visits.

If a validation fails, the system displays a warning message. Ignoring these warnings might lead to errors in follow-up processes, such as freight order creation.

Authorizations

To display visit list data and to create and manage load requests in the *Edit Visit Lists* app, special authorizations are needed. For more information, see Set Up Authorizations for the Edit Visit Lists App.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	*App ID*: F5221
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Edit Visit Lists
Visit List Management

14.1.2.2.6 Enablement of Requested Delivery Date Determination Based on Visit List Schedules

Business Details

With this feature, you can enable the determination of requested delivery dates for sales orders in Last Mile Distribution to support visit list schedules.

Previously, when the system was configured to use visit lists as a data source, the system had to find a visit list to determine a requested delivery date (RDD). This dependency has now been removed: If no suitable visit list is available, the system can now determine an RDD based on a suitable visit list schedule as a fallback. Thus, when visit lists have not yet been generated early in the planning process, customer service can still determine an RDD, making long-term planning activities easier and more accurate.

For more information about visit list schedules, see Visit List Schedule.

> ⓘ Note
>
> This feature is available for delivery routes only.

Implementation Details

This feature ensures more reliable RDD determination by considering visit list schedules.

Customizing

Two new Business Add-Ins (BAdIs) allow you to influence the RDD determination. These BAdIs can be found in Customizing for *Logistics Execution* under *Business Add-Ins (BAdIs)* > *BAdIs for Integration with SAP S/4HANA Sales*:

- *BAdI: Adjustment of Visit List Schedule Type for Requested Delivery Date* (`LMD_VC_RDD_VLS_TYPE_DET_BADI`)
  You can use this BAdI to adjust the visit list schedule type. The visit schedule type specifies the number ranges for visits and visit list schedules, as well as the default sales area.
- *BAdI: Adjustment of Requested Delivery Date Based on Visit List Schedule* (`LMD_VC_VLS_RDD_DET_DEL_DT_BADI`)
  You can use this BAdI to adjust a requested delivery date which was determined by the system based on a visit list schedule. When a sales order is created, the system automatically calculates a requested delivery date based on a visit list or a third-party visit list planning system. If the system is configured to calculate a requested delivery date based on a visit list and no suitable visit list is available, the system searches for a delivery date in a visit list schedule.

Effects on Existing Data

A new field called *Search Horizon* has been added in Customizing for *Logistics Execution* under *Last Mile Distribution* > *Integration* > *Integration with SAP S/4HANA Sales* > *Define Requested Delivery Date Determination for Sales Orders* (`LMD_VC_RDD_DET`). The search horizon indicates the number of days which the system uses to determine the end date of the search period. If no value is set, the system uses 20 days as the default search horizon. You can set the search horizon in the Customizing activity *Define Requested Delivery Date Determination for Sales Orders*. The system searches for suitable visit lists or visit list schedules by taking into account the search horizon and the lead time in alignment with the standard logic of SAP S/4HANA Sales.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`LMD_VC_RDD_DET`
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Visit List Schedule Management
Visit List Management

14.1.2.2.7 Release of Multiple Visit List Schedules

Business Details

With this feature, transportation planners or technical users can release multiple visit list schedules.

Transportation planners and technical users can schedule a background job to automatically release multiple visit list schedules. Additionally, the report can also be run manually to simulate the release of selected visit list schedules.

For more information about visit list schedules in general, see Visit List Schedule Management.

Implementation Details

Previously, it was only possible to release individual visit list schedules with the *Manage Visit List Schedules* app. The *Visit List Schedules: Mass Processing* report (`P_LMD_VLS_MASS_PROCESSING`) allows transportation planners and technical users to simulate and release multiple visit list schedules.

The report can be scheduled as a background job to release specified visit list schedules at a specific time. After the report has run, the output or result of the simulation or productive run is displayed. When the report is scheduled as a background job, the results are also shown in the spool.

You can use the *Visit List Schedules: Mass Processing* report to do the following:

- Run the report based on entered selection criteria, for example, a single visit list schedule, and immediately see which visit list schedules were released or run the report as a background job.
- Run the report for a single visit list schedule.
- Schedule a background job for specified visit list schedules to release multiple visit list schedules at a specific time.
- Specify different criteria to select visit list schedules to be processed, for example, visit list schedule type, execution organization or driver ID.
- Specify the package size for the number of visit list schedules to be processed within one transaction.

> ⓘ Note
>
> The simulation and release can only be successful, when all visit list schedules in a package are processed successfully. Otherwise, the process is canceled for all visit list schedules in the package.

- Save your selection criteria as a variant.

For more information about the *Visit List Schedules: Mass Processing* report, see Visit List Schedules: Mass Processing.

Authorizations

The *Visit List Schedules: Mass Processing* 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 Mass Processing.

Effects on Existing Data

Visit list schedules that have been released with the *Visit List Schedules: Mass Processing* report can be processed by the *Visit List Generation* report. For more information, see Visit List Generation.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`P_LMD_VLS_MASS_PROCESSING`
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Visit List Schedules

14.1.3 Retail and Fashion

14.1.3.1 Fashion and Vertical Business

14.1.3.1.1 Manage Product Segmentation App

Business Details

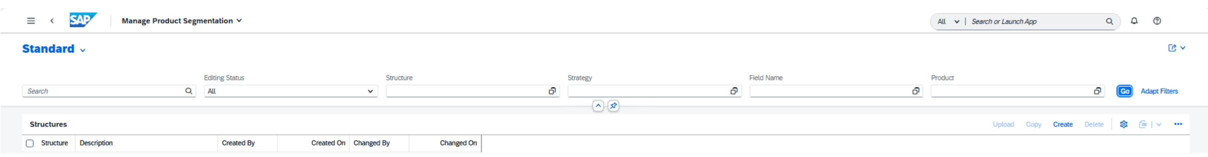
With *Manage Product Segmentation* Fiori app, you can maintain structures and related strategies and assign them to products. This new Fiori app has been introduced to manage product segmentation setup and it includes the features available in transaction code `SGT_SETUP`, along with additional features.

Segmentation can be useful if a product exists in multiple variations that are not too different, meaning that distinct product master records are not necessary. The different variations of the product are defined with (combinations of) characteristics. Typical examples are country/region of origin, quality levels, certification levels, versions, or packaging.

The general assumption is that segmentation goes together with batch management which ensures that stock can be distinguished according to the characteristic values.

> ⓘ Note
>
> SAP recommends transitioning to this Fiori app to fully leverage new features going forward.

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

Authorizations

To enable users to access this app, their business users need to have the business role `SAP_BR_SEGMTN_MD_SPCLST`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`App ID: F9022`
Application Component	`LO-RFM-SGT` (*Segmentation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Product Segmentation App

14.1.3.1.2 Manage Default Segmentation Catalogs App

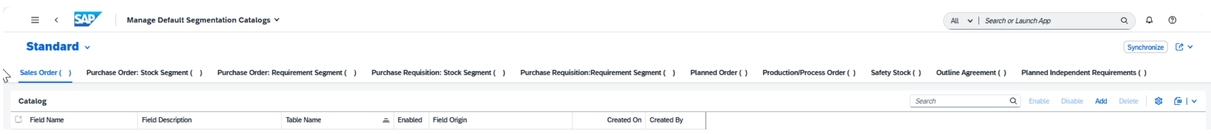
Business Details

With *Manage Default Segmentation Catalogs* Fiori app, you can add fields in addition to default fields for the application areas such as Sales Order, Purchase Order: Stock Segment, Purchase Order: Requirement Segment, Purchase Requisition: Stock Segment, Purchase Requisition:Requirement Segment, Planned Order, Production/Process Order, Safety Stock, Outline Agreement, and Planned Independent Requirements.

These added fields are then available in the *Manage Default Segmentation Rules* app once enabled.

Each application area is handled in separate tabs. Application based fields are shown in the respective tabs.

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

Authorizations

To enable users to access this app, their business users need to have the business role `SAP_BR_SEGMTN_MD_SPCLST`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`App ID: F9069`
Application Component	`LO-RFM-SGT` (*Segmentation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Default Segmentation Catalogs App

14.1.3.1.3 Manage Default Segmentation Rules App

Business Details

With *Manage Default Segmentation Rules* Fiori app, you can create and update default segment values in the application areas such as Sales Order, Purchase Order: Stock Segment, Purchase Order: Required

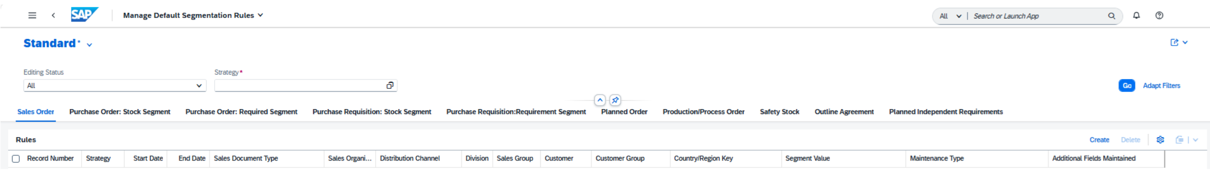
Segment, Purchase Requisition: Stock Segment, Purchase Requisition:Requirement Segment, Planned Order, Producion/Process Order, Safety Stock, Outline Agreement, and Planned Independent Requirements by creating or updating segmentation rules.

This new Fiori app has been introduced to manage default segmentation rules and it includes the features available in transaction code `SGT_DEFAULT`, along with additional features.

You can create and maintain the data for the dynamic source to derive default segment values in these application areas. Each application area is handled in separate tabs. Application based fields are shown in the respective tabs along with validity dates.

> ⓘ Note
>
> SAP recommends transitioning to this Fiori app to fully leverage new features going forward.

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

Authorizations

To enable users to access this app, their business users need to have the business role `SAP_BR_SEGMTN_MD_SPCLST`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`App ID: F9070`

Application Component	LO-RFM-SGT (*Segmentation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Default Segmentation Rules App

14.1.3.1.4 Enhancements to Segmentation Mapping in Documents from SAP S/4HANA to PP/DS

Business Details

You can now map material reservation documents with segmentation, that are created using transaction code MB21, from SAP S/4HANA to PP/DS with the corresponding segmentation values.

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 FPS01

Related Information

Segmentation Mapping in Documents from SAP S/4HANA to PP/DS

14.1.3.1.5 Asynchronous SOAP APIs for Application Variant

Business Details

With the new APIs, as a part of inbound service the application variants master data can be created, updated, or deleted using the SOAP API framework and provide confirmation asynchronously. As a part of outbound service, the application variant master data can be from Data Replication Framework (DRF) to external system and response can be received on successful/ error processing.Standard AIF and DRF logging are enabled to track execution flow.

Following are the APIs:

- Application Variant Request (Inbound)
- Application Variant Confirmation (Outbound)
- Application Variant Request (Outbound)
- Application Variant Confirmation (Inbound)

> ⓘ Note
>
> Apart from the above APIs, now the Application Variant's different operations are also enabled to register the change logs.

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*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

APIs for Application Variant

14.1.3.1.6 Monitor Supply Assignment Demand App – Enhancements

Business Details

The Monitor Supply Assignment Demand application is enhanced with the following features:

- *Enablement of IFO*- Change the allocation status of the demand documents that are assigned to the inbound deliveries through Release or Block actions .
- *Supply Selection in Assign Action*- New fields are added in the Assign popup window in the Supply selection in Assign Action.
- *Manage Confirmations*- Transfer the confirmed quantities of the assigned quantities.

- Enablement of IFO- You can change the status of the demand documents that are assigned to the inbound deliveries through Release or Block actions. In the Release action, it's possible to change from R (On Reservation) status to C (IFO Assignment) status. In the Block action it's possible to change from C (IFO Assignment) status to R (On Reservation) status.
- Supply Selection in Assign Action- In the Supply selection in Assign Action new fields are added in the Assign popup window. These include Batch, Storage Location, Purchase Order, Inbound Delivery and Production Order fields. This will help influencing the business to provide the stock element details at run time. If any of the new stock fields are provided during assign action, supply selection rule inside supply assignment rule will be ignored during assignment process.
- Manage Confirmations- Transfer the confirmed quantities of the assigned quantities from one demand document to others based on the supply assignment rule. The new feature ensures that confirmations adhere to the supply assignment rule, incorporating both the supply sorting rule and the method and strategy used.

Implementation Details

Authorizations

To enable users to access this app, their business users need to have the following business role: *SAP_BR_ORDER_FULFILLMNT_MNGR_R*.

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 FPS01

Related Information

Monitor Supply Assignment Demand
IFO Assignment

14.1.3.1.7 Direct Ship Alignment - OData API Results Visualization

Business Details

With this feature, you can view purchase orders aligned through the ODATA API (`API_ALIGN_PURREQN`) in the *Monitor Alignment* Fiori app. Previously, it was only possible to view purchase orders aligned through the *Schedule Alignment* Fiori app. This is also enhanced, when purchase orders are aligned through ODATA API.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`App ID: F4105`
Application Component	LO-RFM-SD and LO-RFM-PUR(*Sales and Distribution for Retail & FashionPurchasing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Monitor Alignment

14.1.3.1.8 Quantity Match Optimization Enhancement

Business Details

Quantity match optimization in purchase order alignment enables the system to align purchase order items seamlessly without creating additional line items. When the system finds a purchase order with the same quantity as the account assigned purchase requisition, it aligns the items within the existing purchase order line item instead creating a new line item. This feature is now available in:

- *Purchase Order Workbench (FSH_PWB)*, as a *Quantity Match Optimization* check box in the selection parameter
- *ODATA API*(API_ALIGN_PURREQN) for Alignment
- *Schedule Alignment* Fiori application (F3614)

.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`App ID: F3614`
Application Component	`LO-RFM-PUR` (*Purchasing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Monitor Alignment
Alignment - Purchase Requisition to Purchase Order

14.1.3.1.9 Purchase Order Consolidation - Generic Article Generation

Business Details

With the *Manage Purchase Orders – Fashion* Fiori app, it is also possible to create a consolidated purchase order with the generic article creation functionality respecting the existing customizing to create the GA (generic article) line item in the new purchase order. Earlier the generic article generation during consolidation was not possible through *Manage Purchase Orders – Fashion* Fiori app.

Implementation Details

Authorizations

To enable users to access this app, their business users need to have the following role assigned: *SAP_BR_PURCHASER_RFM*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`App ID: F5391`
Application Component	`LO-RFM-PUR` (*Purchasing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Purchase Order Consolidation

14.1.3.1.10 Generic Article BOM Maintenance - Performance enhancements

Business Details

With this new customizing activity, you can improve the performance of generic BOM processing (create, update, or delete) using various optimization techniques.

- *Background Remote Function Call (bgRFC) processing* - Variant BOM processing is performed in bgRFC queue processing instead of transactional RFC processing.
- *Parallelization* -All variant BOM processing is performed in parallel using the PFW or parallelization framework.
- *Delta Handling* - Only the changed variants or components are considered for processing.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`LO-RFM-PP` (*Production Planning for Fashion*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Bill of Material for Generic Articles

14.1.3.2 Retail for Merchandise Management

14.1.3.2.1 Additional Fields in POS Outbound SOAP Service Message

Business Details

You use the `Product Merchandise Data – Replicate (Asynchronous A2A)` SOAP service with DRFOUT implementation to replicate retail store-specific product master data from SAP S/4HANAsystem to the POS system. The XML structure of this SOAP service is enhanced with the additional fields mentioned below:

- `StoreSaleStartDate`
- `StoreSaleEndDate`
- `ProductSalesProcessUsabilityProfileCode`
- `ProductSalesProcessUsabilityProfileValidityDate`
- `ProductSalesStatusDescription`
- `SerialIdentifierAssignmentProfileCode`
- `BatchManagementRequiredIndicator`

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `ProductMerchandiseViewReplicationBulkRequest_Out`
Application Component	`LO-RFM-IFC-OUT` (*POS Interface - Outbound*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Product Merchandise Data – Replicate (Asynchronous A2A)

14.1.3.2.2 Creation of Sales Order in Store for Immediate Pickup and Later Pickup Scenarios

Business Details

As a store associate, you can create and manage a sales order that includes items for immediate pick-up and items for pick-up at a later date or time, all within the same order. This feature allows you to:

- Capture customer requirements for both immediate and later pick-up.
- Process the picking requests for items scheduled for later pick-up.

The key benefits of using the mixed pick-up scenario is as follows:

- Meet customers' requests quickly and intuitively in stores.
- Support the sales order process for goods that need to be procured from a distribution center or supplier, which is essential for segments such as consumer electronics, do-it-yourself (DIY), specialty retail, or fashion retail.
- Increase customer retention and revenue.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`LO-RFM-STO-COM` (*In-store Customer Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

In-Store Customer Order Fulfillment

14.1.3.2.3 Click-and-Ship (Home Delivery) Process for Sales Order Fulfilment in Store

Business Details

With this feature, you can order products online or in-store and have them delivered directly to your home or any address of your choice. The process involves:

- You as a customer can order and pay for the products online or in store. The items will be delivered to the address you provide.
- Store associates to create sales orders, choose a carrier, prepare items for pickup, print shipping labels, and hand over the products to the carrier.
- The carrier picks up your order and delivers it to your chosen address.

You can use the *Process Picking Requests* app and the *Hand Over Orders* app to filter the home delivery related picking requests or orders.

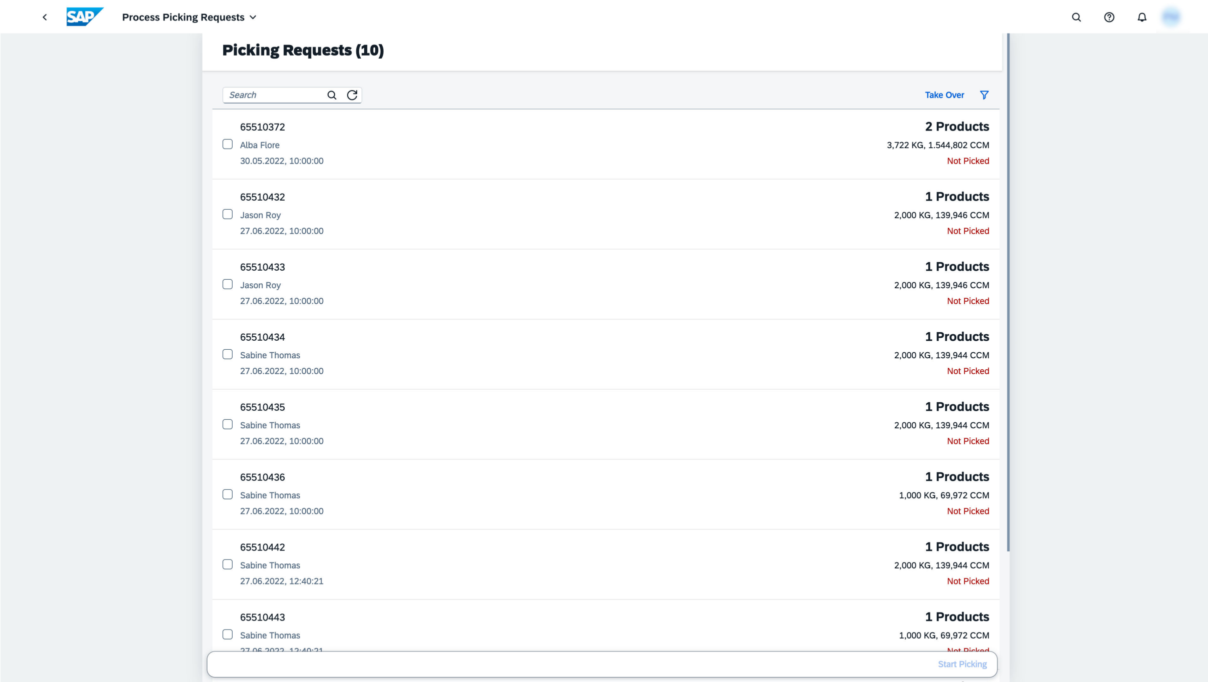
- The *Process Picking Requests* app lets you filter picking requests by carrier or consumer, making it easier to manage deliveries.
- The *Hand Over Orders* app allows you to filter sales orders for smoother handovers to carriers or consumers.

Changes to the User Interface

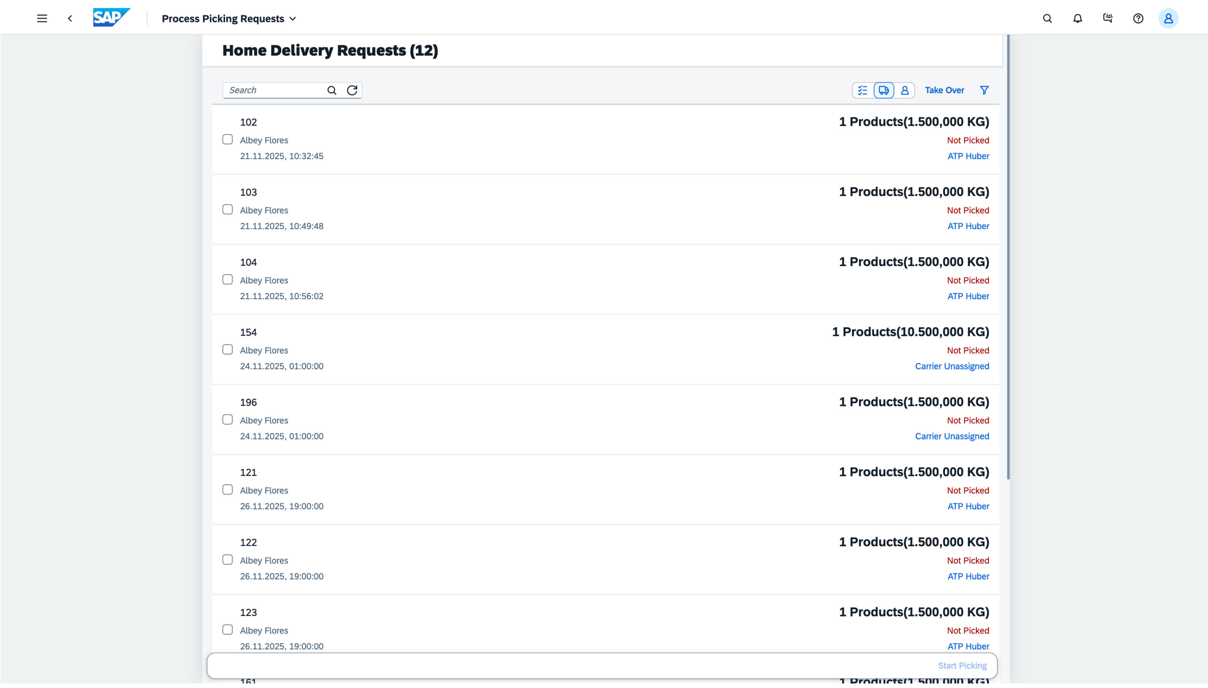
> ⓘ Note
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

Process Picking Requests App

This is how the user interface looked before the change:

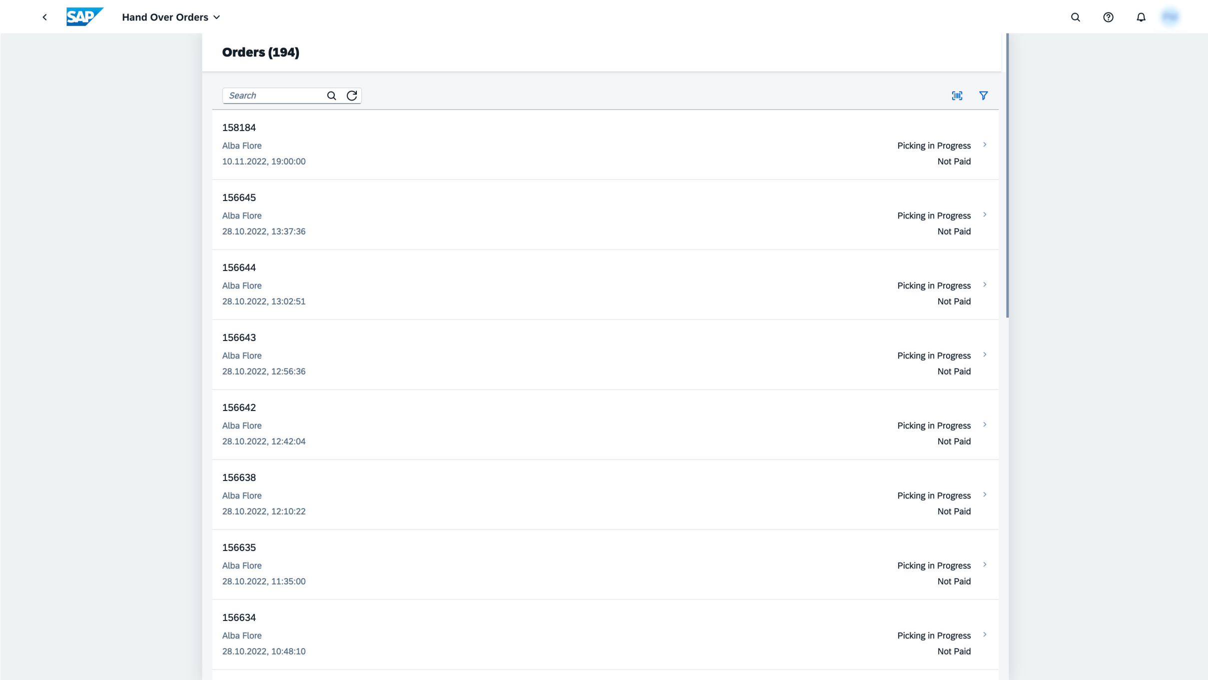


This is how the user interface looks now:

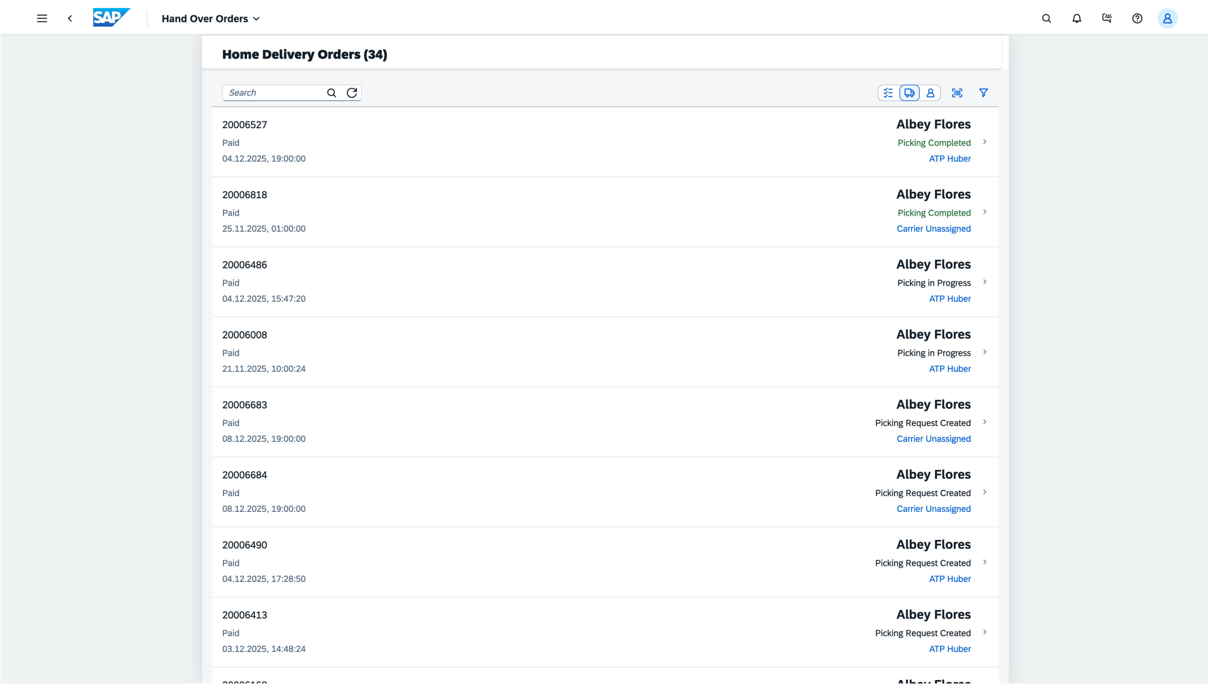


Hand Over Orders App

This is how the user interface looked before the change:



This is how the user interface looks now:



Implementation Details

Customizing

- You must enter a dedicated shipping point for click-and-ship (home delivery) in the *Shipping Point for Home Delivery* field in the Customizing for *Logistics - General* under *Store Operations* > *In-Store Merchandise and Inventory Management - UI5 Apps* > *Pick and Hand Over Orders (Customer Pickup and Home Delivery)* > *Settings for Generating Store Picking Requests* > *Define Basic Settings for Store Pickup Order*.
- You can select the *Block Final Goods Issue at Handover* checkbox in Customizing for *Logistics - General* under *Store Operations* > *In-Store Merchandise and Inventory Management - UI5 Apps* > *Pick and Hand Over Orders (Customer Pickup and Home Delivery)* > *Settings for Generating Store Picking Requests* > *Define Basic Settings for Store Pickup Order* if you want to block the final goods issue creation during handover to carrier.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F4643`
	`F4639`

Application Component	`LO-RFM-STO-FIO` (*In-Store Merchandise and Inventory Management - Fiori Apps*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Click-and-Ship (Home Delivery) Process for Online and In-Store Sales Order Fulfillment
Process Picking Requests
Hand Over Orders

14.1.3.2.4 Extensibility: BAdI to Enhance Product Merchandise SOAP Message XML with Additional Fields

Business Details

You can use the BAdI *Read Additional Fields in Product Merchandise – Replication SOAP XML* (`RFM_PRD_MERCHANDISE_READ_MOD`) to publish specific fields from SAP S/4HANA to a point-of-sale (POS) system. With key user extensibility, you can enhance the POS outbound SOAP structure by adding the fields you want to publish. Implement this BAdI to read additional fields from database tables such as `MARA` and `MARC`. The SOAP structure of the `ProductMerchandiseViewReplicationBulkRequestMessage` service request XML then includes these additional fields in the response message.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: `RFM_PRD_MERCHANDISE_READ_MOD` API: `ProductMerchandiseViewReplicationBulkRequestMessage`
Application Component	`LO-RFM-IFC-OUT` (*POS Interface - Outbound*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Product Merchandise Data – Replicate (Asynchronous A2A)

14.1.3.2.5 Business Add-Ins: Maintain Sales Order Payment Status

Business Details

When using a payment service other than SAP Digital Payments, the SAP S/4HANA system cannot determine if store pickup orders are paid or unpaid. In these cases, you need to implement the BAdI *Maintain Sales Order Payment Status* (`RFM_STR_PICK_ORD_PAYT_STS_MOD`). This allows you to check the payment status of store pickup orders and manually set them in the SAP S/4HANA system. You then use this payment status in the *Hand Over Orders* application for further processing.

If you do not use SAP Digital Payments service and do not implement this BAdI, the payment status of the sales order is marked as unpaid.

Implementation Details

Effects on Existing Data

Already existing sales orders in SAP S/4HANA Cloud Private Edition and SAP S/4HANA will not be impacted by the BAdI implementation.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: `RFM_STR_PICK_ORD_PAYT_STS_MOD`
Application Component	`LO-RFM-STO-FIO` (*In-Store Merchandise and Inventory Management - Fiori Apps*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Store Pickup Order and Store Picking Requests Generation

14.1.3.2.6 Product Cost Planning at Reference Site

Business Details

With this feature, you can reduce redundant product costing data by assigning multiple receiving sites to a reference site in the *Product Costing* node of the transaction `REFSITE`. The reference site acts as a single costing source for all assigned sites within the same controlling area.

The costing process generates very large amounts of data because cost calculations are saved for each material–plant combination. Product cost planning at reference site helps reduce the following performance bottlenecks that occur during product costing in retail scenarios with many sites and product variants:

- High system resource consumption
- Excessive database footprint due to redundant cost estimates

You can use the BAdI *Determine Reference Variant for Product Costing* (`BADI_RFM_PROD_COSTING_VARIANT`) to determine the reference variant in the product costing for retail articles, specifically amongst the variants of generic articles, that would serve as the reference used for product costing.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Transaction: `REFSITE` BAdI: `BADI_RFM_PROD_COSTING_VARIANT`
Application Component	`LO-RFM-MD-SIT` (*Site*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Product Cost Planning

14.1.3.2.7 Monitoring of POS Confirmations Using SAP Application Interface Framework Interfaces

Business Details

The new interfaces `SALESCONF` and `FINCONF` are provided under the `RFMPI` namespace to enable monitoring and reprocessing of POS confirmation messages for sales and finance transactions using the *Message Monitoring Overview* app. These interfaces provide visibility into the processing status of POS inbound confirmations sent to external systems and allow users to re-trigger any failed confirmations.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F4515`
Application Component	`LO-RFM-IFC-IN-SRV` (*Service based POS Interface - Inbound*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

POS Transactional Data Replication in the SAP System
Message Monitoring Overview

14.1.3.2.8 Batch Number in POS Inbound Sales Transactions

Business Details

You can send batch number for batch-managed articles in POS inbound sales data using the *POS Sales Transactions – Create* SOAP service.

Batch information is read from the two-dimensional (2D) barcode on the product. The system sends this information to the POS inbound SOAP service. Batch information helps you keep accurate stock of products that use batch management. The system supports this for both aggregated sales (`AggregatedSalesByProduct`) and sales per receipt (`SalesPerReceipt`). Goods movement is posted on batch level for the batch-managed articles.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `PosSalesTransactionsCreateRequest`
Application Component	`LO-RFM-IFC-IN-SRV` (*Service based POS Interface - Inbound*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

AggregatedSalesByProduct
SalesPerReceipt
POS Transactional Data Replication in the SAP System

14.2 Energy & Natural Resources

14.2.1 Oil & Gas

14.2.1.1 Field Logistics

14.2.1.1.1 Seamless Long Text Transfer to SP14 PRs in Network Orders

Business Details

With this feature, you can:

- Automatically copy long texts entered at the Network Order/Activity/Item level as well as from Maintenance Orders (including the WebDynpro application) into the corresponding **Item Text** node of the SP14 Purchase Requisition (PR).

Long text transfer is supported for both single-line and multi-line PRs, ensuring that all relevant information from your orders is accurately reflected in the PR.

·When you display the SP14 PR using the ME53N transaction or the Manage Purchase Requisition app, you will find the long text under the **Text** tab for each line item.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	40G (Field Logistics Planning and Execution)
Technical Object Name	Not applicable
Application Component	`CA-FL-SRV` (*Services*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.2.1.1.2 Enhanced Receipt Processing for LE IBD with Handling Units in Process Receipts Application

Business Details

With this feature, you can:

- Efficiently process LE Inbound Delivery (LE IBD) items that are packed in Handling Units (HUs) during receipt at both base and single plants
- Create or delete HUs before completing the goods receipt.
- Process LE IBD items packed in HUs directly from list (mass receive) or object page views.
- View HUs created during the receipt process across **To-Be Received**, and **Failed Receipts** tabs.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	40G (Field Logistics Planning and Execution)
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 FPS01

14.2.1.1.3 Enhanced Material Group Selection in Manage Logistics

Business Details

With this feature, you can:

- Enter the **Material Group** directly in the Create Supplier Item pop-up in the **Manage Logistics** application.
- Access standard value help for easier and accurate Material Group selection, similar to PO item level.

The **Material Group** is a mandatory field for Rental and Third-Party items.

Additonally, you can automatically update the PO item level with the selected Material Group from Manage Logistics.

Technical Details

Type	New
Functional Localization	No localization
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 FPS01

14.2.1.1.4 Enhanced Error Tracking for Non-Stock, Rentals, Services & Ad Hoc Transactions

Business Details

With this feature, you can:

- Instantly view error messages during warehouse task creation after goods receipt (GR) for more transparency.
- Receive immediate error notifications in Process Receipts, Manage Logistics, and Return applications—including ad hoc and return journeys.
- Get synchronous error updates when managing Handling Units (HU), Delivery Warehouse Requests (DWR), and item receipts, directly in the relevant app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	40G (Field Logistics Planning and Execution) 5OM (Field Logistics Planning and Execution – Direct Procurement) 6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID: F5082 App ID: F5316
Application Component	CA-FL-GR (*Goods Receipt for Field Logistics*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.2.1.1.5 Support Handling of Restricted Item Information across Field Logistics Applications

Business Details

With this feature, you can:

- Capture, manage, and extend Restricted Items information across relevant logistics processes.
- Add, edit, and track Restricted Item data within supported apps—including the ability to record notes, attach relevant documents, and log changes.

Using this feature, you can:

- Benefit from user-friendly features such as dropdown menus, value help (F4), with support for configurable and Restricted Item fields.
- Attach supporting documents and reference information (such as Purchase Orders or Delivery items) directly to a Restricted Item record.
- Instantly view Restricted Item indicator and details in the following Field Logistics apps: Manage Logistics, Purchase Requisitions, Pack Containers, Manage Kits, Manage Field Logistics Voyages, and Process Cross-Plant Receipts.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	40G (Field Logistics Planning and Execution)
Technical Object Name	App ID: `F5082` App ID: `F5316` App ID :`F6040` App ID: `F4713` App ID: `F8005`
Application Component	`CA-FL-SRV` (*Services*) `CA-FL-GR` (*Goods Receipt for Field Logistics*) `CA-FL-SG` (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.2.1.1.6 ODATA API: Field Logistics Restricted Items

Business Details

You can create, read, and update Restricted Items and respective reference documents from this API. The service is based on the OData protocol and can be consumed by external systems.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	40G (Field Logistics Planning and Execution) 6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID: `F5082` App ID: `F5316` App ID :`F6040` App ID: `F4713` App ID: `F8005`
Application Component	`CA-FL-SRV` (*Services*) `CA-FL-GR` (*Goods Receipt for Field Logistics*) `CA-FL-SG` (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.2.1.1.7 Goods Receipt for Offshore Handling Unit Items against LE Inbound Deliveries in Process Cross-Plant Receipts App

Business Details

With this feature, you can:

- Post Goods Receipt (GR) against LE Inbound deliveries for offshore items with handling units directly in the Process Cross-Plant Receipts application.
- Handle serialized, batch-managed, valuated, non-valuated, and account-assigned cases efficiently.
- Ensure integration so that all connected apps, such as Pack Containers, Voyages, and Logistics Tracking, are promptly updated with relevant statuses and milestones.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID: F4713
Application Component	CA-FL-RET (*Returns for Field Logistics*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.2.1.1.8 Enhanced Flexibility for Recommended Actions/ Handling Decisions for Items

Business Details

With this feature, you can:

- Configure any recommended action or handling decision for any supply process.
- Easily customize return actions like return to base, vendor, repair, refurbishment, or temporary storage to fit your actual business needs.
- In both Initiate Returns by Product and Process Cross-Plant Receipts apps, you can define follow-on activities and business-specific handling steps for every item type.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	40G (Field Logistics Planning and Execution)
Technical Object Name	App ID: F4713 App ID: F4252
Application Component	CA-FL-RET (*Returns for Field Logistics*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.2.1.1.9 Refresh Milestones with the New Mass Refresh Action in Logistics Tracking Application

Business Details

With this feature, you can trigger a refresh of time-based milestones, like Purchase Order (PO) confirmations, right from the Order Object page in the Logistics Tracking application.

- An action button at the table header allows you to select multiple or all components for mass refresh.
- Run sync milestone updates without needing backend reports, saving you time and effort.
- Mass refresh is supported, including for TECO orders, streamlining your order management process

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6VA (Field Logistics Analytics)
Technical Object Name	App ID: F7382
Application Component	CA-FL-MT (*Material Tracking for Field Logistics*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.2.1.1.10 Print and Print Preview functionality in Pack Container Application

Business Details

With this feature, you can:

- Easily access new Print and Print Preview buttons for Kit label and Kit summary directly from the Kit list and object page in the Pack Containers application.
- Quickly print the Package label from the Packed Package tab and the Container label from the Packed Container tab on both list and object pages.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID: F5786
Application Component	CA-FL-SG (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.2.1.1.11 Print Functionality for Manage Kits Application

Business Details

With this feature, you can print details at both the Manage Kit header and Kit Item level using the newly added Print buttons, streamlining kit handling workflows.

Technical Details

Type	New

Functional Localization	No localization
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 FPS01

14.2.1.1.12 Enhanced Support for TECO Orders in Returns and Logistics Applications

Business Details

With this feature, you can now initiate returns for TECO (Technically Complete) orders directly from the Initiate Returns by Order application.

- Access complete milestone data for TECO orders in the Logistics Tracking application, including all statuses.
- In the Manage Kits application, TECO orders' kits are visible, and you can **Unstage** or **Undrop** items, sending them back to inventory.
- You can update location IDs and ensure any movement of NS/SERV items automatically updates storage location information in the Manage Logistics application.
- Additionally, staged or dropped non-stock items (for TECO or non- TECO Orders) are now visible in Initiate Returns by Product application .

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages) 6VA (Field Logistics Analytics)

Technical Object Name	App ID: F4682 App ID: F4252 App ID: F8005 App ID: F7382
Application Component	CA-FL-RET (*Returns*) CA-FL-MT (*Material Tracking*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.2.1.1.13 Enhanced Alternate Unit of Measure (UoM) Handling

Business Details

With this feature, you can now see items in Manage Kits with the correct quantity conversion when they are received and shipped offshore in an Alternate Unit of Measure (UoM). This ensures data integrity throughout staging, dropping, and issuing.

- The Initiate Returns by Order flow displays and processes quantities in the actual received and issued UoM for Non-stock/ SERV items.
- Accurate UoM conversions are applied automatically for returns and stock items, ensuring your processes remain seamless and error-free.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	40G (Field Logistics Planning and Execution) 6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID: F4682 App ID: F8005
Application Component	CA-FL-RET (*Returns*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.2.1.1.14 Streamlined Dispatch and Status Update for Pack Container Items

Business Details

With this feature, you can now dispatch containers/packages/ deliveries/ Handling Units (HUs) without voyages from intermediate locations.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID: `F5786`
Application Component	`CA-FL-SG` (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.2.1.1.15 Enabling the Change of Container/Package Location from Container Master Data

Business Details

This feature allows to update (manually and through API) the current location of the Container/ Packages from master data.

As part of the enhancement for API for Pack Container (Pack Containers) and API for Manage Container Master Data (Field Logistics -Shipment Container), both the API's are enabled for developer extensibility.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID: F5786
Application Component	CA-FL-SG (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.2.1.1.16 BAdI: Print and Print Preview Kit Header and Kit Summary

Business Details

This Business Add-In (BAdI): FLOG_OUTP_PRINT_KIT is used in printing and print preview of the Kit Header and Kit Summary output forms within the Pack Containers application.

This BAdI enables you to implement custom logic to maintain values of key user–added custom fields in the Kit Header and Kit Summary output form.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID: F5786
Application Component	CA-FL-SG (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS01

14.2.1.1.17 BAdI: Print Base Kit Item and Kit summary

Business Details

This Business Add-In (BAdI): `FLOG_OUTP_PRINT_MANAGEKIT` is used in printing the Base Kit Item and Kit Summary output form within the Pack Containers application

This BAdI enables you to implement custom logic to maintain values of key user–added custom fields in the Kit Item and Kit Summary output form.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID: `F5786`
Application Component	`CA-FL-SG` (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.2.1.1.18 BAdI: Print Manage Kit Header

Business Details

This Business Add-In (BAdI): `FLOG_OUTP_PRINT_MANAGEKIT` is used in printing the Manage Kit Header output form in the Manage Kits application.

This BAdI enables you to implement custom logic to maintain values of key user–added custom fields in the Manage Kit Header output form.

Technical Details

Type	New
Functional Localization	No localization
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 FPS01

14.2.1.1.19 BAdI: Print Manage Kit Item

Business Details

This Business Add-In (BAdI): FLOG_OUTP_PRINT_MANAGEKIT_ITEM is used in printing the Manage Kit Item output form within the Manage Kits application.

This BAdI enables you to implement custom logic to maintain values of key user–added custom fields in the Manage Kit Item output form.

Technical Details

Type	New
Functional Localization	No localization
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 FPS01

14.2.1.1.20 BAdI: Print Container Label

Business Details

This Business Add-In (BAdI) : `FLOG_OUTP_PRINT_PACKED_CTN` is used in printing the Container label output form within the Pack Containers application.

This BAdI enables you to implement custom logic to maintain values of key user–added custom fields in the Container label output form.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID: `F5786`
Application Component	`CA-FL-SG` (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.2.1.1.21 BAdI: Print Package Label

Business Details

This Business Add-In (BAdI): `FLOG_OUTP_PRINT_PACKED_PCKG` is used in printing the Package label output form within the Pack Containers application

This BAdI enables you to implement custom logic to maintain values of key user–added custom fields in the Package label output form.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID: F5786
Application Component	CA-FL-SG (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.2.1.2 Production Revenue Accounting (PRA)

14.2.1.2.1 Report Production Payment Enhancements

Business Details

This feature is enhanced to improve accuracy and prevent over payments for *Production Payment Interest Owners*.

The key enhancements include:

- **New Data Integration**:
  - The report now incorporates *Pending Payable* and *Suspense Balances*, allowing for more precise entitlement calculations and payment distributions.
- **Selection Screen Options**:
  Two new check boxes have been introduced:
  - *Reduce Value by Payable*
  - *Reduce Value by Suspense*

  These options enable you to reduce the *Current Value Balance* directly from the selection screen, improving control over payment calculations.
- **ALV Display Enhancements**:
  The *ALV Production Payment Summary by Owner* and *ALV Get Details* views now display the *Pending Payable* and *Suspense Balances*, offering greater transparency and auditability.

Technical Details

Type	Changed

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 FPS01

14.2.1.2.2 CDS Views in Tax and Royalty

Business Details

New CDS views are created for Tax and Royalty in Production Revenue Accounting (PRA) which cater to SQL data source capability.

The following CDS views are released:

CDS Views Released

CDS View Name	Application Component	Solution Capability
Alaska Royalty Report Lease Type Code `I_PRA_US_AKLEASETYPECODE`	IS-OIL-PRA	Alaska Royalty Report Lease Type Code
Agency Product Report `I_PRA_US_AKRYRPTPRODRPTCRSREF`		Agency Product Report
Alaska Royalty Report Master Data Header `I_PRA_US_AKROYALTYREPORTMASTER`		Alaska Royalty Report Master Data Header
Auto Suspend Exception Header `I_PRA_US_AKRYRPTAUTOSUSPEXCPTN`		Auto Suspend Exception Header
Auto Suspend Header `I_PRA_US_AKRYRPTAUTOSUSPEND`		Auto Suspend Header
Statute of Limitation(SOL) Exception Header `I_PRA_US_AKRYRPTSOLEXCEPTION`		Statute of Limitation(SOL) Exception Header

CDS View Name	Application Component	Solution Capability
Accounting Unit `I_PRA_US_AKRYRPTACCOUNTINGUNIT`		Accounting Unit
Alaska Royalty Report Master Data Details `I_PRA_US_AKRYRPTMASTERDETAIL`		Alaska Royalty Report Master Data Details
Volume Category Type Group `I_PRAVOLUMECATEGORYTYPEGROUPVH`		Volume Category Type Group
Accounting Unit Attributes `I_PRA_US_AKRYRPTACCTGUNTATTRIB`		Accounting Unit Attributes
Auto Suspend Exception Detail `I_PRA_US_AKRYRPTAUTOSUSPEXCDET`		Auto Suspend Exception Detail
Auto Suspend Detail `I_PRA_US_AKRYRPTAUTOSUSPDETAIL`		Auto Suspend Detail
Out of Statute(OOS) Data for Royalty Report `I_PRA_US_AKRYRPTOUTOFSTATUTE`		Out of Statute(OOS) Data for Royalty Report
Out of Statute Data for Royalty Delta `I_PRA_US_AKRYRPTOOSTUEDELTA`		Out of Statute Data for Royalty Delta
Out of Statute History Data `I_PRA_US_AKRYRPTOOSTUEHISTORY`		Out of Statute History Data
Royalty Report for Alaska History Pre-Allocation `I_PRA_US_AKRYRPTHISTPREALOC`		Royalty Report for Alaska History Pre-Allocation
Royalty Report Transaction Pre-Allocation `I_PRA_US_AKRYRPTTRANSACPREALOC`		Royalty Report Transaction Pre-Allocation
Royalty Report Transaction Allocation `I_PRA_US_AKRYRPTTRANSACALLOC`		Royalty Report Transaction Allocation
Royalty Report History Allocation `I_PRA_US_AKROYTYRPTHISTALLOC`		Royalty Report History Allocation

CDS View Name	Application Component	Solution Capability
Royalty Report Transactions Union `I_PRA_US_AKRYRPTTRANSACTION`		Royalty Report Transactions Union
Auto Suspension Code `I_PRAAUTOSUSPNSLSDTECRITRACODE`		Auto Suspension Code
Alaska Royalty Report Code `I_PRA_US_AKREPORTCODE`		Alaska Royalty Report Code
Alaska Auto Suspension Level Code `I_PRAAUTOSUSPENSIONLEVELCODE`		Alaska Auto Suspension Level Code
Statute of Limitation(SOL) Sales Date Criteria Code `I_PRASLSDTECRITERIASOLCODE`		Statute of Limitation(SOL) Sales Date Criteria Code
Auto Suspend Exception Transaction Level `I_PRAAUTOSUSPEXCPTNLEVEL`		Auto Suspend Exception Transaction Level
Auto Suspend Exception Level Code `I_PRAAUTOSUSPEXCPTNLEVELCODE`		Auto Suspend Exception Level Code
Reversal Booking Reversal Adjustment `I_RoytyRptRvslOrBkgOrAdjmtCode`		Reversal Booking Reversal Adjustment

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
Valid as Of	2025 FPS01

Related Information

Alaska Royalty Report Lease Type Code

14.2.1.2.3 Display Alaska Royalty Transaction

Business Details

With this feature, you can find and get an overview of transaction data for Alaska Royalty by searching, filtering, sorting, and grouping.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`App ID: F9134 (BSP: AKR_RYT_MONS1)`
Application Component	`IS-OIL-PRA-REP-ROY` (*Royalty Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Display Alaska Royalty Transactions

14.2.1.2.4 Display Alaska Royalty Report Variance

Business Details

With this app, you can display entries for Alaska Royalty Report Variance.

This feature enables you to:

- Display entries for Alaska Royalty Report Variance.
- A list which provides capability to find and get an overview of Alaska Royalty Report Variance data by searching, filtering, sorting and grouping.
- A wizard step dialog on startup to guide certain selections of Alaska Royalty Report Variance data

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`App ID: F9135`
Application Component	`IS-OIL-PRA-REP-ROY` (*Royalty Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Display Alaska Royalty Report Variance

14.2.1.2.5 Display Alaska Royalty History

Business Details

With this app, you can display and update the master data entries for *Manage Alaska Royalty History*.

This app provides a list that provides the capability to find and get an overview of the *Manage Alaska Royalty History* master data by searching, filtering, sorting, and grouping.

Technical Details

Type	New

Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`App ID: F9136`
Application Component	`IS-OIL-PRA-REP-ROY` (*Royalty Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Alaska Royalty History

14.2.1.2.6 Manage Alaska Out of Statute Write Off

Business Details

With this app, you can display and write off Out of Statute records.

This app provides the following key features:

- A feature to display, write off “Out of Statute” records for Alaska Royalty
- A list which provides capability to find and get overview master data by searching, filtering, sorting.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`App ID: F9137`
Application Component	`IS-OIL-PRA-REP-ROY` (*Royalty Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Alaska Out Of Statute Write off

14.2.1.2.7 Manage Alaska User Royalty Transaction

Business Details

With this app, you can display, create, delete and update entries in *Alaska Royalty Reporting User Royalty Transactions* .

This feature enables you to:

- Supports draft functionality.
- A list that provides capability to find and get overview of royalty transactions in Alaska Royalty Reporting by searching, filtering, sorting, and grouping.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`App ID: F9138`
Application Component	`IS-OIL-PRA-REP-ROY` (*Royalty Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Alaska Royalty User Transaction

14.2.1.2.8 Display Alaska Up-to-Date Royalty Transactions

Business Details

With this feature, you can display data entries for Alaska Up-to-date Royalty Transactions.

This feature provides a list that provides capability to find and get an overview of Alaska Up-to-date Royalty Transactions data by searching, filtering, sorting, and grouping.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`App ID: F91391`
Application Component	`IS-OIL-PRA-REP-ROY` (*Royalty Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Display Alaska Up-to-Date Royalty Transactions

14.2.1.2.9 Manage Alaska Accounting Unit Attributes

Business Details

With this app, you can display, create, delete and update entries in *Alaska Royalty Reporting Accounting Unit Attributes*.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	
Technical Object Name	`App ID: F9049`
Application Component	`IS-OIL-PRA-REP-ROY` (*Royalty Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Alaska Royalty Accounting Unit Attributes

14.2.1.2.10 Manage Alaska Royalty Master Data

Business Details

With this app, you can display, create, delete and update entries that designate master data for Alaska Royalty.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`App ID: F9050`
Application Component	`IS-OIL-PRA-REP-ROY` (*Royalty Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS01

Related Information

Manage Alaska Royalty Master Data

14.2.1.2.11 Manage Alaska Royalty Accounting Unit

Business Details

With this app, you can display, create, update and delete the master data entries for *Alaska Royalty Report Accounting Unit*.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`App ID: F9051`
Application Component	`IS-OIL-PRA-REP-ROY` (*Royalty Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Alaska Royalty Accounting Unit

14.2.1.2.12 Manage Alaska Royalty Auto Suspend

Business Details

With this app, you can display, create, update and delete the master data entries for Alaska Royalty Report Auto Suspend.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`App ID: F9052`
Application Component	`IS-OIL-PRA-REP-ROY` (*Royalty Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Alaska Royalty Auto Suspend

14.2.1.2.13 Manage Alaska Royalty Auto Suspend Exception

Business Details

With this app, you can display, create, delete and update entries of ASUE.

This provides a list to find and get an overview of ASUE by searching, filtering, sorting, and grouping.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`App ID: F9053`
Application Component	`IS-OIL-PRA-REP-ROY` (*Royalty Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Alaska Royalty Auto Suspend Exception

14.2.1.2.14 Manage Alaska Royalty Statute of Limitations

Business Details

With this app, you can display, create, delete and update entries for Alaska Royalty Reporting Statute of Limitations.

This features provides:

- A list which provides capability to find and get an overview of Statute of Limitations in Alaska Royalty Reporting by searching, filtering, sorting and grouping.
- Supports draft functionality.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM

Technical Object Name	`Fiori ID: F9054`
Application Component	`IS-OIL-PRA-REP-ROY` (*Royalty Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Alaska Royalty Statute Of Limitations

14.2.1.2.15 Manage Alaska Royalty Statute of Limitations Exception

Business Details

With this app, you can display, create, delete and update entries for Alaska Royalty Reporting Statute of Limitations Exception.

This app provides features such as:

- A list which provides capability to find and get overview of Statute of Limitations Exception in Alaska Royalty Reporting by searching, filtering, sorting and grouping.
- Supports draft functionality.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`App ID: F9055`
Application Component	`IS-OIL-PRA-REP-ROY` (*Royalty Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Alaska Royalty Statute Of Limitations Exception

14.2.1.2.16 Display West Virginia Up-to-Date Tax Transactions

Business Details

With this app, you can display data entries for West Virginia Up-to-date Royalty Transactions.

This feature provides a list with the capability to find and get an overview of West Virginia Up-to-date Royalty Transactions data by searching, filtering, sorting and grouping.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`App ID: F9156`
Application Component	`IS-OIL-PRA-REP-ROY` (*Royalty Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Display West Virginia Tax Report Variance

14.2.1.2.17 Display West Virginia Tax Report Variance

Business Details

With this app, you can display entries for West Virginia Tax Report Variance.

This app provides features such as:

- A list which provides capability to find and get an overview of West Virginia Tax Report Variance data by searching, filtering, sorting, and grouping.
- A wizard step dialog on startup to guide the selections of West Virginia Tax Report Variance data.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`App ID: F9100`
Application Component	`IS-OIL-PRA-REP-ROY` (*Royalty Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Display West Virginia Up-to-date Tax Transactions

14.2.1.2.18 Manage Gas Plant Operator Information

Business Details

With this app, you can display, create, delete and update entries in Gas Plant Operator Information.

This app provides features such as:

- A list which provides capability to find and get overview of Gas Plant Operator Information by searching, filtering, sorting, and grouping.
- Supports draft functionality.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`App ID: F9057`
Application Component	`IS-OIL-PRA-REV` (*Revenue*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Gas Plant Operator Information

14.2.1.2.19 Manage Gas Plant Statements

Business Details

With this app, you can upload Gas Plant Statements and extract uploaded documents via AI.

This app provides capability to:

- Provides capability to display, edit, delete, stimulate posting and post uploaded documents.
- You can also view uploaded files, view application logs, and change logs.
- Provides list with capabilities to find and get an overview of Manage Gas Plant Statements by searching for filtering, sorting, and grouping.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM

Technical Object Name	`App ID: F9058`
Application Component	`IS-OIL-PRA-REV` (*Revenue*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Manage Gas Plant Statements

14.2.1.2.20 Manage ONRR vs OGOR Comparison Attributes

Business Details

With this app, you can display, create, delete and update entries for ONRR and OGOR comparison attributes.

This app provides the below features:

- A mass upload feature to create mass entries.
- A list which provides capability to find and get overview of ONRR OGOR comparison attributes by searching, filtering, sorting, and grouping.
- Supports draft functionality.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`App ID: F9056`
Application Component	`IS-OIL-PRA-REP` (*Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Fiori App: Manage ONRR vs OGOR Comparison Attributes

14.2.1.2.21 Schedule PP Treasury Payment Run

Business Details

With this app, you can create a free-form treasury payment request for each PRA payment. This app provides the functionality to bridge the payments in a PRA payment run to the treasury payment program.

This feature enables you to:

- Schedule a background job to create treasury payment requests
- Schedule the same process in test mode
- View log for both test and productive modes

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`App ID: F9099`
Application Component	`IS-OIL-PRA-REV` (*Revenue*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Schedule Treasury Request Run

14.2.1.2.22 Data Management in Production and Revenue Accounting (PRA)

Business Details

New data destruction objects have been added to Production and Revenue Accounting.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`/PRA/REMIT_LINES, /PRA/GTMS1, OIU_YMT01`
Application Component	`IS-OIL-PRA` (*Production Revenue Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Additional Details

Name of Data Management Object	Object Type	Changes with this Release	Details	More Information
`/PRA/REMIT_LINES`	Data destruction object	New data destruction object added.	You can use the data destruction object to destroy Remittance Lines for Treasury Payments Table content.	Destroying Remittance Lines Table Content Using /PRA/REMIT_LINES
`/PRA/GTMS1`	Archiving object	New archiving object added.	You can use the archiving object to archive MS (Mississippi) tax.	Archiving Mississippi Tax 2.0 Using PRA/GTMS1
`OIU_YMT01`	Archiving object	New archiving object added.	You can use the archiving object to archive MT(Montana) Royalty.	Archiving Montana Royalty 2.0 using OIU_YMT01

14.2.1.2.23 Chemical Analysis Point and Xref Master Data Mass Upload

Business Details

This feature is enhanced to support *Chemical Analysis Point and Xref* uploads.

The mass upload program (`/PRA/MASS_UPLOAD` transaction) and chemical analysis master data in the gas analysis portal have been enhanced.

A new *Upload* button on the selection screen triggers the mass upload process, and a new drop-down entry has been added for uploading this master data.

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 FPS01

Related Information

Chemical Analysis Point and Xref Mass Upload

14.2.1.2.24 ONRR to OGOR Comparison

Business Details

This feature enables you to run a comparison report between OGOR (Offshore Gas Operators Reporting) volumetric reporting data, and the volume reported via ONRR (Office of Natural Resources Revenue) royalty report.

- This report helps to identify any discrepancies between the two reports.
- The comparison ability is provided as a standalone comparison report as well as an integrated step within ONRR royalty report generation in ONRR workplace.

Implementation Details

ONRR to ONGR Comparison

Feature	Type	Description
`/PRA/ONRR_OGOR_COMP`	GUI transaction	Compares OGOR and ONRR reporting and shows the volumes and comparison outcome
Compare with OGOR	Validation step embedded in ONRR report generation in `/PRA/FP_WORKPLACE` transaction	Shows comparison result summary and messages for Out of Tolerance records
F9056 (Manage Legacy Sale Dates in Delivery Network)	Fiori application	Manage the comparison attributes, with the possibility of Mass Upload
Maintain Disposition Codes (`/PRA/V_DISP_CODE`) Maintain Conversion Factors and Tolerance (`/PRA/V_CONV_FACT`)	IMG customizing path *Industry Solution Oil & Gas (PRA)* > *Workplace Processing* > *Process Specific Configuration* > *ONRR-2014* > *ONRR to OGOR Comparison*	Maintain the disposition codes, conversion factors and tolerance percentage used in the comparison

Authorizations

To access the FIORI apps, the following business roles are needed:

- SAP_BR_CMPL_MANAGER_REP_IOG
- SAP_BR_REV_ACCT_MANAGER_IOG

In the backend, the following authorization is needed for accessing comparison attributes in the Fiori application:

- Authorization Object: O_OIU_TXN
- Field values:
  - OIU_TCODE = '/PRA/FP_WORKPLACE'
  - ACTVT = '03'

Customizing

IMG customizing path: *Industry Solution Oil & Gas (PRA)* > *Workplace Processing* > *Process Specific Configuration* > *ONRR-2014* > *ONRR to OGOR Comparison*

Effects on Existing Data

No effect on existing data. To use the comparison feature, the OGOR report must be generated after this comparison functionality becomes available in the system.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	3F7
Technical Object Name	`See the table above`
Application Component	`IS-OIL-PRA-REP` (*Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

ONRR vs OGOR Comparison

14.2.1.2.25 Revenue Accounting Document (RAD) in Legacy Processing

Business Details

This feature allows you to execute a Prior Period Adjustment in valuation in the new system using a Revenue Accounting Document (RAD) imported from the legacy system, without using the special BAdI and without generating a reversal basis-only version of valuation.

You can generate the first version of the valuation in the new system, and if a RAD history document exists representing the valuation results from legacy, the new system will execute a reversal of legacy values before calculating the new bookings.

Implementation Details

RAD in Legacy Processing

Feature	Type	Description
F8828 (Manage Legacy Sale Dates)	Fiori application	The existing application is enriched with a new checkbox *RAD History* to designate the legacy date to be used with RAD History.

Technical Details

Type	Changed
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
Valid as Of	2025 FPS01

Related Information

Legacy Processing

14.2.1.2.26 Tax & Royalty 2.0 Reports

Business Details

Two new Tax & one new Royalty reports are delivered in OP2025 FPS01 release.

The new reports are :

- **Montana Tax Report** – The report is an extension of the **Generic Tax 2.0** framework, utilizing its existing features. Its primary purpose is to enable companies to generate and submit quarterly tax reports as mandated by the Montana tax agency.
- **West Virginia Severance Tax Report** – This report is developed on the foundation of **Generic Tax 2.0**, leveraging its advanced capabilities to streamline compliance processes. It enables organizations

to generate and submit the Annual Severance Tax report mandated by the West Virginia tax authority. Furthermore, the solution incorporates functionality for monthly payment submissions, ensuring flexibility and adherence to regulatory requirements.

- **Alaska Royalty Report** – This report is designed as an independent **Process 2.0** solution, providing organizations with the capability to generate and submit monthly royalty reports mandated by the Alaska royalty agency. The implementation ensures streamlined compliance and efficient reporting aligned with regulatory requirements.

Implementation Details

Authorizations

Existing Tax & Roy 2.0 authorizations/business roles can be utilized for these reports.

Customizing

Montana and West Virginia Tax reports customizing can be maintained using IMG path: *Industry Solution Oil & Gas (PRA)* > *Workplace Processing* > *Process Specific Configuration* > *Tax & Royalty Reporting* > *Tax* > *Report Specific Configuration* > *Generic Tax*

Alaska Royalty report customizing can be maintained using IMG path: *Industry Solution Oil & Gas (PRA)* > *Workplace Processing* > *Process Specific Configuration* > *Tax & Royalty Reporting* > *Royalty* > *Royalty Specific Configuration* > *Alaska*

Technical Details

Type	New
Functional Localization	Localized in U.S.
Scope Item	5NM

Technical Object Name	`Montana Tax Report – Package - /PRA/GT_MT`
	`West Virginia Tax Report – Package - /PRA/GT_WV`
	`Alaska Royalty Report – Package - /PRA/AKR`

Application Component	`IS-OIL-PRA-REP-TAX and IS-OIL-PRA-REP-ROY` (*Tax Reporting and Royalty Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.2.1.2.27 Gross Accounting

Business Details

With this feature, you can re-calibrate revenue and expense postings to accurately represent the underlying economic intent of ownership and contractual agreements.

- A universal or hardcoded method to gross-up processing is not possible within the standard product since various companies have different accounting standards.
- SAP provided an expandable accounting framework via SAP Note `2476709` in earlier editions to accommodate gross accounting circumstances.
- For representative business cases, SAP has already provided two reference BADI implementations that show how gross-up entries can be generated programmatically.
- To enable particular gross-up circumstances described in SAP Note `3628028`, an additional sample BADI implementation is provided.

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 FPS01

14.2.1.3 Downstream

14.2.1.3.1 OData API: Partner Role

Business Details

With this feature, you can create, read, update, and mark or unmark the deletion indicator for partner roles associated with role partner types such as customer, supplier, plant, and storage location through API calls.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`api_oil_partnerrole`
Application Component	`IS-OIL-DS` (*Downstream*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

API for Partner Role

14.2.1.3.2 OData API: Quantity Conversion Defaults

Business Details

With this feature, you can create, read, update or delete existing quantity conversion defaults from the SAP S/4HANA Oil & Gas Downstream solution. With this service, you can change the default values of the QCI parameters, or you must accept them depending on the customizing setting.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_OIL_DFLTINDEXGOODSMOVEMENT`
Application Component	`IS-OIL-DS` (*Downstream*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

API for Quantity Conversion Default Parameter and Parameter Value

14.2.1.3.3 OData API: Bulk Transport Driver

Business Details

This service enables you to create, read, update or delete existing bulk transport drivers from the SAP S/4HANA Oil & Gas Downstream solution. This service represents the person responsible for driving the vehicles used to transport products such as crude oil, gasoline, and refined oil products. This object is required to drive vehicles like ships, barges, rail cars, and trucks.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_OIL_BULKTRANSPORTDRIVER`
Application Component	`IS-OIL-DS` (*Downstream*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

API for Bulk Transport Driver

14.2.1.3.4 OData API: Bulk Transport Unit

Business Details

This service enables you to create, read, update or delete existing bulk transport units from the SAP S/4HANA Oil & Gas Downstream solution. This service includes its compartment details, meter assignments, and event details. It is essentially the smallest load-capable unit of a vehicle used to transport goods.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_OIL_BULKTRANSPORTUNIT`
Application Component	`IS-OIL-DS` (*Downstream*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

API for Bulk Transport Unit

14.2.1.3.5 OData API: Transport System

Business Details

This service enables you to create, read, update or delete existing transport systems from the SAP S/4HANA Oil & Gas Downstream solution. This service includes its disallowed materials sequence, location assignment, planning materials and its modes of transport.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_OIL_TRANSPORTSYSTEM`
Application Component	`IS-OIL-DS` (*Downstream*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

API for Transport System

14.2.1.3.6 OData API: Bulk Transport Vehicle

Business Details

This service enables you to create, read, update, or delete existing bulk transport vehicles within the SAP S/4HANA Oil & Gas Downstream solution. This service includes its licenses and unit assignments.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`api_oil_bulktransportvehicle`
Application Component	`IS-OIL-DS` (*Downstream*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS01

Related Information

Bulk Transport Vehicle

14.2.1.3.7 Objects Released for Developer Extensibility in Downstream

With the objects released in Downstream, 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	Partner Role	`I_OIL_PARTNERROLETP`	New	With this business object, you can create, retrieve, modify, and delete partner roles that are associated with specific partner types.
Business object interface	Bulk Transport Driver	`I_OIL_BULKTRANSPORTDRIVERTP`	New	With this business object, you can create, read, and update oil and gas driver master data, its licenses, and its shifts.

Object Type	End-User Name	Technical Name	Type	Details
Business object interface	Transport System	I_OIL_TRANSPORTSYSTEMTP	New	With this business object, you can create, read, and update Oil and Gas Transport System master data.
Business object interface	Transport Unit	I_OIL_BULKTRANSPORTUNITTP	New	With this business object, you can create, read, and update the Oil and Gas Transport Unit master data.
Business object interface	Bulk Transport Vehicle	I_OIL_BULKTRANSPORTVEHICLETP	New	With this business object, you can create, read, and update Oil and Gas Vehicle master data.
Business object interface	Quantity Conversion Interface	I_OIL_DFLTIDXGOODSMOVEMENTTP	New	With this business object, you can create, delete, and read the Oil and Gas Quantity Conversion Interface (QCI) Default Parameter with its configured values for the QCI Default Parameter.

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.

14.2.1.3.8 Multiple Address Handling in SD Documents Using SAP Business Partner

Business Details

Address-dependent data in business partner master records is now extended for Oil and Gas specific fields from the SAP S/4HANA OP 2025 FPS01 release.

Entity	Table	Fields	Technical Name
Customer: General Data	KNA1	Differential Reference Code	OIDRC
Customer: Sales Data	KNVV	Last Order Number (read-only)	OILASTOR
Customer: Sales Data	KNVV	Department	OIABTNR
Customer: Sales Data	KNVV	Function	OIPAFKT
Customer: Sales Data	KNVV	Head Office / Branch	OIC_HOBIND

For more information on how to configure multiple address handling for business partners, see: Multiple Address Handling in SD Documents Using SAP Business Partner.

For information on technical guides such as Master Data Guide, Configuration Guide and other important restrictions, see **SAP Note 3067314** below. Please pay particular attention to the restrictions for specific countries or regions.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Example
	API:
	`OIDRC`
	`OILASTOR`
	`OIABTNR`
	`OIPAFKT`
	`OIC_HOBIND`

Application Component	`IS-OIL-DS` (*Downstream*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

SAP Note 3067314

14.2.2 Utilities

14.2.2.1 Utilities

Information about new or changed features in S/4HANA Utilities.

14.2.2.1.1 Data Migration of External References in Measurement Concept Management

Business Details

You can now migrate external reference information as part of actor process data using the MCM Migration API. The externalReferences field allows you to include identifiers from external systems, ensuring consistent cross-system references. Use the available Business Add-In (BAdI) to populate or adjust these values during migration.

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

Data Migration

14.2.2.1.2 Enterprise Search for Utilities Master Data

Business Details

You can now use Enterprise Search to quickly find key Utilities business objects directly from the SAP Fiori Launchpad (FLP) using predefined search criteria. This development reduces unnecessary steps and clicks, thereby streamlining processes to improve usability.

Enterprise Search has been enabled for the following Utilities business objects:

- Utilities Premise
- Utilities Installation
- Utilities Point of Delivery
- Utilities Device
- Utilities Device Information Record
- Utilities Contract

The search for Utilities objects is based on address information such as postal code, city, street, and house number, as well as object-specific identification attributes.

Enterprise Search for Utilities only supports CDS-based search models and is used for FLP search purposes only.

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 Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

SAP Note 3676308 (Enterprise Search for Utilities - Search Models)

Enterprise Search for Utilities Master Data

14.2.2.1.3 New Fiori App for Graphical Display of Time Series Values

Business Details

A new Fiori app **Display Utilities Time Series Values** (F8929) is available for SAP S/4HANA Utilities for the Fiori role **Meter Data Specialist (Utilities)**. This app provides comprehensive insights into time series values of EDM profiles based on a graphical representation that combines the values with related status information.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8929`

Application Component	`IS-U-EDM` (*Energy Data Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Display Utilities Time Series Values (F8929)

14.2.2.1.4 Archiving of Utilities Installations and Premises and Deletion of Unused Device Information Records

Business Details

New archiving objects are available for the `Utilities Installation` and the `Utilities Premise` objects. You can also delete unused device information records.

The following new objects are available:

- Archiving object **ISU_EANL** for archiving utilities installations with the following checks:
  - No contract is assigned
  - No devices are installed
  - All related documents have already been archived

The installation structure and the related point of delivery are archived along with the installation.

- Archiving object **ISU_EVBS** for archiving utilities premises with the following checks:
  - All related installations have already been archived
  - All related documents have already been archived
- Deletion report **REG_DEV_INFO_REC_CLEANUP** for the deletion of unused device information records.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	ISU_EANL ISU_EVBS REG_DEV_INFO_REC_CLEANUP
Application Component	IS-U-MD (*Master Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Additional Information

For more information about archiving object ISU_EANL, refer to the system documentation for report REA_EANL_ARCHIVE.

For more information about archiving object ISU_EVBS, refer to the system documentation for report REA_VBS_ARCHIVE.

For more information about deletion report REG_DEV_INFO_REC_CLEANUP, refer to the system documentation for report REG_DEV_INFO_REC_CLEANUP.

Related Information

Archiving Installations (IS-U-MD)
Archiving Premises (IS-U-MD)
Deletion of Unused Device Information Records

14.2.2.1.5 CDS Views for the Utilities Industry

Business Details

With this release, additional CDS views have been released for data extraction in S/4HANA Utilities.

The following CDS views have been released:

CDS View	Technical Name	Purpose	More Information
Utilities Time Series 60 Minutes Interval Value	I_UtilsTmeSers60MinsIntvlVal	Retrieves data for the utilities time series 60 minutes interval value.	Utilities Time Series 60 Minutes Interval Value

CDS View	Technical Name	Purpose	More Information
Utilities Time Series 30 Minutes Interval Value	`I_UtilsTmeSers30MinsIntvlVal`	Retrieves data for the utilities time series 30 minutes interval value.	Utilities Time Series 30 Minutes Interval Value
Utilities Time Series 15 Minutes Interval Value	`I_UtilsTmeSers15MinsIntvlVal`	Retrieves data for the utilities time series 15 minutes interval value.	Utilities Time Series 15 Minutes Interval Value
Utilities Time Series 10 Minutes Interval Value	`I_UtilsTmeSers10MinsIntvlVal`	Retrieves data for the utilities time series 10 minutes interval value.	Utilities Time Series 10 Minutes Interval Value
Utilities Time Series 5 Minutes Interval Value	`I_UtilsTmeSers5MinsIntvlVal`	Retrieves data for the utilities time series 5 minutes interval value.	Utilities Time Series 5 Minutes Interval Value
Utilities Time Series Day Interval Value	`I_UtilsTmeSersDayIntvlVal`	Retrieves data for the utilities time series day interval value.	Utilities Time Series Day Interval Value
Utilities Time Series Value Status	`I_UtilsTmeSersValueStatus`	Retrieves data for the utilities time series value status.	Utilities Time Series Value Status
Utilities Time Series Value Status Profile Allocation	`I_UtilsTmeSersValStsPrflAlloc`	Retrieves data for the utilities time series value status profile allocation.	Utilities Time Series Value Status Profile Allocation
Utilities Register Time Series Allocation	`I_UtilsRegTmeSersAllocation`	Retrieves data for the utilities register time series allocation.	Utilities Register Time Series Allocation

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	See the table above
Application Component	`IS-U-EDM` (*Energy Data Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Virtual Data Model and CDS Views in SAP S/4HANA

CDS Views for Utilities

14.2.2.1.6 BAdIs for Extending Archiving Reports of Market Process Management

Business Details

In the BAdI enhancement spot `/APE/ES_ARCHIVING`, we're providing a new method for extending the selection screen and selection logic for the archiving reports of APE documents.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Interface: `/APE/IF_BADI_DOC_ARCHIVING`
Application Component	`CA-GTF-APE` (*Application Process Engine*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

For more information, see the interface and methods documentation in the system.

14.2.2.1.7 Provision of the Utilities Communication Messages API of Market Process Management

Business Details

We're providing a public API that lets you manage the messages that you transfer using the utilities communication processes. It's meant for exchanging business data with external systems.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `/APE/API_Message`
Application Component	`CA-GTF-APE` (*Application Process Engine*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

API for Message Communication

14.2.2.1.8 UI-Masking of Personal Data in Market Process Management

Business Details

We're introducing automatic masking of personal data in the APE monitoring apps for process documents, transfer documents, exception documents, and archived cloud documents. Unmasking will be possible using a new activity in the authorization objects of these documents. APE also masks personal data retrieved from its `Utilities Communication Messages` API.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F5808A`
	`F5809A`
	`F7708A`
	`F5806A`
	`F5805A`

Application Component	`CA-GTF-APE` (*Application Process Engine*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Masking of Personal Data in APE Monitoring Apps and API

14.2.2.1.9 Improvement of the Parallel Documents Processing in Market Process Management

Business Details

For the mass-trigger transactions for process documents and transfer documents of the market process management, we're introducing a new option of the Parallelization Framework (PFW). *Reuse Parallel Application* optimizes system resources by appending new jobs to existing parallel instances, preventing system overload.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Transaction:
	`/APE/PDOC_MASS`
	`/APE/TRDOC_MASS`

Application Component	`CA-GTF-APE` (*Application Process Engine*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Mass-Triggering Process Documents
Mass-Triggering Transfer Documents

14.2.2.2 SAP Waste & Recycling

14.2.2.2.1 OData API: Waste Disposal Order

Business Details

This service enables you to read Waste Disposal Order and Item data in Waste and Recycling.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`A_EWA_WASTEDISPOSALORDERTP`
Application Component	`IS-U-WA` (*Waste and Recycling*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

API for Waste Disposal Order and Item

14.3 Financial Services

14.3.1 Banking

14.3.1.1 Loans Management (FS-CML)

14.3.1.1.1 OData API: Loans Management Contract

Business Details

With this OData service, you can manage loans effectively by creating, updating, or reading loans management contracts and associated data. You can handle various components such as condition headers, condition items, and relationships with business partners and activity agents.

Using this API, you can ensure that all operations are validated for restricted values and authorizations, providing a reliable way to maintain loan information. In case of any issues during your requests, the system will provide clear error messages to guide you.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_LOANSMANAGEMENTCONTRACT`
Application Component	`FS-CML` (*Loans Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Loans Management Contract

14.3.1.1.2 Update of Local Currency Amount for Saved Disbursements During Planned Record Update

Business Details

This feature enables you to recalculate and update the amount in local currency for saved disbursements and the corresponding planned records using the flag *Update Amount in Local Currency for Planned Disbursements* in the method `SET_GLOBAL_FLAGS` of the BAdI `FVD_CASHFLOW_CALCULATION`. This is done for all disbursements for which the exchange rate (*VDBEPP-KURS2*) is filled.

The exchange rate is also updated if an alternative exchange rate was specified manually when the disbursement was created. If you want to use an alternative exchange rate despite this parameter, you can enter this alternative rate when you create the disbursement. Then, after determining the local currency amount, you delete the *Exchange Rate* field in the disbursement. The planned record then has the required amount in local currency, but since it does not have an exchange rate, the planned record is not updated during the planned record update.

For more information, see SAP Note 3688138.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI `FVD_CASHFLOW_CALCULATION`
Application Component	`FS-CML` (*Loans Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Update Planned Records

14.3.1.1.3 Refined Authorization Check for Disbursement

Business Details

When you create a new disbursement, the system only performs authorization checks for activity 02 (authorization objects `FD_AUS_GSA` and `FD_AUS_BUK`). With this feature, the system no longer checks only for activity 02 (Change). Instead, it evaluates the authorization required for each action (e.g., activity 01: *Create or generate*, 02: *Change*, 03: *Display*, 06: *Delete*, and activity 10: *Post*) in the disbursement process. This allows granular control of authorizations and ensures that users can only execute actions for which they have explicit permission.

Implementation Details

Customizing

Set the flag *Refined Authorization Check for Disbursement* in the Customizing activity *Define General Installation Parameters* to enable autorization check for each activity in the loan disbursement process.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Customizing Activity: `Define General Installation Parameters`
Application Component	`FS-CML` (*Loans Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Posting

14.3.1.1.4 Posting Flows Using *Charges (New)* That Change Remaining Capital in Previous Condition Headers in Rollover Contract

Business Details

With this feature, you can you can use the business transaction *Charges (New)* to enter postings that affect the remaining capital with a calculation date, due date, and payment date within a fixed condition period that is followed by a rollover contract. The commitment capital in the subsequent condition header(s) is then automatically adjusted.

Implementation Details

Customizing

To be able to use this feature, enable the flag *Enable Rollover Enhancement* in Customizing under *Loan* > *Transaction Management* > *Product Types* > *Company Code-Dependent Settings for Product Type*. If this flag is not set, you cannot post such records unless you adjust the calculation date, due date, and payment date or terminate the rollover contract.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`FS-CML` (*Loans Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Enhanced Functions for Rollover Contracts

14.3.1.1.5 Risk-Free Rates: Conditions Similar to Interest

Business Details

With this feature, you can use the interest calculation types *Average Compound Interest Calculation* and *Average Linear Interest Calculation*, which are used for risk-free rate calculation, for conditions similar to interest, auch as charges.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`FS-CML` (*Loans Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Risk-Free Rates

14.3.1.2 Collateral Management (FS-CMS)

14.3.1.2.1 OData API: Collateral Real Estate

Business Details

With this OData service, you can manage collateral real estate data effectively. You can create, update, or read detailed information about various components such as assets, insurance, land registers, and energy performance certificates.

Using this API, you can ensure accurate data handling with appropriate checks for restricted values and authorizations, while also receiving feedback on the success or failure of your requests. This functionality supports your business operations by streamlining the management of collateral real estate assets and related information.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_COLLATERALREALESTATE`
Application Component	`FS-CMS` (*Collateral Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Collateral Real Estate

14.3.2 Insurance

14.3.2.1 Policy Management

14.3.2.1.1 Remote-Enabled Function Modules for Reset Business Process

Business Details

This feature enables you to call the following functions from the Reset business process by Remote Function Call (RFC):

- Shift Policy Start Date
- Shift Contract Start Date
- Shift Coverage Start Date

For more information about the remote-enabled function module (RFM), call transaction SE37 and read the long text of the function module documentation.

> **Note**
>
> These RFMs are available as of:
>
> - 2021 SPS09
> - 2022 SPS07
> - 2023 SPS05
> - 2025 FPS01

Implementation Details

Customizing

BAdIs for the remote-enabled function modules are available for customer-specific enhancements. For more information about mappings and BAdIs, see Customizing for Policy Management under *Integration* › *Services* › *Remote-Enabled Function Modules* › *Reset*:

- *BAdI: Shift Policy Start (Extension In/Out)*
- *BAdI: Shift Contract Start (Extension In/Out)*
- *BAdI: Shift Coverage Start (Extension In/Out)*

For more information about the BAdIs, see the relevant BAdI documentation.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	RFM: `/PM0/ABT_SVC_IPRP_POLICY_SHIFT` RFM: `/PM0/ABT_SVC_IPRP_POLPR_SHIFT` RFM: `/PM0/ABT_SVC_IPRP_COV_SHIFT`
Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

RFMs for Reset

14.3.2.1.2 BAdI: Enhance IFBC Import on IFBC Side (Interface /PM0/IF_ABU_IBC_IMPORT)

Business Details

The BAdI method `AT_END_OF_CHILD` (BAdI Interface `/PM0/IF_AB_IBCPM_IMPORT_DST`) now contains the following changes: The interface methods `/PM0/IF_ABU_IBC_IMPORT~SET_CHILD_DELETED` and `/PM0/IF_ABU_IBC_IMPORT~SET_CHILD_IMPORT_LOCK` are now available. You can use the reference variable `IR_API` (interface `/PM0/IF_ABU_IBC_IMPORT`) available as import parameter to set or to remove the properties *Relationship Deleted* (method `SET_CHILD_DELETED`) and *Import Lock for Cardinalities* (method `SET_CHILD_IMPORT_LOCK`) for relationships to subordinate templates as part of a customer implementation. If you want to mark a relationship as (logically) deleted, note that you must activate the corresponding import lock. As a result, this change also survives the next import. We recommend to protocol applied changes making use of the reference variable IR_LOG to add messages to the IFBC log. For more information, see the documentation in *In-Force Business Configurator* for *Relationship Deleted* and *Import Lock for Cardinalities* (tab page *Subordinate Templates*).

Implementation Details

Customizing

To use this feature, you must create a BadI implementation for *BAdI: Enhance IFBC Import on IFBC Side*. You can find the *BAdI: Enhance IFBC Import on IFBC Side* in Customizing for Policy Management under *In-Force Business Management* > *Basis* > *In-Force Business Configurator* > *Business Add-Ins (BAdIs)*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: `/PM0/AB_IBCPM_IMPORT_DST_BADI` BAdI Interface: `/PM0/IF_AB_IBCPM_IMPORT_DST`

Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.3.2.1.3 BAdI: Overrule Journal Check for Work Item Creation

Business Details

With this feature, you can overrule the result of the application journal check in class /PM0/CL_ABP_BPU_EDIT_PROC_API, which can influence the creation of a work item depending on the business process.

In the standard system, a work item is not created when there is no change to the application journal.

The BAdI is used in the *Reversal* business process.

> ⓘ Note
>
> This BAdI is available as of:
>
> - 1809 SPS16
> - 1909 SPS14
> - 2020 SPS12
> - 2021 SPS10
> - 2022 SPS07
> - 2023 SPS05
> - 2025 FPS01

Implementation Details

Customizing

To use this feature, you must create a BadI implementation for *BAdI: Overrule Journal Check for Work Item Creation*. You can find the *BAdI: Overrule Journal Check for Work Item Creation* in Customizing for Policy Management under *Integration* > *Office Automation* > *Workflow*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: `/PM0/ABP_WF_OVERRULE_CHK_JOUR` Customizing activity: `/PM0/ABP_WF_OR_CHK_J`
Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.3.2.1.4 Custom Field Addition Accelerator

Business Details

The *Field Addition Accelerator* tool has been enhanced with the *CDS Enhancement* feature. A checkbox is now available on the report's selection screen allowing you to add new fields into CDS view entities by generation or regeneration of extension include views, draft query views, restricted reuse views, or remote API views.

For more information, see the report documentation.

Implementation Details

Effects on Existing Data

The user interface for transaction `/PM0/3ET_ENT_EXT` has been enhanced with the *CDS Enhancement Details* group box.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Report
	`/PM0/3ET_ENTITY_EXTENSION`
	Table
	`/PM0/3FTFAEXTN`
	Data elements
	`/PM0/3FTFA_APIVERSION`
	`/PM0/3FTFA_CDS_ALIAS`
	`/PM0/3FTFA_CDS_ENTITYNAME`
	`/PM0/3FTFA_DRAFTEXTVIEW`
	`/PM0/3FTFA_DRAFTQVIEW`
	`/PM0/3FTFA_DRAFTTAB`
	`/PM0/3FTFA_EXTVIEWNAME`
	`/PM0/3FTFA_REMOTEVIEWALIAS`
	`/PM0/3FTFA_REMOTEVIEWNAME`
	`/PM0/3FTFA_REUSEVIEWNAME`

Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.3.2.1.5 OData API: Insurance Policy (Version 3.1.0)

Business Details

The RESTful API Insurance Policy has been enhanced and is now available in version 3.1.0. The following enhancements are available:

- 18 *Change* business transactions have been implemented
- The Read policy service now also supports the renewal history and the correspondence history

Version 2.2.0 for service definition `API_INSURANCEPOLICYSERVICE_2` and version 1.0.0 for service definition `API_INSURANCEPOLICYSERVICE` have been put in API state *Deprecated*.

With version 3.1.0, the following business transactions are now available for the *Change* business process:

- Change main due date (P_B_S_CDA_AMD)
- Change clause (P_B_S_CLS_AMD)
- Exclude subcoverage (P_B_S_COVCPCO_EXC)
- Change commission participant (P_B_S_CPP_AMD)

- Change duration (P_B_S_DRS_AMD)
- Change related contract (P_B_S_EPO_AMD)
- Execute manual rating (P_B_S_MRT_XCT)
- Change benefit/premium (P_B_S_BN_PRM_AMD)
- Change contract (P_B_S_POLPR_AMD)
- Change adjustment (P_B_S_PPD_IFR_AMD)
- Change representative (P_B_S_REP_AMD)
- Change surcharge/discount (P_B_S_SPMDCT_AMD)
- Perform Additional Payment (P_L_S_AD_AMD)
- Shift of fund assets (P_L_S_FND_SHF)
- Change fund allocation key (P_L_S_FND_SWT)
- Exclude coverage (P_L_S_SCV_EXC)
- Change dividend usage (P_L_S_UYS_COV_AMD)
- Change exchange rate data (P_B_S_APLXR)

This API is available on the SAP Business Accelerator Hub (https://api.sap.com/).

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	API (New):
	`API_INSURANCEPOLICYSERVICE_3`
	Entities
	Abstract Entities
	API (Deprecated):
	`API_INSURANCEPOLICYSERVICE_2`
	`API_INSURANCEPOLICYSERVICE`

Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Insurance Policy (Version 3.1.0)

14.3.2.1.6 Insurance Policy Events

Business Details

With this feature, you can trigger the following event for the Insurance Policy business object:

- `Insurance Policy Changed`

With this feature, the payloads for all the events for the *Insurance Policy* business object (`Insurance Policy Changed`, `Insurance Policy Created`, `Insurance Policy Released`, and `Insurance Policy Rejected`) have been enhanced with the business process ID (`INSURPLCYBUSPROCTYPE`).

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	`Insurance Policy Changed`
	`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 FPS01

Related Information

Insurance Policy

14.3.2.1.7 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:

- Insurance Policy Model Calculation Effective Interest Method
- Insurance Policy Model Calculation Interest Calculation Method
- Insurance Policy Premium Deposit Use For Amount Deposit
- Insurance Policy Process Dependent Condition Settlement Mode
- Insurance Policy Tax Journal Tax Assessment Base
- Automatic Premium Loan Option
- Insurance Policy Life Coverage Guaranteed Option
- Entry for Determination of Limit Amount
- Insurance Policy Model Calculation Anniversary
- Insurance Policy Benefit Change Frequency
- Policy Benefit Specification Death
- Insurance Policy Change Category
- Insurance Policy Life Premium Allocation Key
- Tax Type for Insurance Mathematics
- Reported Value Class for Reported Value
- Insurance Policy Tax Type
- Insurance Policy Tax Usage Type

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	New CDS view (basic interface view):
	`I_InPlMClcEffctvIntrstMeth`
	`I_InPlModCalcIntrstCalcMeth`
	`I_InPlPremDepUseForAmtDep`
	`I_InPlProcDpCndSettlmtMode`
	`I_InPlTaxJrnlTaxAssmtBase`
	`I_InsPlcyAutomPremLoanOptn`
	`I_InsPlcyLifeCvrgGartdOptn`
	`I_InsPlcyLimitEntrDetnOfLmt`
	`I_InsPlcyModCalcAnniversary`
	`I_InsurPlcyBnftChangeFrqcy`
	`I_InsurPlcyBnftSpecDeath`
	`I_InsurPlcyChangeCategory`
	`I_InsurPlcyLifePremAllocKey`
	`I_InsurPlcyPremTaxMathType`
	`I_InsurPlcyReportedValueClass`
	`I_InsurancePolicyTaxType`
	`I_InsurancePolicyTaxUsageType`

Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Insurance Policy Model Calculation Effective Interest Method
Insurance Policy Model Calculation Interest Calculation Method
Insurance Policy Premium Deposit Use For Amount Deposit
Insurance Policy Process Dependent Condition Settlement Mode
Insurance Policy Tax Journal Tax Assessment Base
Automatic Premium Loan Option
Insurance Policy Life Coverage Guaranteed Option
Entry for Determination of Limit Amount
Insurance Policy Model Calculation Anniversary
Insurance Policy Benefit Change Frequency
Policy Benefit Specification Death
Insurance Policy Change Category

Insurance Policy Life Premium Allocation Key
Tax Type for Insurance Mathematics
Reported Value Class for Reported Value
Insurance Policy Tax Type
Insurance Policy Tax Usage Type

14.3.2.1.8 CDS Views for Providing the Renewal History

Business Details

Policy Management now provides Core Data Services (CDS) views that you can use to access the renewal history of a policy in accordance with the virtual data model (VDM) of Policy Management in SAP S/4HANA. Two renewal history fields are exposed:

- `InsurPlcyRenewalProcessingText`: Contains the standard renewal history code text
- `InsurPlcyRnwlAddlProcgText` : Contains the renewal history additional text for the same renewal history code. In the SAP GUI, this is displayed as a separate entry, but in the CDS view, it adds the additional text under the same renewal entry.

Interface views (basic and composite views) provide the data of the renewal history of a policy. You can then use the composite views to build consumption views, for example.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Basic View (available as of 2023 SPS03) :
	
	`I_INSURPLCYCHGOPTNITEMBASIC`
	
	`I_INSURPLCYCHGOPTNHDRBASIC`
	
	`I_INSURANCEPOLICYRENEWALBASIC`
	
	Field Exposure: Expose All Fields
	
	Private Composite Views:
	
	`P_INSURPLCYPREDATEDOPNAPPL`
	
	`P_INSURPLCYRENEWALCOLLECT`
	
	`P_INSURPLCYOPNAPPLJRNL`
	
	Field Exposure: Expose All Fields
	
	Interface Views:
	
	`I_INSURPLCYCHANGEOPTIONJOURNAL`
	
	`I_INSURPLCYCONTRJOURNALENTRY`
	
	`I_INSURPLCYSUSPENSIONDATE`
	
	`I_INSURPLCYRENEWALSUSPENSION`
	
	`I_INSURANCEPOLICYCHANGEOPTION`
	
	`I_INSURPLCYRENEWALHISTORY`
	
	Extension Views:
	
	`E_INSURPLCYCHGOPTNJRNLHEADER`
	
	`E_INSURPLCYCHGOPTNJRNLITEM`
	
	Restricted Reuse View:
	
	`R_INSURPLCYRENEWALHISTORYTP`
	
	Field Exposure: Expose All Fields
	
	External API View:
	
	`A_INSURPLCYRENEWALHISTORY`
	
	Field Exposure: Expose All Fields; Projection on `R_INSURPLCYRENEWALHISTORYTP`
	
	Extended View:
	
	`X_INS_I_INSURPLCYRENWLHIST`
	
	`X_INS_R_INSURPLCYRENWLHISTTP`
	
	`X_INS_A_INSURPLCYRENWLHIST`
	
	Field Exposure: Expose All Fields;
	Extended on `I_INSURPLCYRENEWALHISTORY`;
	`R_INSURPLCYRENEWALHISTORYTP`;
	`A_INSURPLCYRENEWALHISTORY`

	Field Exposure: Expose All Fields
Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

OData API: Insurance Policy (Version 3.1.0) [page 684]

14.3.2.1.9 CDS Views for Providing the Correspondence History

Business Details

Policy Management now provides Core Data Services (CDS) views that you can use to access the correspondence history of a policy in accordance with the virtual data model (VDM) of Policy Management in SAP S/4HANA.

Interface views (basic and composite views) provide the data of the correspondence history of a policy. You can then use the composite views to build consumption views, for example.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Basic View: I_CACORRESPONDENCEHISTORY; Field Exposure: Expose Required Fields Composite View: I_INSURPLCYCRSPNCHIST; Field Exposure: Expose Required Fields Transactional View: R_INSURPLCYCRSPNCHISTTP; Field Exposure: Expose All Fields External API View:A_INSURPLCYCRSPNCHIST; Field Exposure: Expose All Fields Extend View: X_INS_I_CACORRESPNCHIST (extended on I_CACORRESPONDENCEHISTORY X_INS_2_I_CACORRESPNCHIST (extended on I_CACORRESPONDENCEHISTORY X_INS_I_INSURPLCYCRSPNCHIST (extended on I_INSURPLCYCRSPNCHIST) X_INS_I_INSURPLCYCRSPNCHISTORYTP (extended on I_INSURPLCYCRSPNCHISTORYTP) X_INS_A_INSURPLCYCRSPNCHIST (extended on A_INSURPLCYCRSPNCHIST)
Application Component	FS-PM (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

OData API: Insurance Policy (Version 3.1.0) [page 684]

14.3.2.1.10 CDS Views for the Auto Line of Business

Business Details

Policy Management Auto now provides Core Data Services (CDS) views that you can use to access data specific to auto insurance in accordance with the new virtual data model (VDM) of Policy Management in SAP S/4HANA.

Auto-specific data includes:

- Bonus-malus (incl. bonus-malus owner, certificate according to Compulsory Insurance Act, calculate claim surrender, calculate claim comparison)
- Type and regional class
- Premium comparison
- Special equipment
- Named driver
- Contract of Auto line of business
- Coverage of Auto line of business
- Insured object of category Vehicle

Implementation Details

Interface views (basic and composite views) provide the data. Subject to the release of the CDS views by SAP, you can build your own consumption views for transactional apps or Web APIs based on this data.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	CDS View: A_InsurancePolicyBonusMalus R_InsurancePolicyBonusMalusTP A_InsurPolicyBonusMalusOwner R_InsurPolicyBonusMalusOwnerTP A_InsurPlcyBnMlCertificate R_InsurPlcyBnMlCertificateTP A_InsurPlcyBnMlClaimSurrender R_InsurPlcyBnMlClmSurrenderTP A_InsurPlcyBnMlClaimComparison R_InsurPlcyBnMlClmComparisonTP A_InsurPolicyTypeRegionalClass R_InsurPlcyTypeRegionalClassTP A_InsurPolicyPremiumComparison R_InsurPlcyPremiumComparisonTP A_InsurPolicySpecialEquipment R_InsurPlcySpecialEquipmentTP A_InsurancePolicyNamedDriver R_InsurancePolicyNamedDriverTP A_InsurPolicyVehicleContract R_InsurPolicyVehicleContractTP A_InsurPolicyVehicleCoverage R_InsurPolicyVehicleCoverageTP A_InsurPlcyInsuredObject_2 R_InsurPolicyInsuredObjectTP_2
Application Component	FS-PMA (*Policy Management for Auto Insurance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.3.2.1.11 RFMs to Shift the Start Date (Policy, Contract, Coverage) in the Reset Business Process with the Execute Corrected Policy Issuance Business Transaction

Business Details

You can use the following remote-enabled function modules (RFM) to also execute the corresponding start date shift for auto insurance policies:

- *Shift Policy Start Date*: `/PM0/ABT_SVC_IPRP_POLICY_SHIFT`
- *Shift Contract Start*: `/PM0/ABT_SVC_IPRP_POLPR_SHIFT`
- *Shift Coverage Start*: `/PM0/ABT_SVC_IPRP_COV_SHIFT`

The RFMs execute the start date shift in the *Reset* business process with the *Execute Corrected Policy Issuance* business transaction for applications for which policies have already been issued.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	API:
	`/PM0/ABT_SVC_IPRP_POLICY_SHIFT`
	`/PM0/ABT_SVC_IPRP_POLPR_SHIFT`
	`/PM0/ABT_SVC_IPRP_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 FPS01

See Also

For more information about the function modules, read the long text of the function module documentation (transaction `SE37`) or see the following SAP Policy Management release note: Remote-Enabled Function Modules for Reset Business Process [page 679]

14.3.2.2 Claims Management

14.3.2.2.1 OData API: Insurance Claim Participant

Business Details

With this service, you can create, update, and delete a participant. You can also search for the specific participant details. It is integrated with SAP Business Partner (BP) to create a business partner with basic master data and claim participant details.

Implementation Details

Authorizations

To use the Insurance Claim Participant, 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_PROC
- I_ICL_SCLT
- I_INS_OBJ
- B_BUPA_GRP
- B_BUPA_RLT
- S_START

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_INS_ClaimParticipant`
Application Component	`FS-CM` (*Claims Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

Valid as Of	2025 FPS01

Related Information

[OData API: Insurance Claim Participant [page 696]]

14.3.2.2.2 OData API: Insurance Claim Item Grouping

Business Details

With this service, you can create and update claim item groupings. Delete is available only for claim items, procedures, and diagnoses. You can also use this service to search for the specific item groupings or to request the item groupings data.

Claim Item Grouping includes these activities:

- Create new claim item groupings
- Copy new claim item groupings
- Delete existing claim item groupings
- Change status of claim item groupings (approve, reverse, reject)

You can check available activities for Claim Item Grouping in the Customizing activity for the SAP Insurance under Claims Management Claim Technical Settings Process Control via Display or Function Codes Enhance Function Codes for Each Claim Item Grouping Category.

Implementation Details

Authorizations

To use the Insurance Claim Item Grouping, 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_PROC
- I_ICL_SCLT
- I_INS_OBJ
- I_ICLPREPY
- B_BUPA_GRP

- B_BUPA_RLT
- B_BUP_DCPD
- S_START

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_INS_ClaimItemGrouping`
Application Component	`FS-CM` (*Claims Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

OData API: Insurance Claim Item Grouping [page 697]

14.3.2.2.3 OData API: Insurance Claim Structured Facts Capture

Business Details

With this service, you can create and update insurance claim structured facts capture (SFC). You can also search for a specific claim SFC or request the complete claim SFC data.

Implementation Details

Authorizations

To use the Insurance Claim Structured Facts Capture, the following authorization objects must be assigned to the user:

- B_BSFC
- S_TABU_NAM
- S_START

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_InsurClmSFCSequence`
Application Component	`FS-CM` (*Claims Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS01

Related Information

OData API: Insurance Claim Structured Facts Capture [page 698]

14.3.2.3 Incentive and Sales Force Management

14.3.2.3.1 Broker Transfer

Business Details

With this feature, you can assign policies from one broker to another broker, i.e. perfrom a broker transfer. As part of the broker transfer, the functionality manages all dependent changes in Policy Management (FS-PM) and Incentive and Commission Management (ICM) and Portfolio Management (PFO). This includes adjusting the permium payer in FS-PM, transfer all entitlements and liabilities in ICM and set the universal succession in PFO.

The worklist user interface (worklist UI) serves as the main point of action of the broker transfer functionality. It is used to create, change or display worklists that store all relevant information as well as the effective date for the execution of a broker transfer.

Implementation Details

Customizing

You need to carry out the following Customizing activities to support the creation, change and display of worklists on the worklsit UI and the execution of broker transfers:

- Set up the number range for the worklist IDs in the Customizing for Incentive and Sales Force Management under *Incentive and Commission Management* > *Processes* > *Broker Transfer* > *Maintain Number Ranges*.
- Select the fields you want to be displayed in the Policy Details section of the worklist UI in the Customizing for Incentive and Sales Force Management under *Incentive and Commission Management* > *Processes* > *Broker Transfer* > *Maintain Selection Screen Fields*.
- Add the role Responsible Broker (00BO) in the Customizing for Incentive and Sales Force Management under *Incentive and Commission Management* > *Processes* > *Broker Transfer* > *Maintain Roles for Universal Succession Process*.
- Assign the enterprise commission contract number in the Customizing for Incentive and Sales Force Management under *Incentive and Commission Management* > *Processes* > *Broker Transfer* > *Maintain Enterprise Commission Contract*.
- Define the interface destinations to other operational systems such as Policy Management (FS-PM) or Collections and Disbursements (FS-CD) in the Customizing for Incentive and Sales Force Management under *Incentive and Commission Management* > *Processes* > *Broker Transfer* > *Enhancement and Integration* > *Maintain Interface Destination*.

Additionally, the following BAdIs are available to update custom entities or adapt the standard logic:

- The *BAdI: Broker Contract Retrieval* provides flexibility while retrieving broker contract details, accommodating different categories and rules that are used for setting up the master data in FS-CD. You can find it in the Customizing for Incentive and Sales Force Management under *Incentive and Commission Management* > *Processes* > *Broker Transfer* > *Enhancement and Integration* > *Broker Transfer: BAdI Enhancements* > *BAdI: Broker Contract Retrieval*.
- The *BAdI: Policy Data Enhancements* comprises the calls to Policy Management (FS-PM) and the customizing of policy attributes. It facilitates the selection of applicable policies, allowing custom-defined selection criteria. You can find the BAdI in the Customizing for Incentive and Sales Force Management under *Incentive and Commission Management* > *Processes* > *Broker Transfer* > *Enhancement and Integration* > *Broker Transfer: BAdI Enhancements* > *BAdI: Policy Data Enhancements*.
- The *BAdI: Broker Transfer Integration* enables exchange with and update of components outside of ICM and PFO, such as FS-PM, FS-CD, or external policy and collections systems. You can find the BAdI in the Customizing for Incentive and Sales Force Management under *Incentive and Commission Management* > *Processes* > *Broker Transfer* > *Enhancement and Integration* > *Broker Transfer: BAdI Enhancements* > *BAdI: Broker Transfer Integration*.

- The *BAdI: Worklist Item Enrichment* allows calls to FS-PM to retrieve policy attributes and facilitate better search and filtering options on the worklist UI. You can find the BAdI in the Customizing for Incentive and Sales Force Management under *Incentive and Commission Management* > *Processes* > *Broker Transfer* > *Enhancement and Integration* > *Broker Transfer: BAdI Enhancements* > *BAdI: Worklist Item Enrichment*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Customizing activities:
	`_CACS_BT_NRWL`
	`_CACS_WRKLST_SEL`
	`_CACS_BT_TCACS_RL_CN`
	`_CACS_BT_TCACS_ENT`
	`_CACS_BT_RFC`
	BAdI definitions:
	`CACS_BT_BROKER_BADI`
	`CACS_BRKCHG_POL_BADI`
	`CACS_BRKCHG_BADI`
	`CACS_BT_WL_ITEM`

Application Component	`ICM` (*Incentive and Commission Management*)
Valid as Of	2025 FPS01

14.3.2.4 msg.PMQ

14.3.2.4.1 New Project Setting for Presetting Runtime Cardinalities

Business Details

This feature enables you to use cardinalities and standard cardinalities (forward and, if available, backward) with preassigned values that can also be customized in the project settings when creating new relations at the product level. The new options can be found in the Properties under the **PMQ Settings/Project Settings/ Presets group**.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-MPM` (*msg.PMQ*)
Availability	SAP S/4HANA
Valid as Of	2025 FPS01

14.3.2.4.2 Formatting and Saving Float Values

Business Details

With this feature, the float-to-string conversion rules commonly used in msg.PM are now applied, when storing float values in XML-based content files. This means that float values in XML-based content files are now stored in the same way as float values in CSV data files from internal tables. (The main corrections were made to the switch to E-notation and the normalization to a maximum of 15 total digits.) Additionally, the UI display of float values in PMQ.Designer now also follows these conversion rules, but as before, it is localized, with configurable separators and grouping characters and configurable decimal places (a maximum of 14 are used for floats).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-MPM` (*msg.PMQ*)

Availability	SAP S/4HANA
Valid as Of	2025 FPS01

14.3.2.4.3 Bulk Execution of Headless Commands

Business Details

This new headless command **RunBulkCommand** enables you to use batch execution, which runs through all commands defined in a *.txt file (command file) one after the other. In addition to the parameter **pathToCommandFile**, which specifies the path to the command file, other optional parameters are available for execution. The execution of multiple headless commands in one go has a positive effect on performance, for example.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-MPM` (*msg.PMQ*)
Availability	SAP S/4HANA
Valid as Of	2025 FPS01

14.3.2.4.4 Improved Selection when Creating Generations and Adjustment Levels

Business Details

With this feature, the view of the product module editor now switches directly to the newly created/copied generation or adjustment level after creating a new generation or adjustment level (in the **Time Control** tab in the Properties view).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-MPM` (*msg.PMQ*)
Availability	SAP S/4HANA
Valid as Of	2025 FPS01

14.3.2.4.5 Additional Comparison Mode in the Comparison Editor

Business Details

With this feature, PMQ.Designer provides a new comparison mode, msg.PM Compact Component, which, additionally to the already available Text Comparison, features XML editor-like syntax highlighting.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-MPM` (*msg.PMQ*)
Availability	SAP S/4HANA
Valid as Of	2025 FPS01

14.3.2.4.6 Error Corrections and Usability Improvements

Business Details

With this release, smaller issues has been fixed and the usability has been improved.

- PMQ.Designer
    - Problems occurred with the SVN connector in connection with M10 mathematics. Starting with this release, it works again using the SVN connector ArSysOp SVN Connectors with SVNKit 1.10.
    - When performing an incremental build via the headless interface, an IllegalStateException occurred in the caches of technical product modules, which is now intercepted.
    - If the setting de.msg.pm.platform.workspace/PMQProjectWorkspace/isPMIDSupportEnabledByDefault=false is set for a workspace, it is now possible to execute headless commands without first setting a number range.
    - The parameter -buildStatisticsFile can now also be used with the headless command ImportProjectSettings.
    - The generation of assertion instructions from test case results was not possible in some cases. This has been fixed.
    - The hover for displaying values while debugging M10 code may not have displayed values if M10 comments were present before, after, or in the M10 expression under the mouse pointer. This has been fixed. At the same time, M10 expressions and statements in breakpoint conditions of the M10 debugger now support M10 comments. In addition, the evaluation of M10 expressions containing the built-in function arraySize or limit with two parameters has been fixed in the debugger.
    - The Goto Definition action and the definition hover over include names in includes have been fixed.
    - C-Runtime validation has been added for product attributes on product module relations without an associated type attribute.
    - The control for object types in the Value tab of a property view is now also scrollable in read-only or inherited mode.
    - The plugin de.msg.pm.plugin.customer.validation with the implementation example for customer-specific builders/validators ran into a runtime error when reading the XML configuration file there due to incomplete technical dependencies. The example has been adapted so that it now reads the XML file in a simplified manner, eliminating the need for any third-party dependencies.
- POTATO
    - When importing with modified templates and existing adjustment levels, errors occurred. This has been fixed.
    - Combined table transport is now also possible if PM ID support is deactivated in the project settings of PMQ content projects.
- PMQ.Deployment
    - The generation of file list files for web applications in deployment and the use of these files in PMQ Java runtime has been fixed. This prevents FileNotFoundExceptions when using content data from deployed EAR files.
    - During C Runtime deployment with target version 2103, unnecessary warnings were generated regarding product attributes without associated type attributes. This has been fixed.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-MPM` (*msg.PMQ*)
Availability	SAP S/4HANA
Valid as Of	2025 FPS01

14.4 Public Services

14.4.1 Deprecation of "Model Structure" App

Business Details

The *Model Structure* app is deprecated and will be removed from the SAP Fiori launchpad in the SAP S/4HANA 2025 release.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`F4896`
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 FPS01

14.4.2 Simplifying Material Planning with Smarter Controls and Flexible Options

Business Details

With this feature, you can streamline material planning by making the material field editable in purchase requisitions for flexible planning objects, applying layout-based selection in material assignments, and ensuring valid quantity adjustments. The deviation checks between authorized and actual materials when creating purchase requisitions based on Authorized/Actual Comparison (AAC) now considers material indicators and assignment status entries. These enhancements improve usability and accuracy in material planning processes

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
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 FPS01

Related Information

Flexible Material Planning Objects

14.4.3 Fine-Tune Settings for Defining Flexible Material Planning Objects

With this feature, you can fine-tune the definition of flexible material planning objects by configuring default assignment indicators for accompanying parts. You can also link models to multiple material planning objects but keep only one object active at a time. These enhancements provide greater flexibility and control in material planning setup.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
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 FPS01

Related Information

Flexible Material Planning Objects

14.4.4 Remote Server – Optimization of Cross-System Supply Chain Processes

Business Details

With this feature, you can optimize cross-system supply chain processes by enabling the central SAP S/4HANA system to communicate with disconnected remote servers, ensuring data consistency. It extends cross-system support for maintenance and supply processes in low-connectivity environments, enables immediate offline data entry even while disconnected from central system, improves data consistency after initial and delta distribution, and ensures completeness by distributing additional relevant data from remote servers. These enhancements improve data quality, support offline operations, and strengthen synchronization across systems.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Not applicable
Application Component	`IS-DFS-BIT-DIS` ()
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

14.4.5 Public Sector

14.4.5.1 Balance Sheet for US Federal Government

Business Details

This feature enables federal agencies to generate the Balance Sheet Financial Statement in a report, which is designed based on the Office of Management and Budget's (OMB) required federal agency financial statements, as provided in Circular A-136 and the more detailed requirements provided in the US Treasury's US Standard General Ledger's (USSGL) Crosswalks for Standard External Reports.

This Balance Sheet Financial Statement report is also one of the Core FS pre-built business reports, as outlined by the Financial Management Quality Service Management Office (FM QSMO).

Implementation Details

To support this reporting function in Fiori, SAP has delivered the transaction *FMFG_CONFIG_UPLOAD - Upload Treasury Structured Report Layout* for the upload tool in SAP S/4HANA. This tool uploads the XLS file format, which is downloaded from US Treasury USSGL website to the user's system and automatically creates the financial statement template in the configuration specified using the SAP Implementation Guide (IMG). To access the configuration, go to *SAP IMG* using the following path:

Public Sector Management > *Functions for US Federal Government* > *Reporting* > *Treasury Structured Reports* > *Configure Treasury Report Layout.*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID: `W0218`
Application Component	`PSM-FG` (*US Federal*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Balance Sheet for US Federal Government

14.4.5.2 Statement of Net Cost for US Federal Government

Business Details

This feature enables federal agencies to generate the Statement of Net Cost in a report, which is designed based on the Office of Management and Budget's (OMB) required federal agency financial statements, as provided in Circular A-136 and the more detailed requirements provided in the US Treasury's US Standard General Ledger's (USSGL) Crosswalks for Standard External Reports.

This Statement of Net Cost report is also one of the Core FS pre-built business reports, as outlined by the Financial Management Quality Service Management Office (FM QSMO).

Implementation Details

To support this reporting function in Fiori, SAP has delivered the transaction *FMFG_CONFIG_UPLOAD - Upload Treasury Structured Report Layout* for the upload tool in SAP S/4HANA. This tool uploads the XLS file format, which is downloaded from US Treasury USSGL website to the user's system and automatically creates the financial statement template in the configuration specified using the SAP Implementation Guide (IMG). To access the configuration, go to *SAP IMG* using the following path:

Public Sector Management > *Functions for US Federal Government* > *Reporting* > *Treasury Structured Reports* > *Configure Treasury Report Layout.*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `W0219`
Application Component	`PSM-FG` (*US Federal*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Statement of Net Cost

14.4.5.3 Statement of Budgetary Resources for US Federal Government

Business Details

This feature enables federal agencies to generate the Statement of Budgetary Resources in a report, which is designed based on the Office of Management and Budget's (OMB) required federal agency financial statements, as provided in Circular A-136 and the more detailed requirements provided in the US Treasury's US Standard General Ledger's (USSGL) Crosswalks for Standard External Reports.

This Statement of Budgetary Resources report is also one of the Core FS pre-built business reports, as outlined by the Financial Management Quality Service Management Office (FM QSMO).

Implementation Details

To support this reporting function in Fiori, SAP has delivered the transaction *FMFG_CONFIG_UPLOAD - Upload Treasury Structured Report Layout* for the upload tool in SAP S/4HANA. This tool uploads the XLS file format, which is downloaded from US Treasury USSGL website to the user's system and automatically creates the financial statement template in the configuration specified using the SAP Implementation Guide (IMG). To access the configuration, go to *SAP IMG* using the following path:

Public Sector Management > *Functions for US Federal Government* > *Reporting* > *Treasury Structured Reports* > *Configure Treasury Report Layout.*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `W0217`
Application Component	`PSM-FG` (*US Federal*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Statement of Budgetary Resources

14.4.5.4 Statement of Custodial Activity for US Federal Government

Business Details

This feature enables federal agencies to generate the Statement of Custodial Activity report, which is designed based on the Office of Management and Budget's (OMB) required federal agency financial statements, as provided in Circular A-136 and the more detailed requirements provided in the US Treasury's US Standard General Ledger's (USSGL) Crosswalks for Standard External Reports.

This Statement of Custodial Activity report is also one of the Core FS pre-built business reports, as outlined by the Financial Management Quality Service Management Office (FM QSMO).

Implementation Details

To support this reporting function in Fiori, SAP has delivered the transaction *FMFG_CONFIG_UPLOAD - Upload Treasury Structured Report Layout* for the upload tool in SAP S/4HANA. This tool uploads the XLS file format, which is downloaded from US Treasury USSGL website to the user's system and automatically creates the financial statement template in the configuration specified using the SAP Implementation Guide (IMG). To access the configuration, go to *SAP IMG* using the following path:

Public Sector Management > *Functions for US Federal Government* > *Reporting* > *Treasury Structured Reports* > *Configure Treasury Report Layout.*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `W0225`
Application Component	`PSM-FG` (*US Federal*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Statement of Custodial Activity

14.4.5.5 Statement of Changes in Net Position for US Federal Government

Business Details

This feature enables federal agencies to generate the Statement of Changes in Net Position in a report, which is designed based on the Office of Management and Budget's (OMB) required federal agency financial statements, as provided in Circular A-136 and the more detailed requirements provided in the US Treasury's US Standard General Ledger's (USSGL) Crosswalks for Standard External Reports.

This Statement of Changes in Net Position report is also one of the Core FS pre-built business reports, as outlined by the Financial Management Quality Service Management Office (FM QSMO).

Implementation Details

To support this reporting function in Fiori, SAP has delivered the transaction *FMFG_CONFIG_UPLOAD - Upload Treasury Structured Report Layout* for the upload tool in SAP S/4HANA. This tool uploads the XLS file format, which is downloaded from US Treasury USSGL website to the user's system and automatically creates the financial statement template in the configuration specified using the SAP Implementation Guide (IMG). To access the configuration, go to *SAP IMG* using the following path:

Public Sector Management > *Functions for US Federal Government* > *Reporting* > *Treasury Structured Reports* > *Configure Treasury Report Layout.*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `W0220`
Application Component	`PSM-FG` (*US Federal*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

Statement of Changes in Net Position

14.4.5.6 Integration with Transportation Management for Accurate Federal Financial Postings

Business Details

Public Sector Accounting (Funds Management) is integrated with SAP Transportation Management's Freight Order and Forwarding Order modules to ensure precise capture and reflection of transportation-related financial transactions such as validating funds availability and post commitments prior to settlement. This feature supports seamless accounting information flow, aiding in accurate revenue forecasting and expenditure management.

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 FPS01

Related Information

Integration with Transportation Management

14.4.5.7 Cross Servicing Next Generation (CSNG) for US Federal Government

Business Details

This feature enables federal agencies to manage and process delinquent debts. It enables you to refer debts that are overdue to Cross Servicing Next Generation (CSNG), which is the cross servicing system of the US Treasury, for collection.

Implementation Details

The following are the transactions and the details of the process that have been implemented by SAP to interface with CSNG:

- *FMFG_CSNG_DEL_DEBT - Delinquent Debt File (Outbound)*: Using this transaction the agencies can create an outbound file with delinquent debt data, which can be loaded into CSNG.

- *FMFG_RPTA_DERIVE - Maintain Derivation for Delinquent Debt*: Using this transaction the derivation for delinquent data can be maintained.

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 FPS01

Related Information

Cross Servicing Next Generation (CSNG)

14.4.5.8 Collections Information Repository (CIR) for US Federal Government

Business Details

This feature enables you to interface with the U.S. Treasury's Collections Information Repository (CIR). It allows detailed and summary-level information on collections that your agency receives to be posted into the financial system.

Implementation Details

The following are the transactions and the details of the process that have been implemented by SAP to interface with CIR:

- */AIF/LFA_UPLOAD_FILE - Uploading Files to AIF*: Using this transaction the agencies can upload files with CIR data into AIF.

- *FMCIRPSDERIVE - Derivation of Posting Strategy*: Using this transaction the derivation for posting strategy details can be maintained. This is primarily used to differentiate the types of collections that your agency receives so that you can differentiate the accounting (G/L Accounts and Account Assignment Details) in the following derivations.
- *FMCIRARDERIVE - Derivation Strategies for AR Postings*: Derivation Strategies for AR Postings: This derivation is used when you have an existing Accounts Receivable posting that you want to clear with the Collection. Using this transaction the derivation for posting strategy details for AR postings can be maintained.
- *FMCIRGLDERIVE - Derivation Strategies for GL Postings*: Derivation Strategies for GL Postings: This derivation is used when the posting strategy does not have an existing Accounts Receivable, and posts a credit to a revenue account and a debit to a cash account. Using this transaction the derivation for posting strategy details for GL postings can be maintained.
- */AIF/ERR - Monitoring and Error Handling*: Using this transaction the agencies can monitor the CIR data and perform error handling scenarios.

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 FPS01

Related Information

Collections Information Repository (CIR)

14.4.5.10 Tax and Revenue Management

14.4.5.10.1 New CDS Views in Taxpayer Identification and Returns Processing

Business Details

There are new CDS Views for Taxpayer Identification and Returns Processing.

The following new CDS Views are now available for Taxpayer Identification and Returns Processing:

- Business Partner Standard Industry: `I_PublicSectorBPStdIndstry`
- Public Sector Contracts: `I_PublicSectorContractVH`
- Active Tax Obligation: `I_PubSecActiveTaxObligation`
- Public Sector Contract Types: `I_PubSecContractTypeVH`
- Form Bundle with Status Profile: `I_PubSecFormBundleEnhanced`
- User Status Profile of Form Bundle: `I_PubSecFormBundleStsPrfl`
- Overdue Inbound Correspondence Requests: `I_PubSecOverdueInbCorrespncReq`
- Public Sector Revenue Types: `I_PubSecRevenueTypeVH`
- Tax Obligations: `I_PubSecTaxObligation`
- Form Bundle Type (Value Help): `I_PubSecFormBundleTypeVH`
- Assignment Fact Types to Fact Set: `I_PubSecFactTypeSetAssgmt`
- Fact Categories to Fact Type: `I_PubSecFactCategoryTypeAssgmt`
- Fact Category: `I_PublicSectorFactCategory`
- Fact Entries: `I_PublicSectorFact`
- Fact Set Revenue Type: `I_PubSecFactSetRevenueType`
- Fact Type: `I_PublicSectorFactType`
- Form Bundle: `I_PublicSectorFormBundle`
- Form Bundle Type: `I_PubSecFormBundleType`
- Form Bundle Type Form Type: `I_PubSecFormBundleTypeFormType`
- Form Bundle Type Processing Reason: `I_PubSecFormBundleTypeProcRsn`
- Form Type Customizing: `I_PublicSectorFormType`
- Form-Based Process: `I_PublicSectorFormProcess`
- Note Attribute of Public Sector Notes: `I_PublicSectorNoteAttribute`
- Processing Reason Code: `I_PublicSectorProcessingReason`
- Public Sector BRF Message: `I_PublicSectorBRFMessage`
- Public Sector Contract: `I_PublicSectorContract`
- Public Sector Contract Type: `I_PublicSectorContractType`
- Public Sector Fact Set: `I_PublicSectorFactSet`
- Public Sector Form: `I_PublicSectorForm`
- Public Sector Form Class: `I_PublicSectorFormClass`
- Public Sector Form Status: `I_PublicSectorFormStatus`

- Public Sector Message Status: `I_PublicSectorMessageStatus`
- Public Sector Message Type: `I_PublicSectorMessageType`
- Public Sector Contract for BP and Account Category: `I_PubSecContractPartner`
- Revenue Type: `I_PublicSectorRevenueType`

Technical Details

Type	New
Functional Localization	No localization
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 FPS01

14.4.5.10.2 Disable XML Versioning

Business Details

You can now disable the automatic creation of new data versions, when changing an XML form. After disabling versioning, saving changes of an XML form will update the data of the current data version without creating a new version.

Technical Details

Type	Changed
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 FPS01

14.4.5.10.3 Enable Archiving of Form Data Stored in the Business Document Service

Business Details

You can now include XML form data in the archiving run for the form bundle archiving object `FMCA_FB`. Form data will be written to the archiving structure and will be deleted during the deletion run.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not Applicable
Technical Object Name	Transaction ID: `ISPSCA_FMCAARFB3`
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 FPS01

Related Information

Archiving and Deletion of Form Data

14.4.5.11 Procurement for Public Sector

14.4.5.11.1 Manage Attachments at Item Level

Business Details

You can view, upload, link, and manage attachments at the item level, with full visibility of document details during create and edit modes.

It enhances item-level communication and information sharing.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`MM-PUR-PS-UPL`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

SAP Ariba Sourcing and Procurement for Public Sector in S/4HANA

14.4.5.11.2 Create Earmarked Funds for Purchasing Document Items

Business Details

Authorized users can create Earmarked Funds (EMF) for selected purchasing document items when the Manage Funds Request (MFR) is in *In Progress* status. The system creates an EMF document with the requested amount as the *Open Amount* and assigns it as the *Allocated Amount* to the corresponding line item.

It helps you ensure accurate and controlled budget allocation.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`MM-PUR-PS-FR`
Availability	SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

SAP Ariba Sourcing and Procurement for Public Sector in S/4HANA

14.4.5.11.3 Improved Inquiry Response Handling

Business Details

You can create a *Respond to Inquiry Note* on a purchase requisition item only if an *Inquiry Note* was previously created by the purchaser. When a requestor responds to the inquiry or updates the purchase requisition, the item's processing status automatically changes from *Inquiry* to *Inquiry Completed*, but only if the purchase requisition item is in *Active* status.

It ensures clear tracking of inquiry responses, accurate item status, and efficient communication between purchasers and requestors.

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`MM-PUR-PS-PPR`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

SAP Ariba Sourcing and Procurement for Public Sector in S/4HANA

14.4.5.11.4 Item Process Type for Purchasing Documents

Business Details

The *Item Process Type* feature lets you control item behavior and default values in purchasing documents through Customizing. When selected, it automatically defaults key fields such as *Item Category*, *Item Type*, *Account Assignment*, and process controls, and can be defined for item sets and their child items.

This feature reduces manual effort, prevents incorrect entries, and ensures consistent item setup across documents, improving accuracy and efficiency in purchasing processes.

Technical Details

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

Application Component	`MM-PUR-PS-PR`
	`MM-PUR-PS-PO`
	`MM-PUR-PS-PC`

Availability	SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

SAP Ariba Sourcing and Procurement for Public Sector in S/4HANA

14.4.5.11.5 New Application Manage Purchase Requests

Business Details

The *Manage Purchase Requests* app enables you to quickly create purchase requisitions through a self-service, catalog-based experience with minimal input. Automatic defaulting ensures faster processing, fewer errors, and consistent, compliant purchase requests, improving overall procurement efficiency.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`MM-PUR-PS-PR`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

SAP Ariba Sourcing and Procurement for Public Sector in S/4HANA

14.4.5.11.6 Release Order Limits in Contract Hierarchies

Business Details

The Release Order Limit in contract hierarchy enforces spending limits for contracts within a hierarchy. The system tracks the limit at the root contract, displays current consumption in the *Manage Contract Hierarchy* app, and notifies responsible users when thresholds are reached. It validates limits during release order creation, submission, adding new contracts, or updating the root contract limit, showing warnings or errors if limits are exceeded. Only active release orders and relevant statuses are considered.

Helps customers control spendin and ensure compliance across contract hierarchies.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	MM-PUR-PS-PC
Availability	SAP S/4HANA
Valid as Of	2025 FPS01

Related Information

SAP Ariba Sourcing and Procurement for Public Sector in S/4HANA

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