

What's New | PUBLIC
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What's New in SAP S/4HANA and SAP S/4HANA Cloud Private Edition 2025 FPS02

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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 Business Partners

2.1.1 Create Business Partners Using AI

Business Details

You can now leverage the capabilities of SAP Document AI to create business partner in the Manage Business Partner Master Data app. With this feature, you can extract information from locally uploaded business documents, such as invoices and sales orders, and use the extracted data to create business partner master data. For more information, see AI-based Creation of Business Partner.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F3163`
Application Component	`LO-MD-FIO-BP` (*Business Partners*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

2.1.2 Number Assignment per Account Group for Flexible Business Partner Groupings

Business Details

With this feature, you can configure number assignment from business partner to customer or supplier per account group when flexible business partner groupings are used. In addition, you can restrict the use of specific customer or supplier account groups for selected business partner groupings.

With two new IMG activities, you can now define the following per combination of business partner grouping and account group:

- Whether business partner IDs are copied to the corresponding customers or suppliers
- Whether a specific account group is blocked from being used with a selected business partner grouping altogether
- An optional number offset or prefix for the resulting customer or supplier number

This gives you more granular control over number assignment in complex system landscapes where different groupings require different numbering rules.

Implementation Details

You are using the **Maintain Business Partner** report (transaction BP) or the **Maintain Business Partner** app to manage your master data.

Customizing

You can configure the number assignments using the following two new Customizing activities:

- For customer master data, go to *Cross-Application Components* under *Master Data Synchronization* > *Customer Integration* > *Business Partner Settings* > *Settings for Customer Integration* > *Field Assignment for Customer Integration* > *Assign Keys* > *Define Number Assignment for Direction BP to Customer for Flexible Groupings* > .
- For supplier master data, go to *Cross-Application Components* under *Master Data Synchronization* > *Supplier Integration* > *Business Partner Settings* > *Settings for Supplier Integration* > *Field Assignment for Supplier Integration* > *Assign Keys* > *Define Number Assignment for Direction BP to supplier for Flexible Groupings* > .

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`V_TBD003` `V_TBC003`
Application Component	`CA-FS-CVI` (*Customer Vendor Integration (FS-BP)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

2.2 Business Address Services

2.2.1 Assign Geo Coordinates To Addresses

Business Details

The feature enables you to maintain fields for latitude, longitude, and altitude for an address. This way, you can start maintaining the exact physical location of an address. By maintaining precise location of an address, you can improve delivery accuracy, enable map-based visualizations, and support location-based services.

The feature introduces:

- WGS84-based spatial reference system to manage the coordinates for an address
- a new section on the screens with three fields to enter the coordinates
- fields for latitude, longitude, and altitude

While all applications consuming Business Address Services can manage the fields, the applications of Business User Management are not enabled to consume the fields. The fields are not relevant for Business User Management apps.

Implementation Details

Customizing

To activate the feature, you must configure the associated Customizing activity. In the SAP Customizing Implementation Guide, navigate to *Flexible Real Estate Management (RE-FX)* > *Address Management* > *Activate Geolocation in Business Address Services*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Customizing Activity: `Activate Geolocation in Business Address Services`
Application Component	`BC-SRV-ADR` (*Business Address Services*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

2.3 Document Management

2.3.1 Redesigned SAP Help Portal Documentation for Document Management

Business Details

The Product Assistance for Document Management on SAP Help Portal has been redesigned to improve your experience. You can now easily find the information you need to configure and use Document Management with all its features and integration options. The documentation is now located in the documentation for SAP S/4HANA Cloud Private Edition directly under *Cross Functions*. All content formerly divided between Enterprise Content Management and Document Management is now part of the redesigned and comprehensive Document Management documentation.

New image maps guide you to key topics. Updated graphics help you understand the main concepts, features, and their connections. The feature-specific information for each interface technology option (SAP Fiori, SAP GUI, or PLM Web UI) is now separate. You can focus on the content relevant to your interface.

> **Note**
>
> Please note that bookmarks you may have set to topics that were formerly located on SAP Help Portal under *Enterprise Content Management* continue to work. However, the topics in this structure are no longer updated. To make sure that you always get the up-to-date information, search for the topics in the new Document Management structure and renew your bookmarks accordingly.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Application Component	`CA-DMS` (*Document Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Document Management

2.4 Master Data Governance

2.4.1 Master Data Governance, Central Governance

2.4.1.1 Define Priority and Reason for Business Partners

Business Details

With this feature, you can define the priority and the reason when creating or editing a business partner in the *Manage Business Partners - Central Governance* app. **Note:** This feature is only available for cloud-ready mode.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	F7204A (*Manage Business Partners - Central Governance*)
Application Component	CA-MDG-APP-BP (*MDG Business Partner*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Creating a Business Partner

2.4.1.2 Define Notes for Business Partners

Business Details

With this feature, you can create several notes for one process in the *Manage Business Partners - Central Governance* app until the process is finalized or deleted. You can display existing notes in the *Process Information* section. **Note:** This feature is only available for cloud-ready mode.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	F7204A (*Manage Business Partners - Central Governance*)
Application Component	CA-MDG-APP-BP (*MDG Business Partner*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Creating a Business Partner

2.4.1.3 Define Rejection Reasons for Business Partners

Business Details

With this feature, you can use rejection reasons for master data processes if rejection reasons have been configured. **Note:** This feature is only available for cloud-ready mode.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Application Component	`CA-MDG-APP-BP` (*MDG Business Partner*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Configure Rejection Reasons

2.4.2 Master Data Governance, Data Quality Management

2.4.2.1 Validation Rules (Changed)

Business Details

The *Validation Rules* app now provides improved handling of usages and a refined status workflow for validation rules.

The following features were changed:

- Previously, you could add or delete a usage after saving a rule. Now, you must be in **Edit** mode to add a usage to a rule or to delete a usage.
- The button for adding a usage to a rule was renamed from *Add* to *Create*.
- You can now choose to add a usage either with status *Not Ready* or *Disabled*. If you select *Disabled*, the BRFplus content is automatically prepared when you save the rule.

- The rule status workflow was simplified. You can still use all the available statuses if you collaboratively work on a rule. However, if only one person manages a rule, some statuses can be skipped. For more information, see Role Setup for Validation Rule Management.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`F4083A` (*Validation Rules for Products*) `F4082A` (*Validation Rules for Business Partners*)
Application Component	`CA-MDG-ADQ` (*Master Data Quality Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

2.4.3 Inbound Processes for Business Partners and Business Partner Relationships

Business Details

With this feature, you can use inbound processes not only for business partners, but also for business partners and their relationships.

For this purpose, the following new process templates are available:

- SAP_BX_DMC (*SAP: Decentr. Create BP+Rel.w/Matchg*)
- SAP_BX_DMU (*SAP: Decentr. Update BP+Rel.*)
- SAP_BX_DCA (*SAP: Decentr.Create BP+Rel.w/Mtchg Autom*)
- SAP_BX_DUA (*SAP: Decentr. Update BP+Rel. Autom.*)
- SAP_BX_DCF (*SAP: Decentralized Create BP+Rel. Federa*)
- SAP_BX_DUF (*SAP: Decentralized Update BP+Rel. Federa*)
- SAP_BX_DAC (*SAP: Decentr. Create BP+Rel. Fed. Automa*)
- SAP_BX_DAU (*SAP: Decentr. Update BP+Rel. Fed. Automa*)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-MDG-CMP` (*Consolidation & Mass Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

2.4.4 AI-Assisted Search Criteria for Master Data Governance

AI-assisted Search Criteria helps you configure MDG search criteria using natural language prompts. The feature automatically maps your prompts to relevant search attributes, reducing your manual effort and simplifying complex search setups.

Business Details

AI-assisted Search Criteria

You can prompt using the *Assisted Search Criteria* field on the MDG Search page to set the search method and search criteria.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-MDG-DQ` (**Master Data Governance Data Quality**)

Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Master Data Governance, Generic Functions 2025 FPS02

2.4.5 Sorting Hierarchies in Master Data Governance

A sort button that orders direct child nodes under a selected hierarchy node in ascending or descending order. Use this to improve navigation and readability of large hierarchies in Master Data Governance while ensuring consistency with target systems where sorting already exists.

Business Details

You can now sort the nodes of a hierarchy directly in the user interface. Select a node to sort its immediate child entries in ascending or descending order, improving readability and navigation.

For alphanumeric values, sorting follows a consistent logic where numeric values are listed before alphabetic values.

This feature helps you structure hierarchies more clearly and ensures better alignment with connected target systems that already support sorting.

This new feature is available as of:

- SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2023 SP06
- SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2025 FPS02

Technical Details

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

Application Component	CA-MDG-AF (*Application Framework*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

2.4.6 Change Request Type Determination for Client Maintenance

Enhancement enabling custom logic through a Business Add-In to automatically determine change request types for inbound material processing in client maintenance scenarios. Use this to automate workflow assignment based on business-specific criteria like sender system or object data, reducing manual effort and improving process accuracy.

Business Details

You can now use a Business Add-In (BAdI) to determine the change request type automatically during inbound processing in client maintenance scenarios.

This enhancement allows you to define custom logic based on business-specific criteria such as the sender system or incoming data, eliminating the need for manual selection.

The feature extends existing functionality to material scenarios, enabling consistent and flexible control over change request processing across different master data objects.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	CA-MDG-APP-MM (*MDG Material*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

2.4.7 AI-Powered Smart Upload for MDG Master Data File Processing

Business Details

The Smart Upload feature introduces AI-driven automation into the *File Upload* app, offering the following benefits:

A placed *Smart Upload* button initiates intelligent processing.

The system analyses column headers, metadata, and file contents.

AI matches detected columns with the system's internal data model.

Manual adjustments remain possible for full control.

The solution integrates seamlessly with existing upload functionality while ensuring data security and scalability.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-MDG-AF-DT` (*Data Transfer*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

File Upload

2.5 Value Chain Monitoring

2.5.1 Enhancement in Monitor Value Chains

Business Details

The *Monitor Value Chains* app now includes the new *External Step Due Date* filter. Use this filter to identify pending external steps based on their planned execution date. The app also displays the planned execution date as a warning in the Issue Detected column and automatically removes the warning after the external step is processed successfully.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	5D2 (Advanced Intercompany Sales) 5HP (Advanced Intercompany Stock Transfer) 5MQ (Sell from Stock with Valuated Stock in Transit) 7YY (Multistage Intercompany Sales) 7YZ (Multistage Intercompany 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 FPS02

Related Information

Monitor Value Chains

2.5.2 New App: Monitor Value Chain Overview

Business Details

The new *Monitor Value Chains Overview* app provides a centralized overview for monitoring and analyzing end-to-end value chains across supported intercompany business scenarios. The app offers interactive dashboards, advanced filtering, and search capabilities to help you identify business process issues, errors, and warnings. You can drill down into business process details, navigate to related business documents and financial chains, reprocess business documents in error state, and access detailed graphical process flows in the *Monitor Value Chains* app, enabling faster issue analysis and resolution.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5D2 (Advanced Intercompany Sales) 5HP (Advanced Intercompany Stock Transfer) 5MQ (Sell from Stock with Valuated Stock in Transit) 7YY (Multistage Intercompany Sales) 7YZ (Multistage Intercompany Stock Transfer)
Technical Object Name	`App ID: F9313`
Application Component	`CA-VCM-MON`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Monitor Value Chains Overview

2.6 Integrated Business Communications

2.6.1 Digital Asset Management

Business Details

You can now integrate external Digital Asset Management (DAM) systems with the Message Composer app to centrally manage and use digital assets in your communications. From within the *Message Composer* app, you can browse, search, preview, upload, and select image assets directly from connected DAM repositories.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	*n/a*
Technical Object Name	`F9175 (DAM Integration)`
Application Component	`CA-IBC-DAM` (*Integration of Digital Asset Management (DAM) Systems*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Digital Asset Management

2.6.2 Contextual Business Communication

Business Details

Contextual Communication has been enhanced with new capabilities that improve communication transparency and personalization. You can now view the messages generated in **Output Management** in the **Contact Profiles** app timeline, access communication history directly from the plug-in popover, personalize

messages with recipient-specific notes, preview personalized content for each recipient, and select recipients from the proposed list.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	n/a
Technical Object Name	• `F9059 (Contextual Business Communications Plugin)` • `F9093 (Contextual Business Communications)` • `F9084 (Manage Communication Patterns)`
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 FPS02

Related Information

Contextual Business Communications

2.6.3 Distribution of Email Templates

You can now distribute email templates to different communication areas based on user authorizations. This enables centralized template management and helps ensure consistent communication across business functions while simplifying email content creation.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	n/a
Technical Object Name	`F1937 (Message Composer)`
Application Component	`CA-IBC-MSG` (*Messages*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Distribute Templates and Reusable Blocks to Communication Areas

2.6.4 Trigger-Based Communication

Business Details

You can now automate predefined, multi-step communication processes based on business events. It also supports context-based personalization throughout the communication flow and provides APIs for triggering communications from external systems.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	n/a
Technical Object Name	• `F9084 (Manage Communication Patterns)` • `F2352 (Manage Communication Flows)`
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 FPS02

Related Information

Trigger-Based Communication

2.7 SAP Fiori Launchpad

2.7.1 Hub Deployment Option of Front-End Server Is Deprecated

Business Details

The hub deployment option using SAP Fiori front-end server as a standalone server is deprecated and will be obsolete in a future version.

Instead, use the embedded deployment option, where the SAP Fiori front-end server (and the associated components) is deployed along with the backend components in the same system. See Initial Setup for Embedded Deployment (Recommended).

Implementation Details

For existing deployments, you have to migrate from the standalone (hub) deployment to the recommended embedded deployment. See Migrate SAP Fiori Front-End Server from Standalone to Embedded System Deployment.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Application Component	**CA-FLP-ABA** (*SAP Fiori Launchpad ABAP Services*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

2.7.2 Analyzing Space and Page Assignments App to Be Replaced by Launchpad Content Aggregator

Business Details

The Analyzing Space and Page Assignments app is deprecated. Use launchpad content aggregator instead. See Analyzing Launchpad Content.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	n/a
Technical Object Name	Transaction: `/UI2/RSP_LIST`
Application Component	`CA-FLP-ABA-DT` (*SAP Fiori Launchpad ABAP Content Admin Tools*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Analyzing Space and Page Assignments

2.7.3 Integrating Plug-Ins That Are Role-Based and Client-Specific

Business Details

You can integrate plug-ins into the launchpad that are assigned by business role and have client-specific values. For example, you can make a plug-in available for the production engineer business role and link the plug-in to different systems based on the system role.

This approach combines creating a LADI of app type *Plug-In*, which you assign to users based on their business roles, and configuring an entry in *Change Client-Specific Settings* (`/UI2/FLP_CUS_CONF` transaction), which is client-specific.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Customizing Activity: `/UI2/FLP_CUS_CONF`
Application Component	`CA-FLP-ABA` (*SAP Fiori Launchpad ABAP Services*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Working with Launchpad Plug-Ins

2.7.4 Search - Specify How Many Apps Are Suggested

Business Details

In the Manage Launchpad Settings app, administrators now can specify the number of suggested apps, depending on the data source. See Manage Launchpad Settings, parameters `SEARCH_APP_SUGGESTIONS_LIMIT` and `SEARCH_APP_SUGGESTIONS_LIMIT_ALL`.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Application Component	`HAN-AS-INA-UI` (*Fiori Search UI*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

2.7.5 SAP Fiori Launchpad Designer Deprecated

Business Details

SAP Fiori launchpad designer (FLPD) is deprecated and must no longer be used. With the SAP Fiori Launchpad release 2020, new design tools were published and the use of the launchpad designer was no longer recommended. Launchpad designer is officially deprecated as of release 2023, and it will be removed in an upcoming release. Do not use launchpad designer for any new launchpad content. Migrate existing content to the successor formats and use successor tools.

Creating and managing technical catalogs: Use launchpad app manager. For migrating existing technical catalogs from FLPD format to the Launchpad App Descriptor Item format, see Migrating Technical Catalogs.

Creating and managing business catalogs: Use launchpad content manager, see Setting Up Business Catalogs with SAP Fiori Launchpad Content Manager.

Structuring launchpad content: Use spaces and pages. For creating pages from existing groups, see Create Launchpad Pages from Groups.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	
Application Component	CA-FLP-FE-DT (*SAP Fiori Launchpad Frontend Content Admin Tools*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Tools for Setting Up Launchpad Content
SAP Note 3170196

2.7.6 Home Page Deprecated

Business Details

Please be aware that the SAP Fiori launchpad home page based on groups will be replaced by the spaces and pages. The classic home page feature is deprecated and will be removed in a future version. See SAP note 3500249 for current information.

With SAP S/4HANA 2020 SAP introduced a new layout concept: the spaces and pages. Pages can be used to display the apps instead of the classic home page. For the administrator there are two WYSIWYG editors to easily create launchpad spaces and pages or copy and then edit predefined spaces and pages. Spaces and pages should enhance the flexibility to tailor the launchpad layout according to customer and user needs. This will replace the home page concept based on groups. See Managing Launchpad Spaces and Pages for detailed information on the new concept.

Implementation Details

System administrators should create spaces and pages or assign predefined spaces and pages to business roles.

Authorizations

Technical Details

Type	Deprecated

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`CA-FLP-FE-DT` (*SAP Fiori Launchpad Frontend Content Admin Tools*)
Availability	
Valid as Of	2025 FPS02

2.7.7 AI-Assisted Easy Filter

Business Details

AI-Assisted easy filter helps users to define filter queries in SAP Fiori elements-based applications using natural language, instead of applying filters manually.

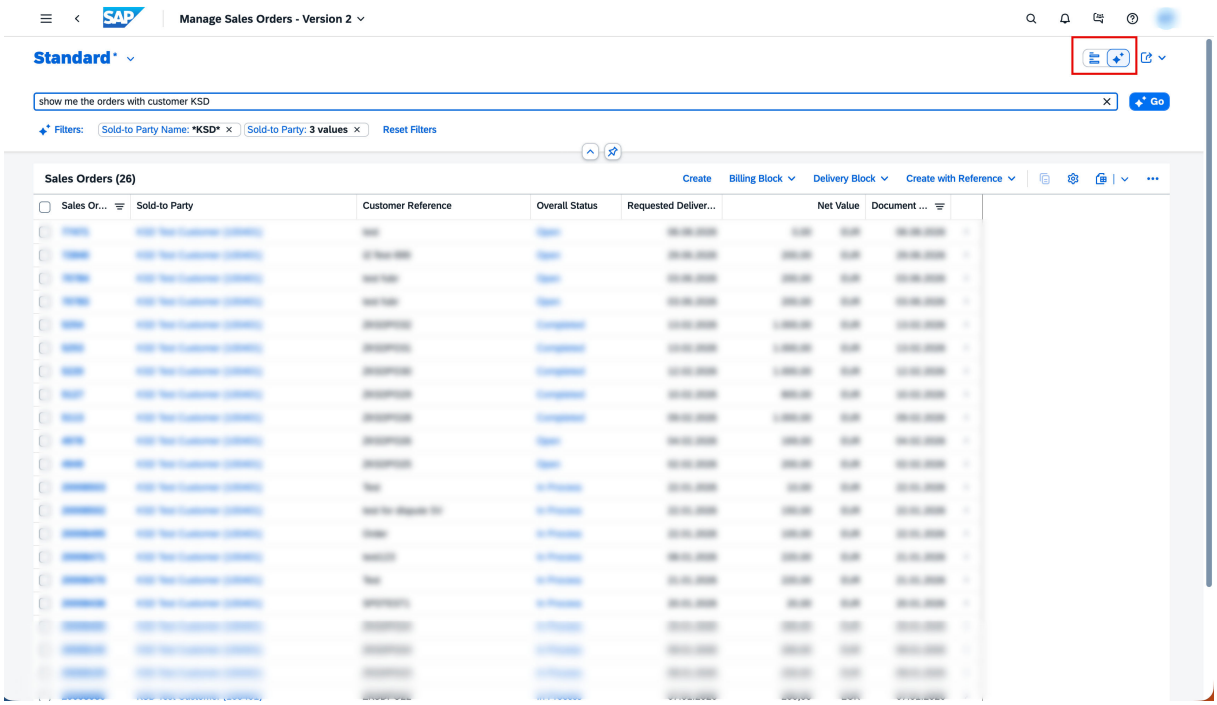
Easy filter provides the following features:

- **Natural language query**: Describe your query using natural language, for example "Show me all travels starting next month". The system uses your input to apply the corresponding filters.
- **Search bar**: Work with your *Favorite Queries* as well as your *Last Used Queries*. You can add queries to your favorites from the list of last used queries, and remove queries from both lists.
- **Reset Filters** button: Removes all applied filters so you can start from scratch.
- **Review and adjust**: Review the applied filters in the filter bar and adjust them as needed.

When enabled, the features are available in all SAP Fiori elements applications. For a list of applications, see SAP Fiori Apps Reference Library.

Changes to the User Interface

You can verify that the easy filter feature is available for you when you see the filter mode button above the filter bar of your app, allowing you to toggle between Classic mode and SAP Business AI-mode.



Easy Filter

Technical Details

Action	Innovation
Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`BC-SRV-APS-AI-UIS` (*Intelligent UI Services*)
Valid as Of	2025 FPS02

Related Information

Enabling AI-Assisted Easy Filter
Using AI-Assisted Easy Filter

2.7.8 AI-Assisted Error Explanation

Business Details

The AI-assisted error explanation helps users to understand issues they encounter when working on an object page in SAP Fiori elements-based applications, and provides recommendations how to resolve these issues.

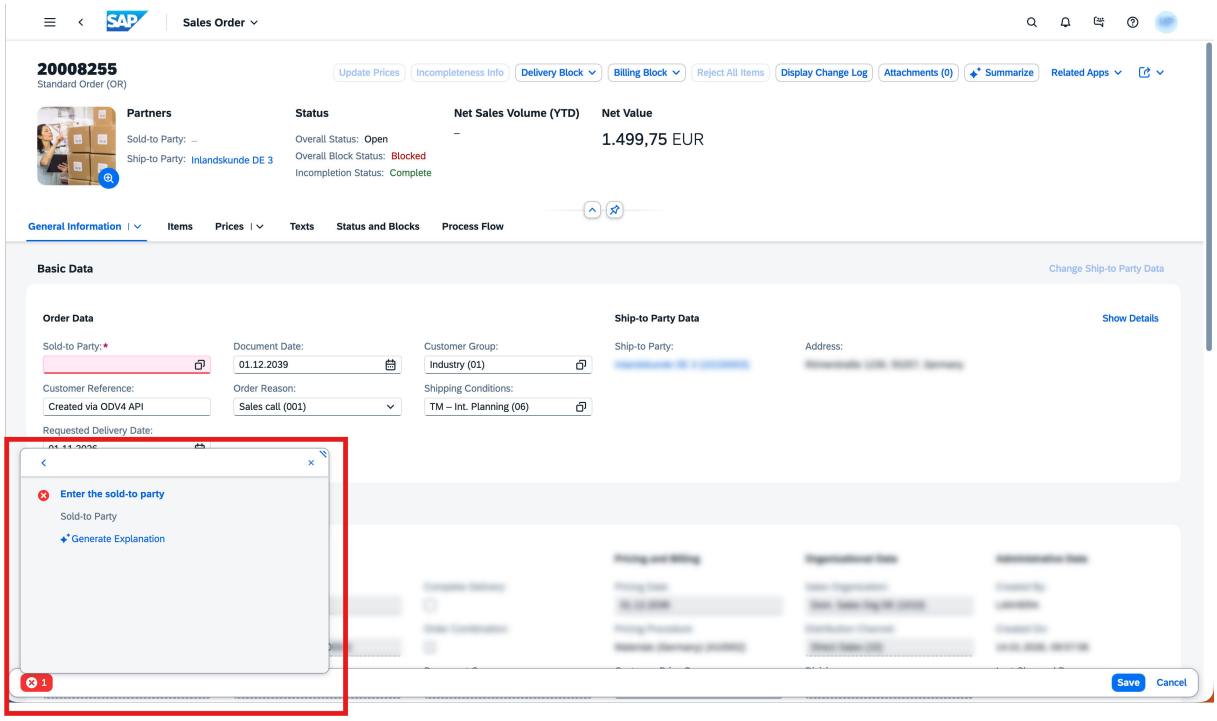
Error explanation provides the following features:

- *Generate Explanation* button: View a detailed explanation generated by AI with recommendations how to best resolve the identified issue.

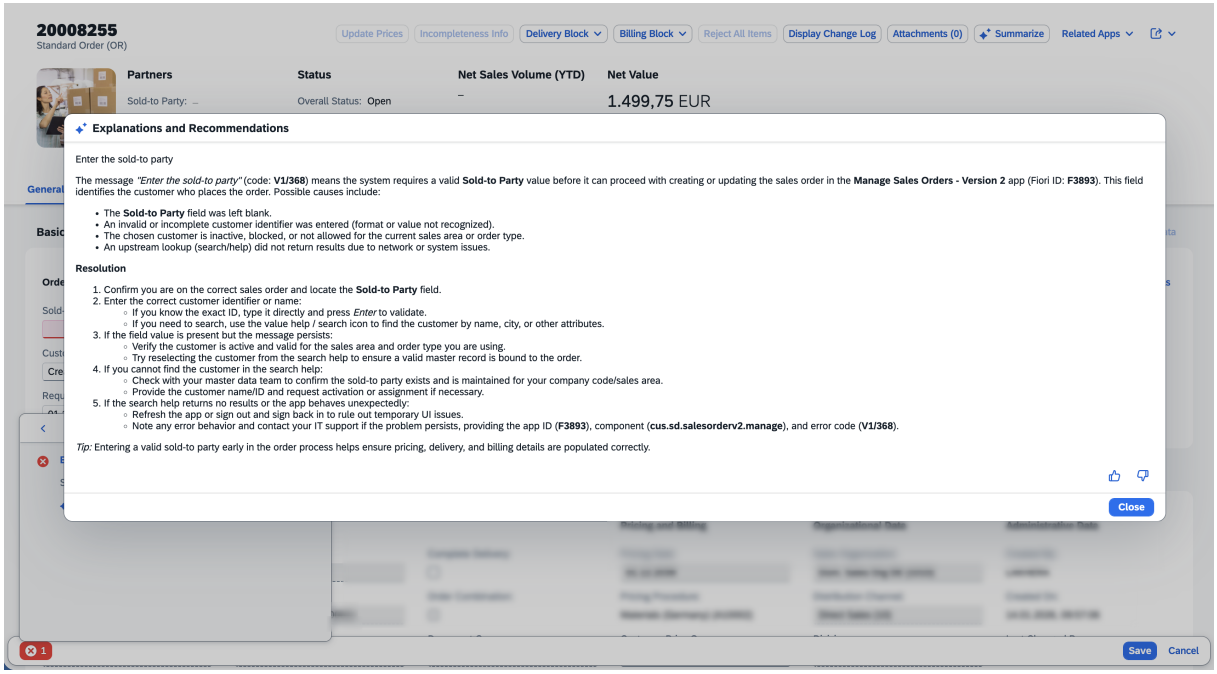
When enabled, the features are available in all SAP Fiori elements applications. For a list of applications, see SAP Fiori Apps Reference Library.

Examples of the User Interface

Here's an example of how AI-assisted error explanation looks on the user interface:



Generate Explanation



Explanations and Recommendations

Technical Details

Action	Innovation
Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`BC-SRV-APS-AI-UIS` (*Intelligent UI Services*)
Valid as Of	2025 FPS02

Related Information

Enabling AI-Assisted Error Explanation
Using AI-Assisted Error Explanation

2.7.9 AI-Assisted Smart Summarization

Business Details

The AI-assisted smart summarization helps users to understand the contents of an SAP Fiori elements-based object pages.

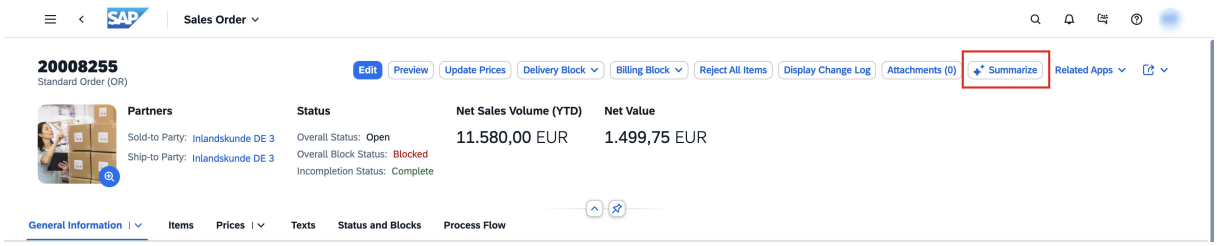
Smart summarization provides the following features:

- *Select Sections* menu: Choose the content to be included in the summary. Select at least one section. By default, all sections are selected.
- **Summary display**: Appears in a rich text editor. Edit the content and style as needed.
- *Copy All* button: Copies the content to the clipboard for pasting into emails, chats, or other documents.

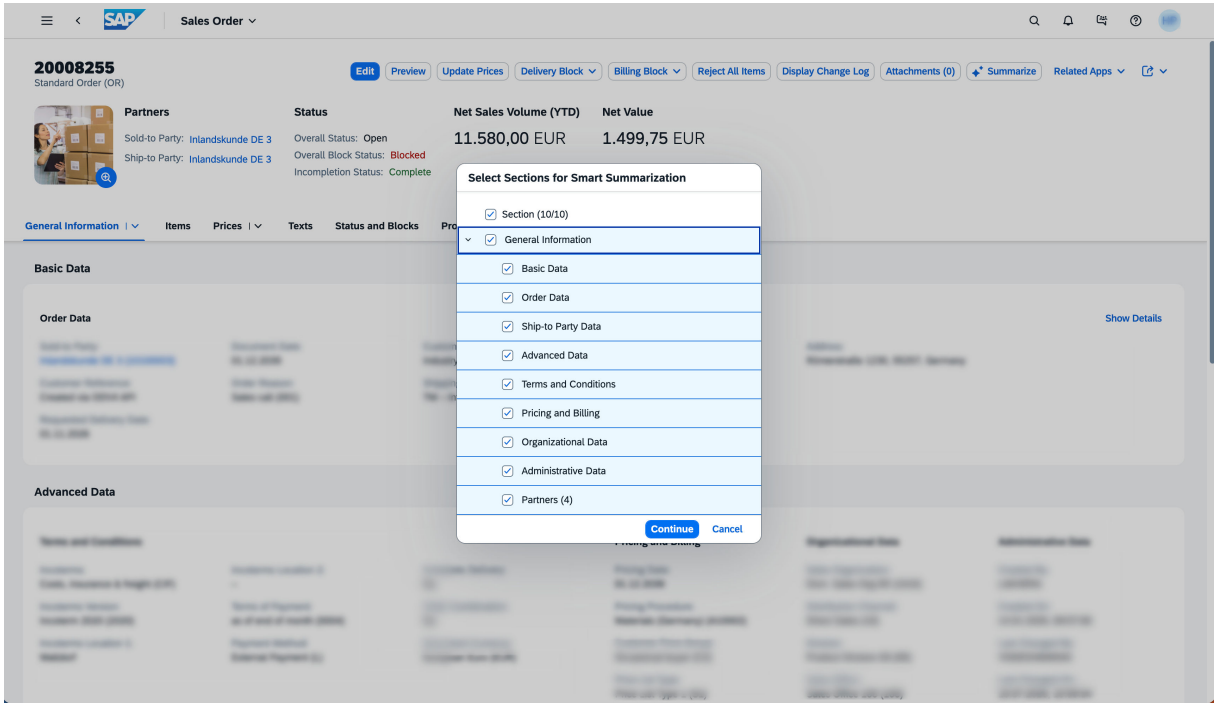
When enabled, the features are available in all SAP Fiori elements applications. For a list of applications, see SAP Fiori Apps Reference Library.

Examples of the User Interface

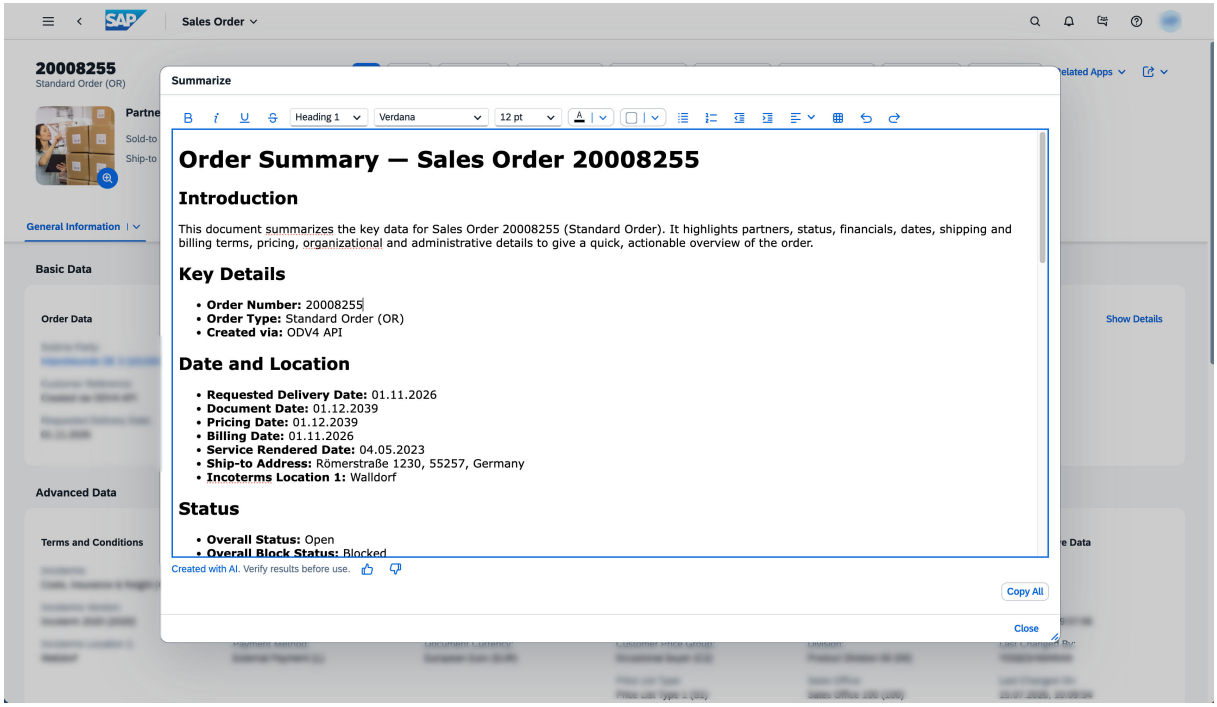
Here's an example of how AI-assisted smart summarization looks on the user interface:



Smart Summarization Button



Select Sections for Smart Summarization



Smart Summarization

Technical Details

Action	Innovation

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`BC-SRV-APS-AI-UIS` (*Intelligent UI Services*)
Valid as Of	2025 FPS02

Related Information

Enabling AI-Assisted Smart Summarization
Using AI-Assisted Smart Summarization

2.7.10 Logon Classes /UI2/CL_FIORI_LOGIN and /UI2/CL_SRA_LOGIN Deprecated

Business Details

The ABAP logon classes `/UI2/CL_FIORI_LOGIN` and `/UI2/CL_SRA_LOGIN` are deprecated and will become non-functional in an upcoming release. If either of these classes is still configured as the logon procedure for your SAP Fiori launchpad, users will no longer be able to log on.

It's required to switch to one of the following alternatives:

- logon class `/UI2/CL_FIORI3_LOGIN`
- The ICF default logon page
- A modern authentication method such as OpenID Connect.

> **Note**
>
> Refer to SAP note 2780826 and User Authentication and Single Sign-On (SSO) for further information.

Technical Details

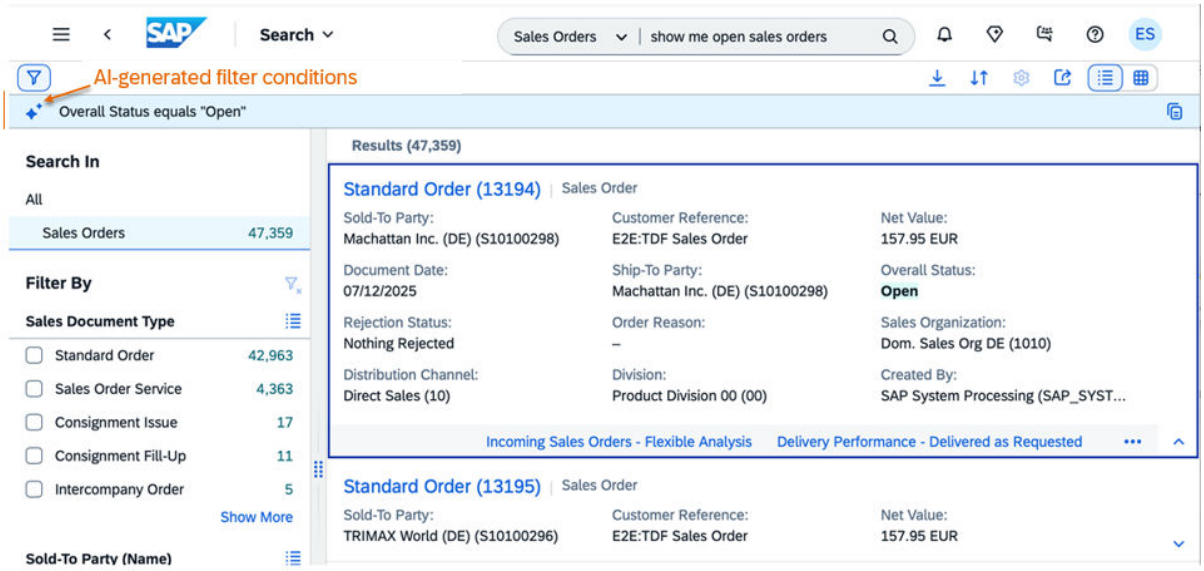
Type	Deprecated

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`MOB-UIA-LIB-AUT` (*Authentication*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

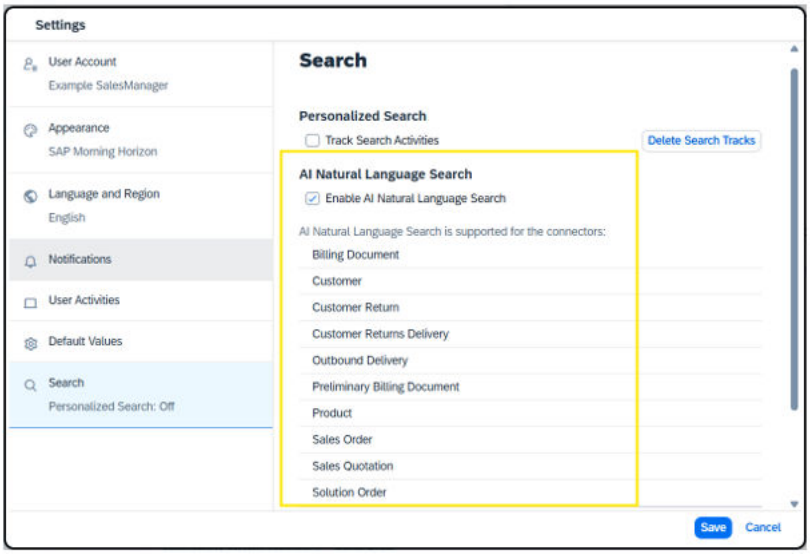
2.8 AI-assisted Enterprise Search

Business Details

You can search for business objects using natural language in the SAP Fiori launchpad search bar. Depending on your role, you see a list of business objects in the SAP Fiori launchpad search dropdown. This AI-assisted feature allows you to use natural language for searching business data. You can enter your search query in natural language on the SAP Fiori launchpad search bar, as shown in the screenshot below. The search results you see are based on AI-generated filter conditions, which you can view by selecting the AI explain button.



To enable natural language search on the business objects, you must select the checkbox *Enable AI Natural Language Search* from the user profile settings [Goto ▶ *User Profile* > *Settings* > *Search*]. On selecting the checkbox, you can view the list of business objects that are configured for natural language search.



> ### Note
>
> You can use natural language search only for the business objects that are listed under *AI Natural Language Search*.

Use of this AI-assisted feature may require additional entitlement and authorization. Please consult your SAP account executive for more information.

Implementation Details

Accessing the Feature

> ### Note
>
> Use of this AI-assisted feature may require additional entitlement and authorization. Please consult your SAP account executive for more information.
>
> Furthermore, the natural language search functionality is activated only when the user enables the check box *Enable AI Natural Language Search* from the user profile settings.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Not applicable
Application Component	`BI-EIM-ESH` (*Enterprise Search*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

AI-Assisted Enterprise Search

2.9 Currency Changeover

Business Details

A currency reform is usually necessary when a new currency is adopted in a country. Common examples are:

- Currency devaluation (Turkey 2009, Venezuela 2021)
- Introduction of the Euro in the countries of the European Monetary Union (EMU) (Croatia 2023, Bulgaria 2025)

The change of the local (company code) currency can also be based on a business decision.

In most cases, there is a period between the official introduction of the new currency and the changeover of the local currency in the SAP S/4HANA system. In this Dual Currency Phase, you close the previous fiscal year and finalize the fiscal reporting in the old currency.

At the beginning of the Dual Currency Phase, you must change the transaction currency used for new documents to the new currency. The local currency is kept unchanged until the local currency conversion is performed..

In advance of the local currency conversion, you perform the preparational steps in transaction SPRO. Navigate to *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Currency Changeover*.

> **Note**
>
> Currently, it is only possible to convert local currencies into **Euros**. The productive execution of a Local Currency conversion is restricted to DMLT consultants at the moment. For details, see 3229024.

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
Valid as Of	2025 FPS02

Related Information

Currency Changeover

2.10 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 FPS02

Related Information

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

2.11 Country/Region Specifics

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

2.12 Behavioral Insights

Business Details

The Behavioral Insights feature is enhanced with explainable AI support for the `Predicted Days to Payment` scenario. This release introduces reason codes that identify the factors influencing the predicted payment timeline. It also delivers a new ISLM model version with an enhanced feature set for improved prediction capability.

Behavioral Insights: Predicted Days to Payment Scenario

For the Predicted Days to Payment scenario, this release introduces the following enhancements:

Reason Codes for Predicted Days to Payment

Reason codes are now available for the Predicted Days to Payment scenario.

For each prediction, reason codes are identified to determine the factors influencing the predicted days to payment.

The system identifies the top influencing factors that contribute to the predicted days to payment. This enhancement provides greater transparency into the prediction results and supports explainable AI.

For more information, see Reason Codes for Predicted Days to Payment

New ISLM Model Version

A new ISLM model version `PREDICTED_DAYS_TO_PAYMENT_V04` is delivered for the Predicted Days to Payment scenario, using an enhanced feature set for improved prediction capability.

The enhanced feature set includes support for Disputes, Write Offs, Promise to Pay, and Installment Plans.

Implementation Details

In Intelligent Scenario Management, activate the intelligent scenario `Predicted Days to Payment` and model `PREDICTED_DAYS_TO_PAYMENT_V04` .

Retrain the `Predicted Days to Payment` scenario to apply the enhancements.

Technical Details

Type	New
Functional Localization	Not Applicable
Scope Item	Not Applicable
Technical Object Name	App ID: F5145
Application Component	`FI-CA-AI-BEI`(*Behavioral Insights*)
Availability	SAP S/4HANA Cloud Private Edition
valid as Of	2025 FPS02

3 Asset Management

3.1 Maintenance Management

3.1.1 OData API: Equipment

Business Details

With the OData API *Equipment* (`API_EQUIPMENT`), you can now use the function import `ReadByPartner` to get the list of equipment associated with a specific partner and partner function.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_EQUIPMENT`
Application Component	`PM-EQM-EQ` (*Equipment*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Function Imports for Equipment

3.1.2 OData API: Functional Location

Business Details

With the OData API *Functional Location* (`API_FUNCTIONALLOCATION`), you can now also:

- Create and update alternative labels for functional locations if the alternative labeling is active in Customizing.
- Use the function import `ReadByPartner` to get the list of functional locations associated with a specific partner and partner function. The function import also retrieves the alternative label and labeling system associated with each functional location.

Implementation Details

Customizing

You can check if alternative labeling is active for functional locations in Customizing for *Plant Maintenance and Customer Service* under *Master Data in Plant Maintenance and Customer Service* > *Functional Locations* > *Alternative Labeling of Functional Locations* > *Activate Alternative Labeling*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_FUNCTIONALLOCATION`
Application Component	`PM-EQM-FL` (*Functional Location*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Function Imports for Functional Location

3.1.3 OData API: Reference Designation System

Business Details

With the synchronous inbound OData API *Reference Designation System* (`API_REFDSGNTSYSTEM`), you can create, update, and read a reference designation system. The service contains header, class code, multilingual description, and long text for header and class code entities. It also enables you to change the status and add long text to reference designation system data.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_REFDSGNTSYSTEM`
Application Component	`PM-EQM-SYS` (*Asset Structures by System*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Reference Designation System

3.1.4 OData API: Industrial System

Business Details

With the synchronous inbound OData API *Industrial System* (`API_INDUSTRIALSYSTEM`), you can create, update, and read an industrial system with its entire hierarchical structure including aspect top nodes, system elements, relationships, product occurrence, product individual, product attribute, multilingual description for header, and long text for header and system element entities. It seamlessly integrates with external systems and enables you to create complex industrial systems.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_INDUSTRIALSYSTEM`
Application Component	`PM-EQM-SYS` (*Asset Structures by System*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Industrial System

3.1.5 OData API: Maintenance Plan

Business Details

You can now create, read, and update *call type 6 - Service Order with Advanced Execution* maintenance plans with the OData API *Maintenance Plan* (`API_MAINTENANCEPLAN`).

The Linear Asset Management Data `A_LinearAssetManagementData` entity has been added to OData API *Maintenance Plan* (`API_MAINTENANCEPLAN`). For more information, refer to Enhancements for Spatial Asset Management [page 105].

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7GA (Recurring Services)

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 FPS02

Related Information

Maintenance Plan

3.1.6 OData API: Maintenance Item

Business Details

You can now create, read, and update *call type 6 - Service Order with Advanced Execution* maintenance items with the OData API *Maintenance Item* (`API_MAINTENANCEITEM`).

You can now create and update linear asset management data of the maintenance item header and create, read and update linear asset management data of the items in the object list using the OData API *Maintenance Item* (`API_MAINTENANCEITEM`). For more information, refer to Enhancements for Spatial Asset Management [page 105].

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7GA (Recurring Services)
Technical Object Name	API: `API_MAINTENANCEITEM`
Application Component	`PM-PRM-MP` (*Maintenance Plans*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS02

Related Information

Maintenance Item

3.1.7 OData API: Maintenance Order

Business Details

You can now convert maintenance orders to billable maintenance orders with the OData API *Maintenance Order (Version 2)* (`API_MAINTENANCEORDER_0002`). For this purpose two new functions have been added:

- `ConvertToBillableAndCreateServiceOrder`: use this function, if you want to create a new service order.
- `ConvertToBillableAndAssignToServiceOrder`: use this function, if you want to assign an existing service order.

New operations have been added to the Linear Asset Management Data `A_LinearAssetManagementData` entity of the OData API *Maintenance Order (Version 2)* (`API_MAINTENANCEORDER_0002`). For more information, refer to Enhancements for Spatial Asset Management [page 105].

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 FPS02

3.1.8 OData API: Maintenance Execution

Business Details

With the OData API *Maintenance Execution* (`API_MAINTENANCEEXECUTION`), you can now read and manage maintenance order operations and suboperations, including pause reasons.

For phase-model relevant orders, the API returns both execution and post-execution operations and suboperations. For orders that are not phase-model relevant, the API returns operations that are in the released status.

In addition, you can read the pause reason codes assigned to a job regardless of whether the operations and suboperations belong to non-phase orders or phase-model-relevant orders, and independent of the current subphase. You can also set a pause reason code when a job is about to be paused.

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	API: `API_MAINTENANCEEXECUTION`
Application Component	`PM-WOC-JC` (*Confirmations*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Maintenance Execution

3.1.9 OData API: Task Planning Design

Business Details

With the synchronous inbound OData API *Task Planning Design* (`API_TASKPLANNINGDESIGN`), you can now do the following:

- Calculate the planned costs and check the availability of components of a task planning design without creating a maintenance order.
- Create a maintenance order based on a task planning design.
- Calculate several task planning designs in one API call using the **Parallel Processing Framework**. To do this, ensure that the role assigned to your user includes the authorization object `I_TPMDSGN` (*Task Planning Design*) with activity *ACTVT* = `93 (Calculate)`.
- Attach documents using the Harmonized Document Management (HDM) functionality.

Technical Details

Type	Changed
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 FPS02

Related Information

Harmonized Document Management (HDM)
Task Planning Management
Task Planning Design

3.1.10 OData API: Task Planning Element

Business Details

With the synchronous inbound OData API *Task Planning Element* (`API_TASKPLANNINGELEMENT`), you can now do the following:

- Compare actual and planned costs for compatible units.
- Create or change single compatible units using CSV-file upload.
- Create or change multi-level compatible units using JSON-file upload.
- Create compatible units for all material types.
- Maintain reference functional locations and reference equipment which can be used as templates for creating functional locations and equipment, respectively.
- You can upload compatible unit master data via several CSV files or JSON files in one API call by leveraging the **Parallel Processing Framework**. To do this, ensure that the role assigned to your user includes the authorization object `I_TPMTPE` (*Task Planning Element*) with activity *ACTVT* = `60 (Import)`.

Technical Details

Type	Changed
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 FPS02

Related Information

Task Planning Management
Task Planning Element

3.1.11 OData API: Construction Measure

Business Details

With the OData API *Construction Measure* (`API_CONSTRUCTIONMEASURE`), you can now attach documents using the Harmonized Document Management (HDM) functionality.

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 FPS02

Related Information

Harmonized Document Management (HDM)

3.1.12 OData API: Linear Reference Pattern

Business Details

With the synchronous inbound OData API *Linear Reference Pattern* (`API_LINEARREFERENCEPATTERN`), you can read, create, update or delete linear reference patterns.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_LINEARREFERENCEPATTERN`
Application Component	`PM-LAM` (*Linear Asset Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Linear Reference Pattern

3.1.13 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. 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 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	**Maint Notif Outp Mgmt Param Detn**	`C_MaintNotifOutputParamDetn`	New	This CDS view provides the output parameters for maintenance notifications.
CDS view	*Maint Ord Outp Mgmt Param Determination*	`C_MaintOrderOutputParamDetn`	New	This CDS view provides the output parameters for maintenance orders.
CDS view	*Maintenance Job Pack Output Parameter Determination*	`C_MaintJobPckgOutputParamDetn`	New	This CDS view provides the output parameters for work packs.

Object Type	End-User Name	Technical Name	Type	Details
CDS View	*Maintenance Notification - TP*	`I_MaintenanceNotificationTP_3`	Changed	New events are now triggered when you create a maintenance notification, set it to in process or complete it.
CDS view	*Technical Object Collective Value Help*	`D_TechnicalObjectCVH`	New	This CDS view provides collective value help for technical objects.
CDS view	*Equipment Collective Value Help*	`D_EquipmentCVH`	New	This CDS view provides collective value help for equipment.

Object Type	End-User Name	Technical Name	Type	Details
CDS view	*Functional Location Collective Value Help*	`D_FunctionalLocationCVH`	New	This CDS view provides collective value help for functional location.
CDS view	*Technical Object Hierarchy Collective VH*	`D_TechObjectWithHierarchyCVH`	New	This CDS view provides collective value help for technical objects with hierarchy template.
CDS view	*Equipment Hierarchy Collective VH*	`D_EquipmentHierarchyCVH`	New	This CDS view provides collective value help for equipment with hierarchy template.

Object Type	End-User Name	Technical Name	Type	Details
CDS view	*Functional Location Hierarchy Collective VH*	`D_FuncnlLocationHierarchyCVH`	New	This CDS view provides collective value help for functional location with hierarchy template.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	CDS View:
	`C_MaintNotifOutputParamDetn`
	`C_MaintOrderOutputParamDetn`
	`C_MaintJobPckgOutputParamDetn`
	`I_MaintenanceNotificationTP_3`
	`D_TechnicalObjectCVH`
	`D_EquipmentCVH`
	`D_FunctionalLocationCVH`
	`D_TechObjectWithHierarchyCVH`
	`D_EquipmentHierarchyCVH`
	`D_FuncnlLocationHierarchyCVH`

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

Valid as Of	2025 FPS02

3.1.14 BAdIs for Material Availability Check

Business Details

Two new Business Add-Ins (BAdIs) for material availability checks enable you to adapt how maintenance order components are selected and prioritized during an ATP run. The BAdIs modify the selection and prioritization logic applied by the *Material Availability Check for Maintenance Orders* template in the *Schedule Material Availability Check* app.

The BAdI *Order Selection for Material Availability Check* (`ASM_SELECT_ORD_MATL_AVAILY_CHK`) allows you to adapt the logic that determines which maintenance order components are included in a material availability check. For example, you can specify additional order attributes, including custom fields, as selection criteria.

The BAdI *Order Prioritization for Material Availability Check* (`ASM_SORT_ORDER_MATL_AVAILY_CHK`) allows you to adapt the logic that determines how maintenance orders are prioritized during a material availability check. For example, you can change the sequence of the predefined prioritization attributes, remove attributes, or include additional attributes.

Implementation Details

The BAdIs are available for Key User Extensibility in the *Custom Logic* app.

Technical Details

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

Technical Object Name	BAdI:
	`ASM_SELECT_ORD_MATL_AVAILY_CHK`
	`ASM_SORT_ORDER_MATL_AVAILY_CHK`

Application Component	`PM-WOC` (*Maintenance Processing*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

How to Perform an ATP Check for Stock Components

3.1.15 BAdI: Initialization of Object List Generation

Business Details

This Business Add-In (BAdI) `EAM_CHL_OBJ_GENERATION_INIT` (*Initialization of Object List Generation*) allows you to customize initialize the object list when the generation of object list starts. You can define custom rules for object list initialization, replace or enhance standard generation logic, filter technical objects, and control which items appear in the inspection checklists before standard processing begins. You can use the method INITIALIZE_OBJECTLIST to initialize object lists. To use this BAdI, you need to activate the business function LOG_EAM_CHECKLIST and the switch EAM_SFWS_CHECKLIST.

This BAdI is called immediately after the classic BAdI so, it is recommended that you deactivate the classic BAdI EAM_CL_OBJ_GENERATION.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: `EAM_CHL_OBJ_GENERATION_INIT`
Application Component	`PM-WOC-CL` (*Checklist*) `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 FPS02

3.1.16 BAdI: Modification of Generated Object List

Business Details

The Business Add-In (BAdI) `EAM_CHL_OBJ_GENERATION_CHANGE` (*Modification of Generated Object List*) allows you to modify checklist object lists after initialization. You can use this BAdI to implement custom sorting, apply filters like excluding expired equipment, or adjust object hierarchy to meet specific operational requirements in maintenance workflows. To use this BAdI, you need to activate the business function LOG_EAM_CHECKLIST and the switch EAM_SFWS_CHECKLIST. This BAdI is called right after the classic BAdI so it is recommended that you deactivate the classic BAdI EAM_CL_OBJ_GENERATION.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: `EAM_CHL_OBJ_GENERATION_CHANGE`
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 FPS02

3.1.17 BAdI: Adaptation of Usage Decision for Inspection Checklists

Business Details

The Business Add-In (BAdI) `EAM_CHL_USAGE_DECISION` (*Adaptation of Usage Decision for Inspection Checklists*) allows you to assign a usage decision code to inspection lots. The usage decision code is **applied** to all the selected inspection lots. You cannot assign multiple usage decision codes to the selected inspection lots. The changing parameter INSPECTIONLOT allows you to remove inspection lots that are not relevant to the usage decision process. The changing parameter DEFECTCLASS allows you to adjust the relevant tolerated defect classes for the usage decision process of the inspection lot. To use this BAdI, you need to activate the business function `LOG_EAM_CHECKLIST` and the switch `EAM_SFWS_CHECKLIST`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: `EAM_CHL_USAGE_DECISION`
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 FPS02

3.1.18 BAdI: Modification of Scoping Order

Business Details

The new Business Add-In (BAdI) *Modification of Scoping Order* (`BADI_ASM_MAINT_SCOPING_ORDER`) enables you to adapt scoping orders according to your business requirements. Scoping orders are used to gather additional information for planning a maintenance order. You can use the BAdI to modify the header details of scoping orders, for example, by assigning a customer-specific order type, appending additional information to the header long text, or adjusting other header information inherited from the corresponding main order.

Implementation Details

If the business function *Scoping for Maintenance Orders* (`ASM_FIELDSCOPING`) is activated in your system, the BAdI is available for Key User Extensibility in the *Custom Logic* app.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	BAdI: `BADI_ASM_MAINT_SCOPING_ORDER`
Application Component	`PM-WOC-MO` (*Maintenance Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Scoping for Maintenance Orders

3.1.19 App Extensibility: Task List

Business Details

As a key user, you can now extend the Web Dynpro apps *Create Task List* app (`W0021`), *Change Task List* app, and *Display Task List* app according to your business needs.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	App: `W0021`
Application Component	`PM-PRM-TL` (*Maintenance Task Lists*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Process Task List
App Extensibility: Display Task List
Display Task List
App Extensibility: Display Task List
App Extensibility: Create Task List
App Extensibility: Change Task List

3.1.20 App Extensibility: Isolation Management

Business Details

As a key user, you can now extend the *Manage Isolation Certificates* and *Manage Isolation Certificate Templates* apps according to your business needs. For example, you can display additional standard and custom fields on the UI, and implement custom logic to modify the standard system behavior.

The following Business Add-Ins (BAdIs) are available in the *Custom Logic* app:

- Determination of Isolation Certificate Details (`BADI_ASM_PTW_IC_DETERMINATION`)
- Assignment Changes for Isolation Certificates (`BADI_ASM_PTW_IC_ASSIGNMENT`)
- Status Changes for Isolation Certificates (`BADI_ASM_PTW_IC_PROCESSING`)
- Determination of Isolation Certificate Template Details (`BADI_ASM_PTW_ICT_DETERMINATION`)
- Assignment Changes for Isolation Certificate Templates (`BADI_ASM_PTW_ICT_ASSIGNMENT`)
- Status Changes for Isolation Certificate Templates (`BADI_ASM_PTW_ICT_PROCESSING`)

Implementation Details

Customizing

You can access the BAdIs for isolation certificates and isolation certificate templates in the *Custom Logic* app or in Customizing for *Plant Maintenance and Customer Service* under ▶ *Work Clearance Management* ▶ *Permit to Work* ▶ *Enhancements* ▶.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable

Technical Object Name	App ID:
	`F8504`
	`F8505`
	BAdI:
	`BADI_ASM_PTW_IC_DETERMINATION`
	`BADI_ASM_PTW_IC_ASSIGNMENT`
	`BADI_ASM_PTW_IC_PROCESSING`
	`BADI_ASM_PTW_ICT_DETERMINATION`
	`BADI_ASM_PTW_ICT_ASSIGNMENT`
	`BADI_ASM_PTW_ICT_PROCESSING`

Application Component	`PM-FIO-WCM` (*Fiori UI for PM Work Clearance Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Isolation Certificates
Manage Isolation Certificate Templates

3.1.21 Situation Handling in Maintenance Management

Business Details

Situation Handling now delivers the following situation templates for **Maintenance Management**:

- *Maintenance Request Changed* (`EAM_MAINT_NOTIF_SUBPHASE_CHANGED`) - This situation template allows you to create situation types that can trigger situations when a maintenance request is created or changed. From the situation instance details, you can navigate to the related app *Screen Maintenance Requests* (`F4072`) to view details of the maintenance request.
- *Reference Structure Changed* (`EAM_REFERENCE_STRUCTURE_CHANGED`) - This situation template notifies you when changes are made to the elements of a released reference structure since the previous release. The changes may include adding a new element, invalidating an existing one, or modifying its position or variant. When such changes occur, you should check and apply the same updates to the related technical object structures. You can navigate to the related app Manage Reference Structures (`F8311`) to view details of the reference structure.

Based on the situation templates, you can create situation types in the *Manage Situation Types - Extended* (`F5437` app. In a situation type, you can define the conditions and rules based on which situation instances are created to notify you when a situation occurs. Choose a situation instance to view details of the situation. You are taken to the *My Situations - Extended* app. You can choose the related app to view details of the business object.

Implementation Details

You can create situation types based on the situation templates to define when and who should receive situation instances when a situation occurs. The users who should receive the situation instances are defined in **Responsibility Management**. For more information, see App Implementation: Manage Teams and Responsibilities.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Situation Template ID:
	`EAM_MAINT_NOTIF_SUBPHASE_CHANGED`
	`EAM_REFERENCE_STRUCTURE_CHANGED`

Application Component	`PM` (*Plant Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Maintenance Request Changed
Reference Structure Changed

3.1.22 Data Archiving for Maintenance Work Packs

Business Details

With this feature, you can archive maintenance work pack objects using the archiving object `EAM_JOBPCK` using transaction SARA. No manual decoupling from other Enterprise Asset Management (EAM) objects is required prior to archiving. The archiving program performs the relevant dependency checks and archives only the work pack or job pack and its dependent data, while the referenced EAM business objects remain unchanged and are archived separately.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Archiving Object: `EAM_JOBPCK`
Application Component	`PM-WOC` (*Maintenance Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Archiving Maintenance Work Packs (PM-WOC-MO-PRI)

3.1.23 Deprecation of Find Maintenance Items App

Business Details

The *Find Maintenance Items* (`F3621`) app is deprecated and will be deleted from the SAP Fiori launchpad in an upcoming release. The deprecated app may no longer be available by default on the SAP Fiori launchpad. In this case, you can find it in the app finder until it is deleted. We recommend that you switch to the successor app as soon as possible. With the *Manage Maintenance Items* (`F5356`) successor app you benefit from state-of-the-art functionality for viewing and managing maintenance items.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	BJ2 (Preventive Maintenance) 4HI (Proactive Maintenance)

Technical Object Name	App ID:
	`F3621`
	`F5356`

Application Component	`PM-PRM-MP` (*Maintenance Plans*) `PM-FIO-PRM-MP` (*Fiori UI for PM Maintenance Plans*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Maintenance Items
Find Maintenance Items

3.1.24 Deprecation of Find Maintenance Plans App

Business Details

The *Find Maintenance Plans* (`F3622`) app is deprecated and will be deleted from the SAP Fiori launchpad in an upcoming release. The deprecated app may no longer be available by default on the SAP Fiori launchpad. In this case, you can find it in the app finder until it is deleted. We recommend that you switch to the successor app as soon as possible. With the *Manage Maintenance Plans* (`F5325`) successor app you benefit from state-of-the-art functionality for viewing and managing maintenance plans.

Technical Details

Type	Deprecated

Functional Localization	No localization
Scope Item	BJ2 (Preventive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	App ID: F3622 F5325
Application Component	PM-PRM-MP (*Maintenance Plans*) PM-FIO-PRM-MP (*Fiori UI for PM Maintenance Plans*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Maintenance Plans
Find Maintenance Plans

3.1.25 Deprecation of Manage Maintenance Planning Buckets (Old Version) App

Business Details

The *Manage Maintenance Planning Buckets (Old Version)* (F3888) app is deprecated and will be deleted from the SAP Fiori launchpad in an upcoming release. The deprecated app may no longer be available by default on the SAP Fiori launchpad. In this case, you can find it in the app finder until it is deleted. We recommend that you switch to the successor app as soon as possible.

With the *Manage Maintenance Planning Buckets (New Version)* app (F3888A), you benefit from various design and functional enhancements compared to the old version.

Implementation Details

Effects on Existing Data

Planning buckets that were created in the old app remain visible in the new app. You can display the planning bucket details, view their backlog, and edit their description. All other actions, such as viewing or changing the scope, changing the status, or rescheduling, are available only for planning buckets created in the new app.

→ Tip

When you move to the new app, you can stop the generation of operational planning buckets in the old app by setting the *Number of Buckets in Advance* in the corresponding reference planning buckets to 0.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	App ID: `F3888`
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 FPS02

Related Information

Manage Maintenance Planning Buckets - Old Version (Deprecated)
Manage Maintenance Planning Buckets (New Version)

3.1.26 Deprecation of Display Material Serial Number App

Business Details

The *Display Material Serial Number* (`F5147`) app is deprecated and will be deleted from the SAP Fiori launchpad in an upcoming release. The deprecated app may no longer be available by default on the SAP Fiori launchpad. In this case, you can find it in the app finder until it is deleted. We recommend that you switch to the successor app as soon as possible.

With the *Manage Material Serial Number* app (`F7617`), you benefit from various design and functional enhancements compared to the old version.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F5147`
Application Component	`PM-EQM-EQ` (*Equipment*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Material Serial Numbers

3.1.27 Transaction: Create Compatible Unit

Business Details

With the SAP GUI transaction `/CUM/CU01N` (*Create Compatible Unit*), you can now do the following:

- Create compatible units of all material types.
- Maintain reference functional locations and reference equipment which can be used as templates for creating functional locations and equipment, respectively.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Transaction: `/CUM/CU01N`
Application Component	`PM-WOC-MO-CUM` (*Compatible Units Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Transactions Relevant for Compatible Unit Management

3.1.28 Manage Industrial Systems App

Business Details

New features are available in the *Manage Industrial Systems* (F8656) app. For example, you can now import and export industrial system data from a spreadsheet.

The following enhancements are now available in the *Manage Industrial Systems* (F8656) app:

- You can now use the *Download Template* button to download a spreadsheet template for creating an industrial system. The spreadsheet template doesn't contain any data. Fill in the template with the required data to create the system. This button is available on the list page of the *Manage Industrial Systems* (F8656) app.
- You can now upload data from a spreadsheet to create an industrial system. The *Import From Spreadsheet* option enables you to upload a spreadsheet with the data required for creation of the industrial system. Ensure that you upload the data using the correct template.
- You can now download industrial system data to a spreadsheet. The *Export to Spreadsheet* option enables you to specify an industrial system and download its data to a spreadsheet.
- You can now assign the new aspect type *Site of Installation* in Customizing. The *Site of Installation* aspect type enables enhanced modeling of complex industrial sites and improves tracking of installations that are distinct from generic locations.
- The following enhancements are now available for industrial system categories that do not conform to a standard reference designation system:
  - The *Product Occurrence* tab is hidden on the object page for system elements.
  - On the object page for system elements, the *Product Individual* tab is now visible based on the Customizing.
- The *Manage Industrial Systems* (F8656) app now validates the hierarchy of technical objects when you assign them in the *Product Individual* tab. If there are multiple system elements, the app checks whether the hierarchy of the assigned technical objects matches the hierarchy of the system elements. You cannot assign a technical object to a system element if it conflicts with the existing hierarchy. For example, you

cannot assign a subordinate technical object to a superior system element when its subordinate system element already has a superior technical object assigned.

- For industrial system categories that conform to a standard reference designation system, the *Symbol to Separate Counter* field is now read-only and remains empty in Customizing.

Implementation Details

Customizing

To enable the visibility of the *Product Individual* tab for industrial system categories that do not conform to a standard reference designation system, select the *Assign Product Aspect* checkbox in Customizing for *Plant Maintenance and Customer Service* under *Master Data in Plant Maintenance and Customer Service* > *Industrial Systems* > *Define Industrial System Categories*.

You can configure the *Site of Installation* aspect type in Customizing for *Plant Maintenance and Customer Service* under *Master Data in Plant Maintenance and Customer Service* > *Industrial Systems* > *Maintain Aspects*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
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 FPS02

Related Information

Manage Industrial Systems

3.1.29 Manage Reference Designation Systems App

Business Details

New features are available in the *Manage Reference Designation Systems* (`F8032`) app. For example, you can now import and export reference designation system class codes from a spreadsheet.

The following enhancements are now available in the *Manage Reference Designation Systems* (`F8032`) app

- You can now upload class codes from a spreadsheet to a reference designation system. The *Import* option enables you to upload a spreadsheet with the class codes required for creation of the reference designation system. Ensure that you upload the data using the correct template. You can export an existing reference designation system's class codes to a spreadsheet and use it as a template to import reference designation system class codes.
- You can now download reference designation system class codes to a spreadsheet. The *Export* option enables you to download the class codes to a spreadsheet in the template format.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
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 FPS02

Related Information

Manage Reference Designation Systems

3.1.30 Manage Reference Structures App

Business Details

With the *Manage Reference Structures* app (`F8311`), you can now compare selected fields of a reference structure with the related technical object structure, view comparison results and logs, view the construction type, and filter and view elements that are valid on a particular date and time. By default, the filter value is set to the current date and time. You can also decide how elements should be copied from the reference structure to the technical object structure.

You can compare a single technical object structure with the reference structure or compare all technical object structures against the reference structure.

If the construction type of a reference structure is a Bill of Material (BoM), you can navigate to the *Manage Multilevel Bill Of Material* (`F5238`) app. If the construction type is not a Bill of Material, you can navigate to the product master.

Based on the notification rules, notifications will be sent to customers when the reference structure is released.

Implementation Details

Customizing

To define notification rules for a reference structure, go to SAP Customizing Implementation Guide -> *Plant Maintenance and Customer Service* > *Master Data in Plant Maintenance and Customer Service* > *Technical Objects* > *Reference Structure* > *Define Actions for Changes in Reference Structure*.

Technical Details

Type	Changed
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 FPS02

Related Information

Manage Reference Structures

3.1.31 Manage Reference Equipment App

Business Details

With the *Manage Reference Equipment* app (`F8304`), you can now compare selected fields of a reference equipment with related equipment, view comparison results and logs, decide if partner data and classification data must be copied to the equipment from the reference equipment, and internal notes can be maintained in multiple languages.

Implementation Details

Customizing

- To configure if partner data and classification data must be copied from the reference equipment to the equipment, go to SAP Customizing Implementation Guide -> *Plant Maintenance and Customer Service* > *Master Data in Plant Maintenance and Customer Service* > *Technical Objects* > *Reference Equipment* > *Define Criteria for Updating Equipment Based on Reference Equipment*.
- To define which fields and attributes of the reference functional location must be compared, go to SAP Customizing Implementation Guide -> *Plant Maintenance and Customer Service* > *Master Data in Plant Maintenance and Customer Service* > *Technical Objects* > *Reference Equipment* > *Define Comparison Criteria for Reference Equipment*.

Technical Details

Type	Changed
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 FPS02

Related Information

Manage Reference Equipment

3.1.32 Change Reference Functional Location App

Business Details

Enhancements are available for in the SAP GUI app *Change Reference Functional Location* (`IL12`). You can now compare selected fields of a reference functional location with related functional location, view comparison results and logs, and decide if classification data must be copied to the functional location from the reference functional location.

Implementation Details

Customizing

- To decide if classification data must be updated, go to SAP Customizing Implementation Guide ▶ *Plant Maintenance and Customer Service* ▶ *Master Data in Plant Maintenance and Customer Service* ▶ *Technical Objects* ▶ *Functional Locations* ▶ *Define Criteria to Update Functional Location Based on Ref Funcnl Location* ▶.
- To define which fields and attributes of the reference functional location must be compared, go to SAP Customizing Implementation Guide ▶ *Plant Maintenance and Customer Service* ▶ *Master Data in Plant Maintenance and Customer Service* ▶ *Technical Objects* ▶ *Functional Locations* ▶ *Define Comparison Criteria for Reference Functional Locations* ▶.

Technical Details

Type	Changed
Functional Localization	No localization

Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Technical Object Name	App ID: `IL12`
Application Component	`PM-EQM-FL` (*Functional Locations*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

3.1.33 Manage Maintenance Plans App

Business Details

You can now manage call object type *5 - Service Order* maintenance plans in the *Manage Maintenance Plans* app (`F5325`). Previously, this functionality was available only in WebDynpro applications. Also, we have added new filtering options for maintenance plans.

The following enhancements have been done to the *Manage Maintenance Plans* app:

- The call object type *5 - Service Order* maintenance plans are now visible on the list page. You can also filter for plan category *Service Order* to find the relevant maintenance plans faster.
- You can display the call object type *5 - Service Order* maintenance plan details on the object page. Also when pressing the *Edit* button, you are navigated to the *Change Maintenance Plans* application to edit the selected maintenance plan.
- You can create the call object type *5 - Service Order* maintenance plans using the *Create* button (you are navigated to the WebDynpro application *Create Maintenance Plans* (`WDA0281`)).

Also, you can now filter for maintenance plans by the following fields:

- Cycle Set Sequence
- Cycle Text
- Cycle Offset
- Cycle Length
- Cycle Length Unit

These filtering options allow you to see when maintenance is required for a specific asset and helps you to plan maintenance schedules accordingly.

> **Note**
>
> The filtering only works for single cycle and multi counter plans.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7GA (Recurring Services)

Technical Object Name	App ID:
	`F5325`
	`WDA0281`

Application Component	`PM-FIO-PRM-MP` (*Fiori UI for PM Maintenance Plans*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Maintenance Plans

3.1.34 Manage Maintenance Items App

Business Details

The following changes have been done to the Manage Maintenance Items app:

- The call object type *5 - Service Order* maintenance items are now visible on the list page. You can also filter for plan category *Service Order* or call object type *5 - Service Order* to find the relevant maintenance items faster.
- You can display the call object type *5 - Service Order* maintenance items details on the object page.

Also, you can now filter for maintenance plans by the following fields:

- Cycle Set Sequence
- Cycle Text
- Cycle Offset
- Cycle Length
- Cycle Length Unit

These filtering options allow you to see when maintenance is required for a specific asset and helps you to plan maintenance schedules accordingly.

> **Note**
>
> The filtering only works for single cycle and multi counter plans.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7GA (Recurring Services)
Technical Object Name	App ID: `F5356`
Application Component	`PM-FIO-PRM-MP` (*Fiori UI for PM Maintenance Plans*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Maintenance Items

3.1.35 Manage Maintenance Orders App

Business Details

The *Manage Maintenance Orders* app (`F5241`) offers several new features. For example, you can now manage attachments with Harmonized Document Management, select components and services from purchase contracts, work with special stock and additional component settings, manage relationships between order operations, or edit the long text of an order from the list view. Enhancements are also available for billable orders and work permits.

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

Managing Attachments

The attachment functionality in the app now uses Harmonized Document Management (HDM). The previous *Attachments* button has been replaced by an *Attachments* tab, which is available on the detail pages of the order header and each individual operation, suboperation, component, and lean service. On the *Attachments* tab, you can upload documents and web links, and rename, delete, preview, download, and view details of

attachments. On the order detail page, the tab also includes an *Attachments of Related Objects* table. This read-only table gives you a single place to view all documents linked to the related objects of the maintenance order, such as the reference equipment, functional location, notification, and the order's operations and components, without navigating to each object separately.

Creating and Editing Orders

- You can create or edit the long text of a maintenance order directly from the list view. For more information, see Editing Order and Operation Long Texts in List View [page 95].
- You can now maintain the address in the maintenance order header.

Managing Operation Relationships

You can now manage relationships between maintenance order operations in the new *Relationships* tab under *Resources* section. You can also navigate to the *Manage Maintenance Order Relationships* app to visualize and manage operation relationships in an interactive graphical view. For more information, see Relationships in Manage Maintenance Orders App [page 94].

Planning Components and Services

- You can now select non-stock components and lean services from a purchase contract and copy them to an order operation along with the relevant purchasing details. You can also use this option to update the purchasing details of existing components and services. The function is available on the *Components* and *Services* tabs under *Select From* > *Contract*. The existing *Add from Catalog* and *Add from Structure List* buttons have been removed from the table toolbar, and the corresponding functions are now also available in the *Select From* menu.
- In the new *Parameters* section on the stock component detail page, you can now view and maintain the following general indicators and settings for components: *Backflush*, *Movement Allowed*, *Bulk Material*, *Costing Relevance*, and *Material Provision Indicator*.
- You can now work with special stock, such as project stock, directly in the app. The *Special Stock Indicator* column is now available in the components table, together with the related *Value Flow / Quantity Flow* section on the component detail page. This section shows the *Account Assignment Category*, *Special Stock*, *Valuation*, *Consumption*, and *WBS Element* for the component.

Scoping Orders

When you create a scoping order for an order operation, the order number is now displayed in the new *Scoping Order* column in the operations table and in the header section of the operation detail page. By clicking on the order number, you can navigate directly to the scoping order. Previously, you could only view the scoping orders associated with a maintenance order in the document flow.

Billable Maintenance Orders

The following features are now available for billable maintenance orders:

- You can now convert a maintenance order to a billable maintenance order using the new *Convert to Billable Order* function.
- The new *In-House Service Objects* tab and new *In-House Service Related* indicator are now available for billable maintenance orders.
- The new *Hierarchy Settlement* tab is now available for billable maintenance orders that are part of hierarchy settlement.

For more information, refer to Functional Enhancements for Billable Maintenance Orders [page 96].

Work Permits

You can now create work permits with reference to a maintenance order or a specific order operation directly from the *Work Permits* tab in the *Resources* section. For more information, see Enhancements for Permit to Work Objects [page 103].

Collaborative Maintenance Orders

You can now collaborate with service providers on maintenance orders by sharing operations from your S/4HANA system to the SAP Business Network Asset Collaboration (SAP BNAC). On the operation that will be performed externally, the planner maintains the operation supplier—this is the prerequisite for collaboration. For more information, see Collaborative Maintenance Order [page 93]

Implementation Details

Customizing

To use the attachment functionality, make the following settings in Customizing:

- Define document types and maintain the required object links using the Customizing activity *Define DMS Document Types* in Customizing for *Cross-Application Components* under *Document Management* > *Control Data*.
- To ensure that the preview functionality works correctly, verify that the relevant workstation applications are configured accordingly in Customizing for *Cross-Application Components* under *Document Management* > *General Data* > *Define Workstation Application*.
- Activate HDM for the relevant attachment object types using the Customizing activity *Activate HDM for Attachment Object Types* in Customizing for *ABAP Platform* under *Application Server* > *Basis Services* > *Harmonized Document Management*.

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 FPS02

Related Information

Manage Maintenance Orders
Planning Components and Services Using Purchase Contracts
Working with Attachments
Scoping for Maintenance Orders

3.1.36 Manage Maintenance Order Relationships App

Business Details

With the *Manage Maintenance Order Relationships* app (F8506), you can visualize and manage relationships between maintenance order operations in an interactive graphical view. The app enables you to create, analyze, and maintain operation dependencies within and across maintenance orders, helping you better understand execution sequences and scheduling impacts. As a navigational app, it does not have its own SAP Fiori launchpad tile and is accessed from applications that provide maintenance order context.

The app is primarily accessed from the *Manage Maintenance Orders* app. It is also available from other SAP Fiori apps, such as *Find Maintenance Orders* app and *Find Maintenance Orders and Operations* app.

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: `F8506`
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 FPS02

Related Information

Manage Maintenance Order Relationships - Network Graph

3.1.37 Manage Maintenance Planning Buckets (New Version) App

Business Details

New features are available in the *Manage Maintenance Planning Buckets (New Version)* app (`F3888A`). The planning bucket scope has been enhanced so that it additionally considers the subordinate technical objects of any specified technical objects. Furthermore, you can assign orders and notifications in bulk to a maintenance event and perform an automated check to ensure that the assigned objects remain aligned with the event parameters.

- **Functional Location and Equipment Hierarchy**
  When defining the planning bucket scope, the system now also considers subordinate technical objects of functional locations and equipment specified in the planning bucket scope. As a result, orders and notifications for lower-level technical objects are automatically considered in the backlog of an operational planning bucket and can be assigned to a maintenance event. This allows you to specify higher-level objects in the scope instead of listing individual objects, improving the accuracy and completeness of the scope.
- **Mass-Assignment of Orders and Notifications**
  You can automatically assign all relevant maintenance orders and/or notifications to a maintenance event. Three automatic assignment options are available in the new *Add* dropdown menu in the *Execution Objects* section. When you choose *All Orders*, *All Notifications*, or *All Orders and Notifications*, the system identifies relevant objects based on the planning bucket scope and the time period of the maintenance event, and assigns them automatically in the background.
- **Event Relevance Check for Execution Objects**
  You can check whether assigned orders and notifications are still relevant for a maintenance event by using the *Check Event Relevance* action in the *Execution Objects* section. The system evaluates the assigned objects based on criteria such as planning bucket scope, dates, and their system status. The check can detect various issues, for example if a technical object has been deactivated, if an order or notification has been completed, or if it no longer falls within the maintenance event period. The system displays the check

results directly in the *Event Relevance* column of the *Execution Objects* table using colored icons with a popover that lists the relevant issues.

Implementation Details

Authorizations

The authorization object `I_MAINTEVT` is required to use these features.

Customizing

To enable and configure the event relevance check, you need to make settings in Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Maintenance Planning Buckets* > *Configure Event Relevance Check for Execution Objects*.

In this activity, you define:

- Which relevance issues are checked
- How the messages are displayed (as error, warning, information, or not at all)
- How the messages are sorted when multiple issues are found for the same order or notification

> **Note**
>
> Default settings are provided with the standard configuration that comes with the scope items 4HH (*Reactive Maintenance*) and 4HI (*Proactive Maintenance*).

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 FPS02

Related Information

Manage Maintenance Planning Buckets (New Version)
Checking the Event Relevance of Execution Objects
Assigning Execution Objects to a Maintenance Event

3.1.38 Perform Maintenance Jobs App

Business Details

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

The following new features are available:

- New settings are available in Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Completion Confirmations* > *Define Control Parameters for Perform Maintenance Jobs*. With these settings, you can do the following:
  - Technicians can now add or modify Production Resources/Tools (PRTs) with usage values during job processing in the *Perform Maintenance Jobs* app. The recorded PRT usage is updated in the corresponding maintenance order operation, enabling review of the actual resources used during execution.
    A cross-app navigation for the equipment and material based PRTs is also now available.
- A new *Scan Code* functionality is now available in the *Perform Maintenance Jobs* app. By scanning a QR code in the filter area, the app automatically enters the scanned values into the relevant filter fields and immediately executes the search with the relevant results. For more information, see Scan Function for Filters.
- Two new filters, *Order Role in Scoping* and *Main Order*, are now available in the *Perform Maintenance Jobs* app. You can use these filters to find maintenance jobs based on their role in the scoping process. The *Order Role in Scoping* field has also been added to the list page and to the *Job Details* section of the object page, allowing you to easily identify whether a maintenance order is a *Main Order*, *Scoping Order*, or *Order Without Scoping*. For more information, see Scoping for Maintenance Orders.
- A new field, *Usage Decision Valuation*, is now available in the *Checklist Details* section of the *Checklists* tab in the *Perform Maintenance Jobs* app. The field displays the valuation associated with the usage decision code of an inspection lot, allowing technicians to more easily understand the valuation of the inspection lot in the app.
- With the new fields available in the *All Readings* and *Latest Reading* sections of the *Measurements* tab, maintenance technicians have now more direct insights into the target values and upper and lower range. It also displays the measurement document short text and ID, allowing you to cross-navigate to the measurement document for more details.
- You can now see additional information for system statuses. By hovering over a system status, you can view its description in a popover, making it easier to understand the current status of a maintenance job.
- You can now view the code long text for the failure effect and failure mode while selecting the value help in the *Malfunction Data* tab.
- You can now use the new *Forms* tab to view and create SAP Dynamic Forms associated with a maintenance job. SAP Dynamic Forms help digitize maintenance processes by enabling the capture and management

of form-based information directly in the app. For more information, see Dynamic Forms in Maintenance Management [page 88].

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 FPS02

Related Information

Perform Maintenance Jobs

3.1.39 Manage Isolation Certificates App

Business Details

New features are now available in the *Manage Isolation Certificates* (`F8504`) app.

The following enhancements are now available for isolation certificates:

- You can now configure whether tag numbers can be shared across multiple isolation certificates, along with the rules for sharing them based on common attributes (for example, technical object and operational attributes). When printing a tag, the system uses these predefined criteria to determine whether an existing tag number can be reused or whether a new tag number must be created. You can also set rules that specify when the system should delete shared tag numbers.
- When you untag an isolation item, you may encounter a constraint that prevents you from updating the untagging condition. In such cases, you can now use the *Adjust Untagging* action to keep the

untagging condition the same as the tagging condition. This feature allows you to close the isolation certificate without updating the item's untagging condition when the item is used in more than one isolation certificate. When you select the new *Adjust Untagging* action in the header section of an isolation certificate item, the system adopts the current tagging condition as the new untagging condition.

- Two new status changes are available for isolation items in the *Change Status* dropdown menu in the item details:
  - The *Cancel Planned Tagging* action allows you to reset planned tagging steps when isolation cannot be carried out as intended. This action is available for items with the processing status *Tagging Planned*.
  - If a planned isolation item cannot be isolated, for example because it is damaged or unavailable, you can use the *Set to Inactive* action to exclude the corresponding isolation item from further processing without deleting it. This action is available up to the *Tag Printed* status. A reason for deactivation is mandatory, and the item remains visible in the isolation certificate for audit and traceability purposes, but it cannot be processed further.
- You can now select and process up to 10 isolation items simultaneously in the *Items* tab. The system supports mass processing of isolation items using the available actions and processes each selected item individually. If processing fails for a particular item, the system continues with the remaining items and records the errors in the application log.
- Additional print options are available for tags of an isolation item. You can now print all eligible tags for an isolation certificate by choosing *Print* > *Print All Tags for Certificate* from the certificate header. You can also reprint previously printed tags for multiple isolation items by using the *Print Duplicate Tag* option. The system creates corresponding output items for the printed tags and records the printing activities in the application log.

Implementation Details

Customizing

You can enable sharing of tag numbers using the *Maintain Permit to Work Profile for Planning Plant* activity in Customizing for *Plant Maintenance and Customer Service* under *Work Clearance Management* > *Permit to Work*.

You can configure rules for sharing and deletion of tag numbers in Customizing for *Plant Maintenance and Customer Service* under *Work Clearance Management* > *Permit to Work* > *Isolation Certificates* > *Define Isolation Certificate Types*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID: `F8504`
Application Component	`PM-FIO-WCM` (*Fiori UI for PM Work Clearance Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Isolation Certificates

3.1.40 Find Technical Object App

Business Details

New features are available in the *Find Technical Object* (`F2072`) app.

You can now filter technical objects using the following fields on the list page for technical objects:

- *Ship to Party*
- *Sold to Party*
- *Reference Equipment*
- *Reference Functional Location*
- *Reference Structure*

The following enhancements are now available on the object page for equipment and functional locations:

- You can now view reference object and comparison fields in the *General Information* tab of the object page for equipment and functional locations. Each reference object field displays the object as a navigable link. Selecting a link opens the relevant reference app to display the object. For example, the link in a *Reference Equipment* field opens the reference equipment object page in the *Manage Reference Equipment* app. The following read-only fields are available:
  - *Reference Equipment*
  - *Reference Equipment Compared On*
  - *Reference Equipment Comparison Result*
  - *Reference Functional Location*
  - *Reference FuncLoc Compared On*
  - *Reference FuncLoc Comparison Result*
  - *Reference Structure*
  - *Reference Structure Compared On*
  - *Reference Structure Comparison Result*

- *Reference Structure Node ID*

- You can now update reference data for equipment and functional locations using the *Copy Reference Data* button. This button retrieves data from the reference equipment or reference functional location and applies it to the corresponding technical object.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2072`
Application Component	`PM-FIO` (*Fiori User Interface (UI) for PM*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Find Technical Object

3.1.41 Table Type Changed to Grid Table in Fiori Apps

Business Details

In the *Screen Maintenance Requests* (`F4072`), *My Maintenance Requests* (`F4513`) and *Find Maintenance Notification* (`F2071`) Fiori apps that contain hundreds of items the table type has been changed from a responsive table to a grid table.

This results in the following changes:

- Users can now easily scroll through a table, even if it contains a large dataset.
- Users can compare items across different rows and columns.

> **Note**
>
> When you use *Select All* option, the first 200 entries are selected.

Technical Details

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

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

Application Component	`PM-FIO-WOC-MN` (*Fiori UI for PM Maintenance Notification*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

3.1.42 Dynamic Forms in Maintenance Management

Business Details

As a maintenance planner or a maintenance technician, you can now use SAP Dynamic Forms, an SAP Business Technology Platform application that allows you to create and update custom basic and complex forms for maintenance orders, maintenance notifications, equipment, and work permits. You can also filter objects based on whether they have associated forms, as well as by the form's name, status, and version.

These digital forms eliminate paper-based forms, simplify data capture, and reduce the risk of human error through digital forms. Additionally, you can access them online and (offline through SAP Service and Asset Manager) so, the forms can be used anytime and anywhere.

Changes to the User Interface

You will now be able to filter by forms, see a new column called *Forms* on the list page, and see a new tab called *Forms* on the object page of the following apps:

- *Manage Maintenance Notifications and Orders* (`F4604`)
- *Find Maintenance Orders and Operations* (`F2173`)
- *Find Maintenance Order* (`F2175`)
- *Find Maintenance Notification* (`F2071`)
- *Perform Maintenance Jobs* (`F5104A`)

You can add forms only in the *Perform Maintenance Jobs* app.

Implementation Details

To use this feature, the following prerequisites must be fulfilled:

- The integration between SAP S/4HANA and SAP Business Technology Platform must be available and SAP Dynamic Forms must be installed and configured. For more information, see SAP Dynamic Forms.
- Assign the authorization object to your user. For more information, see Authorization Object.
- To use this functionality, you must have activated the business function `/MERP/SDF_UI_BUS_FUNC`. For more information, see Configuration Details.

> **Note**
>
> SAP Dynamic Forms are not yet integrated into the maintenance order and maintenance notification process flows. So, there is no check for mandatory dynamic forms when there is change in the status. Hence, a maintenance order can be technically completed even if a dynamic form (with or without required flag) is incomplete.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F4604`
	`F2173`
	`F2175`
	`F2071`
	`F5104A`

Application Component	`PM` (*Plant Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Maintenance Notifications and Orders
Find Maintenance Orders
Find Maintenance Orders and Operations

Find Maintenance Notification
Perform Maintenance Jobs

3.1.43 Output Management

Business Details

You can customize the Business Rule Framework Plus (BRF+) to derive the output device and output schedule from your user settings in transaction *SU3* for maintenance notifications, maintenance orders, and work packs. Earlier, output device and output schedule could be determined only through BRF+ rules for the relevant output objects.

To enable this feature, follow these steps:

1. Configure output parameter determination (OPD)
   - Output Types: Set value “x” to enable user-based output device determination.
   - Printer Settings: Set value “y” to enable user-based dispatch (scheduling) determination.
2. In transaction *SU3*, maintain your user settings.
   - Output Device - Enter your default printer.
   - Print Now - Select the checkbox to print immediately.

   If “Print Now” is selected in *SU3*, the system treats this as the dispatch time and sends the document directly to the printer defined in the user profile. If no output device is set in the *Output Items* tab at print time, the system prompts you to enter one.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1LQ (Output Management)
Technical Object Name	App ID: `F4072`
Application Component	`PM` (*Plant Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

3.1.44 MRP/PR Indicator for Task Lists

Business Details

With the *Create Task List* app (`W0021`) and the *Change Task List* app, you can now use the MRP/PR indicator to control the relevance of the component during material requirements planning (MRP) and during the creation of a purchase requisition (PR). The MRP/PR indicator in a maintenance task list is available in the component/material (spare parts) assignment of a task list operation. It determines whether a material component assigned to a task list operation is relevant for MRP and whether a PR is generated automatically for that component when a maintenance order that references the task list is created.

When the indicator is set, the reservation created for the component is not relevant for material requirements planning, and a purchase requisition is not generated automatically. When the indicator is not set, the component reservation is considered in material requirements planning, and the system can generate procurement proposals (purchase requisitions or planned orders) based on stock levels and the MRP settings in the material master.

Changes to the User Interface

A new column *MRP/PR* is now available. Select **Not relevant to material planning** to set the indicator. If you select **No influence**, the indicator is not set.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4HI (Proactive Maintenance)
Technical Object Name	App ID: `W0021`
Application Component	`PM-PRM-TL` (*Maintenance Task Lists*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Process Task List

3.1.45 Maintenance Request Apps

Business Details

The following enhancements have been made in the *Screen Maintenance Requests* app (`F4072`) , *Create Maintenance Request* app (`F1511A`) and *My Maintenance Requests* app (`F4513`).

- You can now view the long text for catalog codes during the selection of failure mode and failure effect. For this purpose, the new *Code Long Text* column has been added
- The field *Technical Object* now uses the value help `D_TechnicalObjectCVH`. You can now search for a technical object by technical object data, maintenance data, sales or administrative data, and address data. This helps you find a technical object using various search criteria and fuzzy search for partial matches.

Technical Details

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

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

Application Component	`PM-FIO-WOC-MN` (*Fiori UI for PM Maintenance Notifications*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Failure Data
Create Maintenance Request
Screen Maintenance Requests
My Maintenance Requests

3.1.46 Collaborative Maintenance Order

Business Details

You can now view the details of a collaborative maintenance order in the *Manage Maintenance Orders* app (`F5241`) app. Collaborative maintenance orders allow you to collaborate with service providers on maintenance orders between SAP S/4HANA Cloud Private Edition and SAP Business Network Asset Collaboration (BNAC) if automatic sharing is enabled in BNAC.

A maintenance planner detects an issue (for example, a broken pump) and creates a maintenance notification, then creates and plans a maintenance order in the *Manage Maintenance Orders* app (`F5241`) with the relevant operations. On the operation that will be performed externally, the planner maintains the operation supplier —this is the prerequisite for collaboration. Based on your synchronization settings, the maintenance order is synchronized to the BNAC, where the order and its operations are shown. From there, you can share the operation with the service provider either automatically (if automatic sharing is configured for operations with an assigned supplier). Collaboration status and lifecycle are then tracked in BNAC, enabling both parties to work on the order with visibility into what's shared and its current state.

Implementation

To use this feature, the following prerequisites are required:

- Integration between and BNAC must be available. For more information, see Integration.
- Set up the collaboration status of an operation. For more information, see Setting the Collaboration Status of an Operation.
- Synchronization fields must be available. For more information, see Synchronization Objects.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
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 FPS02

Related Information

Manage Maintenance Orders

3.1.47 Relationships in Manage Maintenance Orders App

Business Details

You can now create, generate, and manage relationships between maintenance order operations directly in the *Manage Maintenance Orders* app. The new *Relationships* tab under the *Resources* section provides a tabular view to manually maintain relationships or use *Generate Relationships* button to create default Start-Finish relationships.

The *Network Graph* button available in the *Relationships* tab opens the *Manage Maintenance Order Relationships* app (F8506) to visualize and manage relationships in an interactive graphical view. In addition, the app provides a detailed view of the selected operation relationship, displaying additional information about the relationship. This makes it easier to review and manage operation dependencies within and across maintenance orders.

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:
	`F5241`
	`F8506`

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 FPS02

Related Information

Managing Operation Relationships
Manage Maintenance Order Relationships App [page 80]

3.1.48 Editing Order and Operation Long Texts in List View

Business Details

With this feature, you can create or edit the long text of a maintenance order directly from the list view of the *Manage Maintenance Orders* app or the *Find Maintenance Orders* app. In the *Find Maintenance Orders and Operations* app, the feature is available for operation long texts.

Previously, creating or editing the long text of a maintenance order or order operation required opening the order. With this feature, you can do this directly from the order list in a popup, reducing navigation effort for this task.

To use this feature, add the *Long Text* column to the list view using the table settings. The button in this column opens a popup, where you can create or edit the relevant order or operation long text.

> **Note**
>
> Long text is always displayed in the language in which it is created, regardless of a user's logon language.

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:
	`F5241`
	`F2175`
	`F2173`

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 FPS02

Related Information

Manage Maintenance Orders
Find Maintenance Orders
Find Maintenance Orders and Operations

3.1.49 Functional Enhancements for Billable Maintenance Orders

Business Details

We have provided new capabilities for billable maintenance orders, including converting released standard maintenance orders to billable orders, new display capabilities for in-house service objects and hierarchy settlement information.

The following functional enhancements for billable maintenance orders are available:

- You can convert maintenance orders, which are already released, to billable maintenance orders. Previously, you could only convert maintenance orders in *Created* status. For more information, refer to Retroactive Billable Maintenance [page 527].
- In the *Manage Maintenance Orders* (`F5241`) app, you can now convert maintenance order to a billable maintenance order using the new function *Convert to Billable Order*. The conversion process supports two scenarios:
  - Create a new service order: leave the service order field empty, the system creates a new service order based on the billing details you enter.
  - Link an existing service order: enter a service order number, the system creates a new service item in the existing service order.
- When converting a maintenance order with notifications at the header or in the object list into a billable maintenance order, those notifications are assigned to the corresponding execution order item. For more information, refer to Assign Maintenance Notification to Execution Order Item [page 98].
- The following is now available for billable maintenance orders in SAP GUI transactions IW32 and IW33 and the *Manage Maintenance Orders* app:
  - The new *In-House Service Objects* tab with the table that lists the in-house service objects . If you click on the object, you are navigated to the *Manage In-House Service Objects* app.
  - The new *In-House Service Related* indicator has been added to the *Notifications and Objects* tab of the *Manage Maintenance Orders* (`F5241`) app and the *Objects* tab in SAP GUI.
- For billable maintenance orders that are part of hierarchy settlement, hierarchy settlement information is now available in SAP GUI transactions `IW32` and `IW33`, and in the *Manage Maintenance Orders* (`F5241`) app.

In SAP GUI, the new *Hierarchy Settlement* tab contains the following fields:

- *Settlement Status*: indicates the current state of the settlement for the costs originating from the billable maintenance order (for example, *Not Settled*, *Settled*, *Partially Settled*).
- *Settlement Receiver*: displays the ID of the root object to which the costs were settled. If you click the ID, you are taken to the *Display Service Settlement Hierarchy* app.

In the *Manage Maintenance Orders* (`F5241`) app, the hierarchy settlement status and settlement receiver are visible in the *Billable Maintenance Details* section.

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`
	`F7695`
	`F9144`
	`IW32`
	`IW33`

Application Component	`PM-WOC-MO-BIL` (*Billable Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

In-House Services Displayed in Billable Maintenance Orders [page 544]
Manage Maintenance Orders App [page 77]

3.1.50 Assign Maintenance Notification to Execution Order Item

Business Details

With this feature, you can assign maintenance notifications to the execution order items. We enabled this assignment to deliver a unified, future-proof Asset Management process that keeps rich notification capabilities (codes/catalogs, task/activity documentation, root-cause analysis and planning analytics) tightly integrated with work execution. From this release onwards, you cannot assign a service notification to a billable maintenance order and you should use the service-relevant maintenance notification instead.

When a maintenance notification is linked to an execution order item, it becomes a service-relevant maintenance notification, appears in the related service order, and is automatically transferred to a billable maintenance order created from that item. When converting a maintenance order with notifications at the header or in the object list into a billable maintenance order, those notifications are assigned to the corresponding execution order item.

Ones you have assigned a maintenance notification to an execution order item, you will see the new *Service* tab in the notification transactions `IW22` and `IW23`. The *Service* tab has the following fields:

- Service Transaction ID
- Service Transaction Item

> **Note**
>
> For the *Service* tab to be visible, you have to activate the *Service (10\TAB28)* tab page in Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Maintenance and Service Notifications* > *Notification Creation* > *Notification Types* > *Set Screen Templates for the Notification Type* >.

For more information, refer to Maintenance Notification in Service with Advanced Execution [page 525].

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:
	`IW22`
	`IW23`
	`IW32`
	`IW33`
	`F5241`

Application Component	`PM-WOC-MN` (*Maintenance Notifications*) `PM-WOC-MO-BIL` (*Billable Maintenance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

3.1.51 Enhancements for Checklists

Business Details

We have provided a number of enhancements for checklists, such as new field, filter and columns in the Fiori apps, new Customizing activity and inspection checklists for maintenance notifications.

The following functional enhancements for checklists are available:

- The following features for processing inspection checklists are now also available in the relevant SAP Fiori apps:
  - You can now initiate the creation of checklists for material components in the *Manage Maintenance Orders* app. For this purpose, the *Checklist Indicator* field has been added to the *Components* table. Also, the *Checklist Indicator* is now displayed on the *Material* tab in the *Find Maintenance Orders and Operations* app.
  - You can now generate checklists for serialized materials in the *Manage Maintenance Orders* app. For this purpose, the *Collective Checklist* checkbox has been added to the *Notifications and Objects* table. Also, the *Collective Checklist* is now displayed on the *Object List* tab in the *Perform Maintenance Jobs* app.
  - The new *Inspection Lot Material* filter, that filters for the operations with inspection lots assigned with the selected material, has been added to the *Checklist* filter group. The filter also has a value help for materials.
  - The following columns have been added to the *Checklists* tab of the *Manage Maintenance Orders*, *Find Maintenance Orders and Operations* and *Perform Maintenance Jobs* apps:
    - *Reservation Item*
    - *Reservation*
    - *Inspection Lot Quantity*
    - *Inspection Lot Material*
    - *Component Item*

- *Object List Sort Field*
- *Number of Serial Numbers*

- You can now generate inspection checklists for maintenance notifications. For more information, refer to Inspection Checklists for Maintenance Notifications [page 101].

Implementation Details

Customizing

The new Customizing activity *Define Authorization Groups*, which allows you to allocate checklist types to authorization groups, has been added to Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Inspection Checklist Process*.

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`
	`F2173`
	`F5104A`
	Customizing Activity:
	Define Authorization Groups

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 FPS02

Related Information

Inspection Checklists

3.1.52 Inspection Checklists for Maintenance Notifications

Business Details

You can now create inspection checklists for maintenance notifications. This feature enables quality inspections for technical objects directly within the maintenance notification process.

You can now do the following:

- Conduct quality inspections for technical objects in maintenance notifications on the basis of inspection lots. You can configure inspection checklists for combinations of maintenance notification types and planning plants. For each combination, you can control, for example, weather to consider the technical object and its subobjects during checklist generation and how inspection results are processed within the notification.

  > **Note**
  >
  > The inspection plan determination logic is the same as in inspection checklists for maintenance orders.

- On the new *Checklists* tab available in the notification transactions `IW21`, `IW22`, `IW23`, you can do the following:
  - When you create or change a notification, you can define checklist types on the *Checklist Type* sub-tab.
  - View all generated checklists, their inspection lot numbers, and technical objects on the *Generated Checklists* sub-tab. You can also generate checklists manually on this sub tab, using the *Generate* button.
- In transaction `IW91` (*Checklists: Result Overview*) on the new *Notification* tab, you can now filter inspection checklists by notification criteria and display the results in a list format.
  Also, the following new columns are available on inspection characteristics and inspection lot levels:
  - The *Notification with Checklists* column that shows the number of the notification that triggered the inspection lot creation.
  - The *Follow-on Notification* column that shows number of the follow-on notification created as a follow-up action at a usage decision step. If you click on the notification number, you are navigated to the `IW23` transaction.

Implementation Details

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

- The business function `LOG_EAM_CHECKLIST` is active.
- You have made the required configuration in the new Customizing activity *Configure Checklists for Maintenance Notification Types and Planning Plants* in Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Inspection Checklist Process*.

Customizing

The new Customizing activity *Configure Checklists for Maintenance Notification Types and Planning Plants* has been added to the Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Inspection Checklist Process*. Using this activity, you can configure inspection checklists for combinations of maintenance notification types and planning plants. You can determine inspection types and control technical settings such as:

- Automatic checklist generation
- Technical object determination
- Usage decision at notification completion
- Follow-on notification creation

For the *Checklists* tab to be visible, you have to activate the *Checklists (10\TAB27)* tab page in Customizing for *Plant Maintenance and Customer Service* under *Maintenance and Service Processing* > *Maintenance and Service Notifications* > *Notification Creation* > *Notification Types* > *Set Screen Templates for the Notification Type*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`IW91`
	`IW21`
	`IW22`
	`IW23`
	Customizing Activity:
	Configure Checklists for Maintenance Notification Types and Planning Plants

Application Component	`PM-WOC-CL` (*Checklists*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Overview of the Inspection Checklist Process
Generating Inspection Checklists

3.1.53 Enhancements for Permit to Work Objects

Business Details

New features are available for Permit to Work objects. For example, you can now create a work permit with reference to a specific maintenance order operation, view process restrictions in approval sections, configure which source takes precedence when data is copied to the work permit, and copy comments from a work permit template to a new work permit.

The following enhancements are now available for Permit to Work objects:

- When creating a work permit that references a maintenance order together with a permit or a template, you can now configure which source takes precedence when data is copied to the work permit. Based on the configuration, the data is copied as follows:
  - If the maintenance order takes precedence, general information is copied from the maintenance order, while additional details are copied from the reference document.
  - If you select both a maintenance order and an operation, the operation takes precedence. The general information is copied from the operation (or from the order if details are unavailable in the operation), and technical object details are copied from the technical object.
  - If the reference document takes precedence, both general and additional information are copied from the reference document (or from the maintenance order if the reference document is unavailable). The order number from the maintenance order is updated in the *Assigned Orders* section.

  The choice of the reference document is independent of the Customizing setting. For example, you can select a template as the reference document during work permit creation, even if the Customizing option is set to use a permit.
  These changes are applicable when you create work permits in the *Create Work Permit Request* app (`F4691`) and the *Work Permits* app (`F6579`).
- When creating a work permit with reference to a maintenance order, you can now also select a specific order operation as a reference. In that case, the system copies the operation's description, technical object, work center, and dates as default values to the work permit. You can trigger the work permit creation directly from the *Work Permits* tab in the *Manage Maintenance Orders* app `F5241`) by selecting the operation in the *By Operation* filter before choosing *Create Work Permit*. You can also select the operation in the creation dialog of the *Create Work Permit Request* app (`F4691`) or the *Manage Work Permits* app (`F6579`).
- You can now maintain comments for safety precautions in safety certificate templates and for safety precautions and personal protective equipment in work permit templates. When you create a safety certificate or work permit from a template, the comments are copied to the new object.
- A new *Process Approval Restriction* field is available in the approval sections of safety certificates, isolation certificates, and assigned certificates in work permits. If the approval is process relevant, process restrictions are configured for approval types in Customizing. For example, the process restriction options in Customizing can restrict actions such as printing of work permits or hand-out of work permits for an

approval type. The new *Process Approval Restriction* field displays the process restriction option configured for the approval type and is available in read-only mode.

Implementation Details

Customizing

To enable the selection of a reference operation when creating a work permit, select the *Allow Operation Assignment to Work Permit* checkbox for the relevant planning plant in Customizing for *Plant Maintenance and Customer Service* under *Work Clearance Management* > *Permit to Work* > *Maintain Permit to Work Profile for Planning Plant*.

The references and the order in which the data is copied from a maintenance order and a reference is configured in the *Create Permit With* field in Customizing for *Plant Maintenance and Customer Service* under *Work Clearance Management* > *Permit to Work* > *Maintain Permit to Work Profile for Planning Plant*.

The process restrictions for approval types are configured in the *Action Block* field in Customizing for *Plant Maintenance and Customer Service* under *Work Clearance Management* > *Permit to Work* > *Safety Certificates* > *Assign Approval Types*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F6579`
	`F4691`
	`F5241`

Application Component	`PM-FIO-WCM` (*Fiori UI for PM Work Clearance Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Creating with Reference to Maintenance Order and Operation

3.1.54 Enhancements for Spatial Asset Management

Business Details

We have introduced several enhancements for spatial asset management, including the create and update operations for the Linear Asset Management Data A_LinearAssetManagementData entity, new Linear Asset Segment Characteristic A_LinAstSegmentCharacteristic entity, and a new function import. Also, the geometry data of the notification is now archived together with the notification.

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

- *Maintenance Plan* (`API_MAINTENANCEPLAN`)
- *Maintenance Order Operation Confirmation* (`API_MAINTORDERCONFIRMATION`)
- *Maintenance Task List* (`API_MAINTENANCETASKLIST`)

You can now create, read and update linear asset management data using the OData APIs mentioned above.

New operation for reading, creating and updating linear asset management data have been added to the following OData APIs:

- *Equipment* (`API_EQUIPMENT`), *Functional Location* (`API_FUNCTIONALLOCATION`), *Measuring Point* (`API_MEASURINGPOINT`), *Measurement Document* (`API_MEASUREMENTDOCUMENT`): create and update linear asset management data
- *Maintenance Item* (`API_MAINTENANCEITEM`) and OData API *Maintenance Plan* (`API_MAINTENANCEPLAN`): header (create, update) and object list items (create, read, update)
- *Maintenance Notification* (`API_MAINTNOTIFICATION`): header (create, update) and notification item (create, read, update)
- *Maintenance Order (Version 2)* (`API_MAINTENANCEORDER_0002`): header (create, update), operation (create, read, update), and object list item (create, read, update)

> **Note**
>
> You cannot create linear asset management data for already existing technical object.

The new Linear Asset Segment Characteristic `A_LinAstSegmentCharacteristic` entity that allows you to create, read, update and delete characteristics with linear data has been added to the OData API *Equipment* (`API_EQUIPMENT`) and OData API *Functional Location* (`API_FUNCTIONALLOCATION`).

A new function import has been added, using which you can get the dynamic segment of the:

- Functional location, with the OData API *Functional Location* (`API_FUNCTIONALLOCATION`)
- Equipment, with the OData API *Equipment* (`API_EQUIPMENT`)

Technical Details

Type	Changed

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_MAINTENANCEPLAN`
	`API_MAINTENANCEORDER_0002`
	`API_MAINTENANCETASKLIST`
	`API_MAINTORDERCONFIRMATION`

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*) `PM-PRM-TL` (*Maintenance Task Lists*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

3.1.55 SAP Geo Framework: Migrate the Geometry Data

Business Details

You can now transfer the geometry data from HANA tables to ABAP DDIC tables, allowing a smooth transition to the new, more efficient database technology without losing your current geometries or disrupting business processes. Previously you could create new DDIC table sets, but could not migrate already existing HANA tables.

When you migrate data, follow the SAP best practice, store only one type of Business Object ID in each database table. (The system stores this ID in the `GEF_OBJTYPE` field within geometry tables.) Configure your

tables at either the Business Object level or the Geo Object level using the Framework Customizing activity (transaction `GEF_FRW_CONFIG`).

This separation improves performance and makes your system easier to maintain.

Implementation Details

You can find information on how to transfer the geometry data in SAP Note 3736113.

Technical Details

Type	New
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 FPS02

3.1.56 SAP Geo Framework: Control Domain Values

Business Details

The new *Domain Values* checkbox has been added to the *Fields* section of the Customizing activity *Configure the Framework* under *Cross-Application Components* > *Processes and Tools for Enterprise Applications* > *Geographical Enablement Framework*. The new checkbox controls whether a list of allowed values will be displayed when a field has value help associated with it. This gives you field-level control over the inclusion of domain values. Using the *Domain Values* checkbox, you can display the description of a value instead of the actual value. This can remove the need to include matching text fields for important value fields.

> **Note**
>
> Prior to this upgrade, the default behavior for business layer fields was to add domain values for any field that had a suitable search help. After the upgrade, the default setting changed to not create domain values (empty checkbox). To reset the upgraded system to the old default behavior, run report `GEF_DEFAULT_DOMAIN_INDICATOR` to mass select the *Domain Values* checkbox. The report may also be

used for individual business layers to assist in fine tuning the desired behavior. Use this report with caution, as it overwrites existing settings.

> **Note**
>
> This feature is available as of:
>
> - SAP S/4HANA Cloud Private Edition 2025 FPS2 and SAP S/4HANA 2025 FPS2
> - SAP S/4HANA Cloud Private Edition 2023 SP04 and SAP S/4HANA 2023 SP06
> - SAP S/4HANA Cloud Private Edition 2022 SP08 and SAP S/4HANA 2022 SP08

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 FPS02

Related Information

Geographical Enablement Framework

3.1.57 Internal Refurbishment and Repair of Components (85R)

Business Details

This scope item supports the internal refurbishment and repair of defective spare parts. Instead of replacing high-value components, companies repair them internally and return them to stock for reuse. A refurbishment order is created to plan repair activities and track costs. The defective component is withdrawn, repaired, and returned to stock, with refurbishment costs reflected in the material's valuation.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	85R (Internal Refurbishment and Repair of Components)
Technical Object Name	Not applicable
Application Component	`SV-CLD-PC` (*SV-CLD-PC Product Content (PC)*) `PM-WOC-RO` (*Refurbishment Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

3.1.58 External Refurbishment and Repair of Components (85U)

Business Details

This scope item supports the external refurbishment and repair of defective spare parts by specialized vendors. Instead of replacing high-value components, companies send them to external service providers for repair and return them to stock for reuse. A refurbishment order is created to track repair activities and costs. The component is withdrawn, sent to a vendor via a subcontracting purchase order, and returned to stock after repair, with costs reflected in the material's valuation.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	85U (External Refurbishment and Repair of Components)
Technical Object Name	Not applicable
Application Component	`SV-CLD-PC` (*SV-CLD-PC Product Content (PC)*) `PM-WOC-RO` (*Refurbishment Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

3.2 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 Business Insights (Quick Actions)

Business Details

Quick actions combine drilldown and filter actions with Artificial Intelligence (AI) prompts. They automate navigation and provide users with explanations of the data. Quick actions answer predefined business questions and offer detailed information to business users.

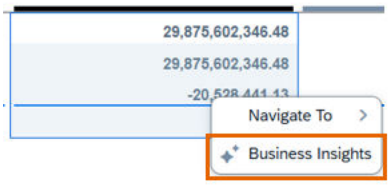
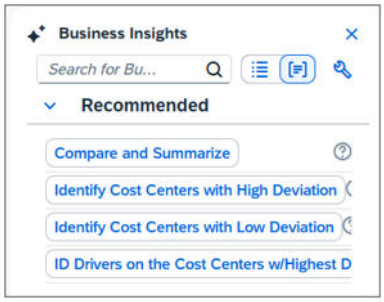
For more information, see AI-Assisted Financial Business Insights. To access the quick actions, open the side panel and choose *Business Insights*.

Here's how you can use the feature:

1. Select the part of the table that you want to use a quick action on.
2. In the context menu, choose *Business Insights*.
3. On the *Business Insights* panel, choose *Recommended* and select the desired quick action.

> ⚠ Caution
>
> The data shown in tables or charts is provided to a large language model; therefore, you must **not** include personal data in your drilldown.

Here's how this looks like in the system:

Business Insights in the Side Panel	Business Insights in the Context Menu	Quick Actions
		

The following video provides an overview of AI-Assisted Business Insights:

Implementation Details

Authorizations

To access the *Business Insights* side panel including quick actions, your business user needs to have the following authorizations assigned in the business role by an administrator:

- Business catalog: *Analytics - Review Booklet Business Insights* (`SAP_BW_BC_RVB_ABI`)

Technical Details

Action	Action/Review Required
Type	Changed
Functional Localization	No localization

Scope Item	N/A
Technical Object Name	N/A
Application Component	CA-GTF-RB (*Review Booklet*)
Valid as Of	2025 FPS02

4.1.1.2 Manage Settlement Rules – Maintenance Orders

Business Details

With this app, you can view and edit settlement rules for maintenance orders.

You can use this app to:

- View settlement rules that are defined for existing maintenance orders.
- Display distribution rules associated with a specific settlement rule.
- Edit settlement rules and the respective distribution rules.
- Create and manage distribution rules for maintenance orders.
- Edit settlement parameters for the sender object associated with a specific settlement rule.

> **Note**
>
> This app can display only settlement rules defined for actual settlement. Planned settlement is not supported.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID:F9849
Application Component	CO-OM (*Overhead Cost Controlling*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Settlement Rules – Maintenance Orders

4.1.1.3 OData API: Maintenance of Settlement Rules for Projects

Business Details

With the OData API *Maintenance of Settlement Rules for Projects* (`ProjectSettlementRule`) you can now enable external systems to create, update, delete, and retrieve settlement rules for WBS elements.

The API supports maintenance of settlement rules, allowing multiple settlement rules to be created or updated in a single operation. This facilitates efficient bulk processing, seamless integration with external applications, and reduces manual effort while ensuring consistency across project settlement data.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `ProjectSettlementRule`
Application Component	CO-OM (*Overhead Cost Controlling*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Settlement Rules

4.1.1.4 Universal Allocation

Business Details

Support for Reversals in an Alternative Posting Period:

You can now reverse allocations in an alternative posting period. The reversal documents can be posted to a later fiscal year and period instead of the original fiscal year and period, providing greater flexibility in period-end processing and financial corrections.

Current supported allocation scenarios:

Allocation Context	Allocation Type	Actual / Plan
Margin Analysis	Overhead Allocation, Distribution	Actual

> **Note**
>
> Currently this feature is not supported in the universal allocation related job templates, nor in the Reverse Period functionality in the Cycle View of the Allocation Results app.

Please refer to SAP note 3732953 for details.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	NA
Technical Object Name	App ID: F4363 F3548
Application Component	FI-UA (*Reversal in Universal Allocation*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Allocation Run Types

4.1.2 Product Cost Controlling (CO-PC)

4.1.2.1 Multi-Currency FIFO Valuation in Balance Sheet Valuation

Business Details

This feature provides a new approach to single receipt FIFO (First In, First Out) valuation, allowing you to compute FIFO prices in multiple currencies for legal valuation. This enhancement provides more accurate inventory valuation for organizations operating in multiple currencies and improves compliance with international accounting standards.

This functionality uses two execution steps: *Multi-Currency FIFO Document Extract* (transaction code `MRF3N`) and *Multi-Currency FIFO Valuation* (transaction code `MRF1N`).

Multi-Currency FIFO Document Extract (transaction code `MRF3N`) is the first step in the two-step Multi-Currency FIFO Valuation process. It reads all FIFO-relevant inventory movement documents from the Material Ledger (`MLDOC`) for a given company code, ledger, and FIFO profile, and stores them in the extract table `FBVT_FIFOEXTRACT`.

Multi-Currency FIFO Valuation (transaction code `MRF1N`) is the second and final step of the Multi-Currency FIFO Valuation process. It reads the previously extracted FIFO receipt data from `FBVT_FIFOEXTRACT`, applies the FIFO algorithm to calculate inventory prices per material and currency, and optionally posts the results to valuation alternatives (`CKMLPR_EB`) and the balance sheet valuation result table (`FBV_RESULT`).

Previously, FIFO valuation was limited to single-currency scenarios or multiple currencies with only monthly receipt FIFO.

> **Note**
>
> This feature is available for both Universal Parallel Accounting On and Universal Parallel Accounting Off systems.

> **Note**
>
> To make this feature available in SAP S/4HANA Cloud Private Edition 2025 and 2025 FPS01, implement the SAP Note 3753501.

Implementation Details

To use multi-currency FIFO valuation in Balance Sheet Valuation, ensure that:

- Actual Costing is enabled
- Multiple currencies are defined and maintained in your organizational structure
- Material master data includes the relevant currency settings for FIFO valuation

Customizing

To enable multi-currency FIFO valuation, you need to configure the following settings in Customizing for Balance Sheet Valuation Procedures under *Materials Management* > *Valuation and Account Assignment* > *Balance Sheet Valuation Procedures* > *Multi-Currency FIFO*:

- *Configure Profiles for Multi-Currency FIFO*
  Use this new Customizing activity (transaction code `FIFO_PROFILE`) to create the FIFO profile with all required details. The FIFO profile configuration includes:
  - One valuation alternative (valuation alternative for Multi-Currency FIFO mapped against Multi-Currency FIFO Procedure ID that you maintained in the Customizing activity *Set Up Valuation Alternatives* (`OMWEB`))
  - One legal valuation ledger
  - Multiple currencies for legal valuation
  - Special stock indicators to control whether special stocks should be considered
  - Quantity comparison parameter to define the period or fiscal year for FIFO price computation
  - Alternate value and FIFO price selection options for tolerance processing during the FIFO valuation run
- *Configure Movement Types for Multi-Currency FIFO*
  Use this new Customizing activity (transaction code `FIFO_MVT_CUST`) to configure which combinations of movement types are relevant to Multi-Currency FIFO. You can copy from existing FIFO movement type configuration data (transaction code `OMW4`) to streamline this process. Select the movement types and other available options that are Multi-Currency FIFO relevant.

You must complete both configuration activities before you execute *Multi-Currency FIFO Document Extract* (transaction code `MRF3N`) and *Multi-Currency FIFO Valuation* (transaction code `MRF1N`).

Effects on Existing Data

The system stores Multi-Currency FIFO valuation results with a new valuation alternative created against the Multi-Currency FIFO valuation procedure ID. Your existing FIFO valuation data remains unchanged. You can run Multi-Currency FIFO valuations in parallel without affecting results from the existing FIFO valuation application.

Consider the following when implementing multi-currency FIFO valuation:

- Plan your currency strategy before activating the feature to avoid unnecessary data volume
- Test the valuation program with multi-currency settings in a non-production environment first
- Review and adjust your reporting and analysis tools to accommodate multi-currency valuation results

Technical Details

Type	New
Functional Localization	No localization
Scope Item	BEJ (Inventory Valuation for Year-End Closing)

Technical Object Name	App ID:
	`MRF3N`
	`MRF1N`

Application Component	`MM-IM-VP` (*Balance Sheet Valuation Procedures*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Multi-Currency FIFO Valuation

4.1.2.2 Manage Material Cost Estimates

Business Details

With this app, you can display a list of material cost estimates by a variety of parameters including fixed and total costs. This app is useful in the following cases:

- Perform an error analysis after a costing run to analyze single cost estimates
- Get an overview of the configured parameters of a costing variant and their dependencies, AI-generated based on the Customizing activity *Define Costing Variant*
- Check the available cost estimates for a material, for example for different costing variants

> **Note**
>
> You cannot manage sales order cost estimates with this app.

Implementation Details

Authorizations

To enable the access to the AI feature, you need to assign a role that includes authorization based on the following business catalog:

Material Cost Estimates (UPA off) - Cost Estimations (`SAP_SFIN_BC_IA_MCE_NPA`)

Material Cost Estimates (UPA) - Cost Estimations (`SAP_SFIN_BC_IA_MCE`)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	BEG (Standard Cost Calculation)
Technical Object Name	App ID: `F7650`
Application Component	`CO-PC-PCP` (*Product Cost Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Material Cost Estimates

4.1.3 Predictive Accounting

4.1.3.1 Predictive Accounting with Service Contracts

Business Details

Predictive accounting predicts the future financial impact of service contract items as soon as they're released in SAP S/4HANA. It creates predictive journal entries for deferred and accrued revenue in a special prediction ledger. This happens before event-based revenue recognition recognizes revenue during closing activities and before actual invoices are entered. As a result, the predicted impact on revenue appears in your balance sheet and income statement sooner.

Implementation Details

As a prerequisite, you must activate scope item 4V7 and set up Event-Based Revenue Recognition (EBRR) for Service Contracts.

Customizing

To use predictive accounting for service contracts, perform the following steps:

1. In Customizing under *Financial Accounting* > *Predictive Accounting* > *Activate Predictive Accounting*, activate *Service Contract Management*.
2. In Customizing under *Financial Accounting* > *Predictive Accounting* > *Check Prediction Ledger*, select the line with the preferred prediction ledger and select the checkbox in the *Relevant for Service Contract* column.

> **Note**
>
> While predictive accounting can define more than one prediction ledger, service contracts work only with one extension ledger whose underlying ledger is a leading ledger.

Effects on Existing Data

Service contracts that were created **before** you activate the *Service Contract Management* option are not automatically considered for predictive accounting.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4V7 (Predictive Accounting for Service Contract Management) 3M3 (Event-Based Revenue Recognition - Service Documents)
Technical Object Name	Database table `ACDOCA`
Application Component	`FI-PRA-PRA` (*Predictive Accounting*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Predictive Accounting with Service Contracts

4.1.3.2 Log Entries in *Monitor Predictive Accounting – Predictive Quality* App

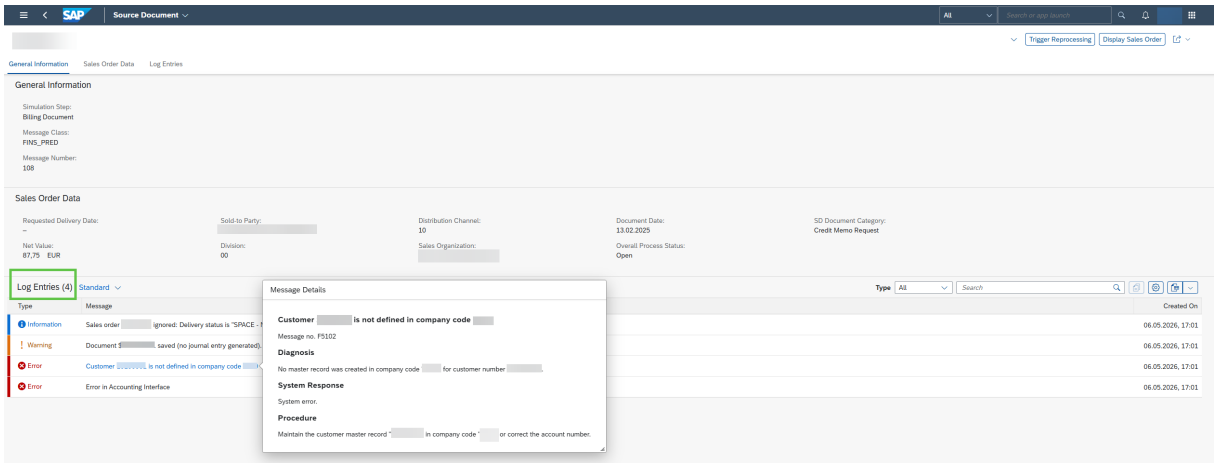
Business Details

In the *Monitor Predictive Accounting – Predictive Quality* app, the *Log Entries* section has been added to the *Details* view for sales orders and service contracts. You can find details for all errors and instructions on how to resolve them by displaying the long text.

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.

This is where you can now find the *Log Entries* section:



Implementation Details

As a prerequisite, you must install the *Application Logs – Reuse Library* app.

Effects on Existing Data

For existing data, logs aren't shown retrospectively in the app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4V7 (Predictive Accounting for Service Contract Management) 2FD (Predictive Accounting for Sales Orders)
Technical Object Name	App ID: F3828 (*Monitor Predictive Accounting – Predictive Quality*) F1488 (*Application Logs – Reuse Library*)
Application Component	FI-PRA-PRA (*Predictive Accounting*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Monitor Predictive Accounting - Predictive Quality

4.1.3.3 AI-Assisted Error Handling

Business Details

Generative AI analyzes errors in predictive accounting data generation and provides intelligent resolution recommendations. Use this feature to reduce time spent on error analysis, improve data quality, and enhance overall accounting accuracy and efficiency through automated troubleshooting proposals.

Implementation Details

Using this AI-assisted feature may require additional entitlement and authorization. Consult your SAP account executive for more information.

Authorizations

To use this feature, you must have the business role SAP_BR_SALES_ACCOUNTANT assigned.

Customizing

1. SAP provides the Intelligent Scenario Lifecycle Management (ISLM) scenario `FINS_PRA_LOG_ANA`. Deploy and activate this intelligent scenario in your system.
2. AI-Assisted Predictive Accounting Error Explanation is a service provided on SAP Business Technology Platform (SAP BTP). To use this service, contact SAP to request a service instance for AI-assisted journal upload and to be onboarded to the intelligent scenario `FINS_PRA_LOG_ANA`.
3. Set up the connection to Intelligent Scenario Lifecycle Management.
4. Once you've set up the connection to ISLM, deploy and activate the intelligent scenario `FINS_PRA_LOG_ANA` in your front-end system. You can do this using the Fiori app *Intelligent Scenario Management* (App ID: `F4470`).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	2FD (Predictive Accounting for Sales Orders) 4V7 (Predictive Accounting for Service Contract Management)
Technical Object Name	App ID: `F3828` (*Monitor Predictive Accounting – Predictive Quality*)
Application Component	`FI-PRA-PRA` (*Predictive Accounting*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

AI-Assisted Predictive Accounting for Error Explanation

4.1.4 Financial Planning

4.1.4.1 Delta Mode for Financial Plan Data Integration with SAP Analytics Cloud

Business Details

In SAP S/4HANA Cloud Private Edition, you can now use the new *Delta Mode* functionality, which allows you to optimize the integration between SAP Analytics Cloud and SAP S/4HANA Cloud Private Edition. It offers administrators a more efficient way to configure and schedule integration jobs between SAP Analytics Cloud and SAP S/4HANA Cloud Private Edition using SAP S/HANA apps.

There's been a growing demand to make integrating financial plan data from SAP Analytics Cloud into SAP S/4HANA Cloud Private Edition more efficient with respect to system and network workload with repetitive runs of the same configuration. In response, this release integrates a new *Delta Mode* in *Manage Financial Plan Data Jobs for SAP Analytics Cloud Integration* and *Schedule Financial Plan Data Jobs for SAP Analytics Cloud Integration Apps* to target this demand.

> ⓘ Note
>
> Delta functionality is not applicable for all types of configurations. It is available only for configurations of target types that support the *Delta Mode*.
>
> In the current release, the new *Delta mode* is first enabled for the *Target Type Integrating Plan Data Line Items* (ACDOCP).

The aim of the new functionality is to mitigate negative effects of transferring large data volumes over the network, minimize workload in SAP S/4HANA Cloud Private Edition tenant, and significantly shorten the overall time of integration. Using the new *Delta Mode* is especially important in customer environments that require integrating large volumes of plan data from SAP Analytics Cloud to SAP S/4HANA Cloud Private Edition, or if the data transfer is needed frequently.

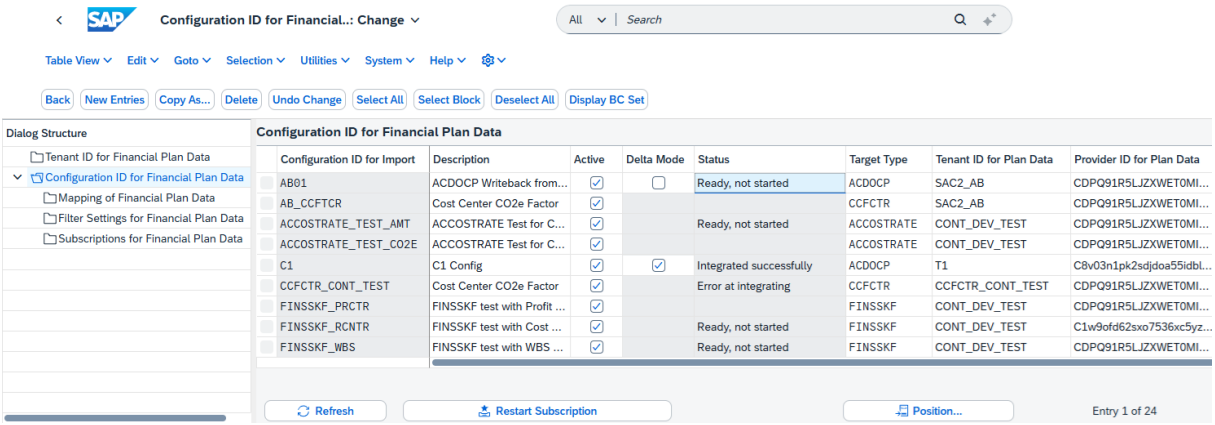
Examples of the User Interface

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

The following screenshots provide an overview of changes in the application:

> ⓘ Note
>
> The following multimedia content displays screens and interfaces in English only.

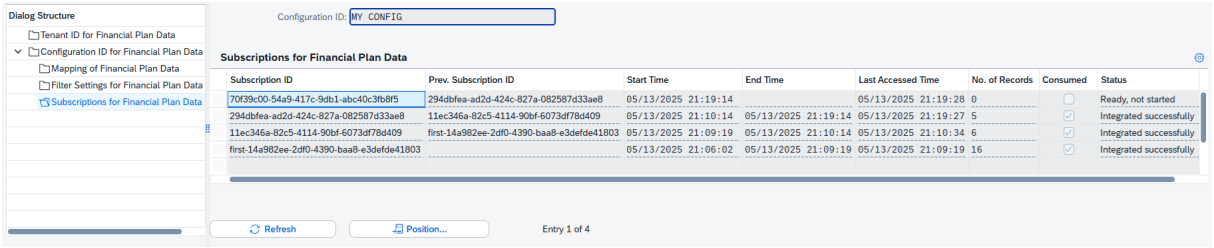
On the *Configuration ID for Financial Plan Data* screen of the *Manage Financial Plan Data Jobs for SAP Analytics Cloud Integration* app, you can now use the *Delta Mode* checkbox to manage how the application reads source data from your SAP Analytics Cloud model, and how changes in the planning model are consumed in the target tables.



Configuration ID for Financial Plan Data screen in the Manage Financial Plan Data Jobs for SAP Analytics Cloud Integration app.

When *Delta Mode* is activated, SAP Analytics Cloud calculates the difference between old and new data first. The SAP S/4HANA Cloud Private Edition system then receives only the changed data in your planning model. The receiving applications can process substantially fewer records when consuming them into target tables.

The new Delta functionality integrates with the *Subscription* concept of SAP Analytics Cloud. By selecting the *Delta Mode* checkbox, you create a subscription on a planning model to extract delta data. This lets you track changes and retrieve only the differences in your model's data. To view existing subscriptions, use the *Subscriptions for Financial Plan Data* screen in the dialog structure. It lists the subscriptions created for your configuration.



Subscriptions for Financial Plan Data screen in the Manage Financial Plan Data Jobs for SAP Analytics Cloud Integration app.

> ⚠ Caution
>
> When *Delta Mode* is activated, do not use other methods to modify the affected subset of data in the target tables. For example, when using target type **ACDOCP**, you should not modify data via *Delete Financial Plan Data*, *Import Financial Plan Data*, *Set Financial Plan Data to Zero*, or *Copy Financial Plan Data*. Also, avoid using overlapping configurations that integrate with the same subset of data. This may cause data inconsistencies. If you have made such changes, you need to re-initialize the delta mode.

Implementation Details

To use the *Manage Financial Plan Data Jobs for SAP Analytics Cloud Integration* app for the *Write Back* integration scenario, you need to complete the configuration steps in both the SAP Analytics Cloud system and SAP S/4HANA Cloud Private Edition.

For more information, see Integrating SAP Analytics Cloud with SAP S/4HANA Cloud Private Edition.

Authorizations

To allow users access to the *Manage Financial Plan Data Jobs for SAP Analytics Cloud Integration* app for the *Write Back* integration scenario, their business users need to have the following business catalog assigned: `SAP_FIN_BC_OH_PLN_PC`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	`1HB` `1YB`
Technical Object Name	App ID: `F7902`
Application Component	`CO-FIO-OM-PL` (*Financial Planning*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Delta Mode in Financial Plan Data Jobs
Exporting Data from SAP Analytics Cloud to SAP S/4HANA Cloud Private Edition

4.2 Accounting and Financial Close

4.2.1 Valuation Class Changes

With this feature, you can reassign valuation classes for selected products. The valuation classes for these products are updated in the material master and related stocks. Material and special stocks are reposted to the newly determined inventory accounts. Several apps are available to assist you during a valuation class change.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CO-PC-ML-VCC` (*Valuation Class Change*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Additional Details

The following apps are available:

- Manage Valuation Class Changes
  Use this app to define the assignment of new valuation classes to products. After that, you can simulate, process, and complete a valuation class change. For more information, see Process Overview for Valuation Class Changes.
- Import Products for Valuation Class Changes
  You can use this app to import products and their new valuation class assignments from a spreadsheet application into the **Manage Valuation Class Changes** app by using the provided template.
- Schedule Job for Valuation Class Changes
  You can use this app to schedule jobs such as simulation, processing, and completion for a valuation class change.
- Display Valuation Class Changes - Application Log
  You can use this app to view the log details for valuation class changes that you simulated, processed, or completed using the **Manage Valuation Class Changes** app.
- Valuation Class Changes – Review Booklet
  This app provides different analysis pages: product stock, sales order stock, project stock, subcontractor stock, stock in transit affected by the valuation class change, and inventory transfer postings created by the valuation class change.

Effects on Existing Data

The reassignment of valuation classes to products ensures adjusted account determination for material-related postings. Material stock and special stock are transfer-posted to the new inventory accounts.

Effects on Data Transfer

The valuation class change solution ensures transfer postings for inventory accounts per material and per special stock object. All other account balances or open items aren't transferred to newly determined accounts.

Authorization

To use the valuation class changes solution, assign the authorization object F_VCC to your user.

Effects on Configuration

When you use the **Manage Valuation Class Changes** app to create and process a valuation class change, you must complete several configuration activities first. For more information, see Configuration Activities for Valuation Class Changes.

Related Information

Valuation Class Changes

4.2.2 General Ledger Accounting

4.2.2.1 Manage Accrual Proposals Efficiently

Business Details

Simplify and automate accrual management with AI-powered proposals. The new `Manage Accrual Proposals` app (APP ID: F8860) leverages the Accounting Accruals Agent to automatically calculate, propose, and post accrual journal entries, reducing manual effort and improving accuracy

Implementation Details

- You have scope item J58 activated.
- You must have the business role SAP_BR_GL_ACCOUNTANT assigned.

- You set up Joule and the integration with the SAP product.
- Use of this feature may require additional entitlements and authorizations. Please consult your SAP account executive for more information. In addition, it is only available if SAP S/4HANA Cloud Private Edition is integrated with Joule.
- To use the Manage Accrual Proposals app, you must have a business role with the business catalog General Ledger - Journal Entry Processing (SAP_SFIN_BC_GL_JE_PROC) and the restriction type Authorization for Company Codes (BUKRS).
- You must prepare a handbook where accounting rules for posting manual accruals are entered for the Accounting Accruals Agent to consume and then generate accrual proposals.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	J58
Technical Object Name	`App ID: F8860`
Application Component	`FI-GL` (*General Ledger Accounting*)
Availability	• SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

4.2.2.2 Accounting Enhancements for Banks

4.2.2.2.1 Average Daily Balances

4.2.2.2.1.1 Trial Balance - Average Daily Balances (F9114)

Business Details

With the *Trial Balance - Average Daily Balances* (`F9114`) app, you can view key figures like the average daily balances (ADBs) and the spot balances of your accounts at any point during a year. You can view ADBs for intra-month dates based on the posting date of FI documents and also several other key figures such as quarter-to-date average balance and year-to-date average balance.

This app is the successor of the *Trial Balance* (`W0166`) app. The *Trial Balance* (`W0166`) app is deprecated and will be deleted from the SAP Fiori launchpad in an upcoming release. The deprecated app may no longer be available by default on the SAP Fiori launchpad. In this case, you can find it in the app finder until it is deleted. We recommend that you switch to the successor app as soon as possible.

Implementation Details

Authorizations

To enable users to access this app, their business users need to have the following **role** assigned:
`SAP_BR_GL_ACCOUNTANT_BANKS`

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F9114
Application Component	`FI-GL-GL-ADB` (*Average Daily Balances*)
Availability	SAP S/4HANA Cloud Private Edition andSAP S/4HANA
Valid as Of	2025 FPS02

4.2.2.2.1.2 CDS Views for Average Daily Balances

Business Details

The following CDS views have been released for Average Daily Balances:

- C_FinSGLAvgDailyBalTrlBalQry
- I_FinSGLAvgDailyBalKeyFigC

Implementation Details

Authorizations

To enable users to access this app, their business users need to have the following **role** assigned:
`SAP_BR_GL_ACCOUNTANT_BANKS`

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	CDS Views: • `C_FinSGLAvgDailyBalTrlBalQry` • `I_FinSGLAvgDailyBalKeyFigC`
Application Component	`FI-GL-GL-ADB` (*Average Daily Balances*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

4.2.2.2.1.3 Deprecation of Trial Balance (W0166)

Business Details

The Trial Balance (W0166) app is built on Web Dynpro technology, which comes with limitations such as a grid-based user experience. As a result, the app is deprecated and will be removed in an upcoming release. Its successor, the Trial Balance – Average Daily Balances (F9114) app, is built on the modern Multidimensional Analysis (MDA) framework and provides an enhanced side panel, improved analytical alignment, and other built-in features.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `W0166`
Application Component	`FI-GL-GL-ADB` (*Average Daily Balances*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS02

4.2.2.2.1.4 Deprecation of CDS Views

Business Details

As of SAP S/4HANA 2025 FPS2, the following CDS views are deprecated and will be removed in an upcoming release:

- C_AvgDailyTrialBalance
- I_AvgDailyBalKeyFigCube

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	CDS Views: • `C_AvgDailyTrialBalance` • `I_AvgDailyBalKeyFigCube`
Application Component	`FI-GL-GL-ADB` (*Average Daily Balances*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

4.2.2.2.2 Error Correction and Suspense Accounting

4.2.2.2.2.1 Process Error Documents

Business Details

With this app, you can search, view, edit, submit, claim, release, forward, and withdraw error document items generated during journal-entry creation. It supports a workflow mechanism that routes the corrected error document through the required approval process after submission.

Implementation Details

See the Configuration section in the help portal for more details on the prerequisite settings required for workflows.

Authorizations

To enable users to access this app, their business users need to have the following **role** assigned: `SAP_BR_GL_ACCOUNTANT_BANKS`

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F7320A`
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 FPS02

Related Information

Process Error Documents (App ID: F7320A)

4.2.2.2.2.2 Analyze Error Documents

Business Details

With this app, you can analyze error documents created during the posting of journal entries through the Error Correction and Suspense Accounting (ECS) component. The app provides a consolidated view of all error documents and enables analysis across multiple business dimensions, such as company code, status, severity,

and aging bucket. Using chart and table views, you can visualize error document counts and balances, identify processing delays, and drill down to detailed error document information for further analysis and processing.

Implementation Details

Authorizations

To enable users to access this app, their business users need to have the following **role** assigned: `SAP_BR_GL_ACCOUNTANT_BANKS`

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F9437
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 FPS02

Related Information

Analyze Error Documents

4.2.2.2.2.3 Objects Released for Developer Extensibility

With the objects released, you have a stable interface to access data from SAP S/4HANA when building custom applications or extensions with developer extensibility.

Additional Details

The following table summarizes the objects that are added, changed, or deprecated for developer extensibility in the current release.

Objects Added, Changed, or Deprecated for Developer Extensibility

Object Type	End-User Name	Technical Name	Type	Details
CDS View	Financial Services GL Error Item Detail	`I_FINSGLERRORITEMDETAIL`	Changed	The following fields have been added to the CDS view to enable you to analyze the error documents: • `FinSGLErrorWorkItemID` (Workitem ID) • `FinSGLErrorItemMessageStatus` (Message Status) • `OriginalItem.Segment` (Segment)

4.2.2.3 Cash Flow Statement - Indirect Method (IFRS 18)

Business Details

This feature enables you to generate a cash flow statement using the indirect method in compliance with IFRS 18, effective from January 1, 2027. It starts the calculation from operating profit, aligning it more closely with financial performance reporting, and removes flexibility in classifying interest and dividends to ensure consistent reporting across entities. For companies with no specified main business activities, it classifies interest and dividends received under investing activities, while interest and dividends paid are classified under financing activities.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	**App ID:** W0226 Cash Flow Statement - Indirect Method (IFRS 18)
Application Component	`FI-FIO-GL-IS` (*Reporting Apps*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Cash Flow Statement - Indirect Method (IFRS 18)

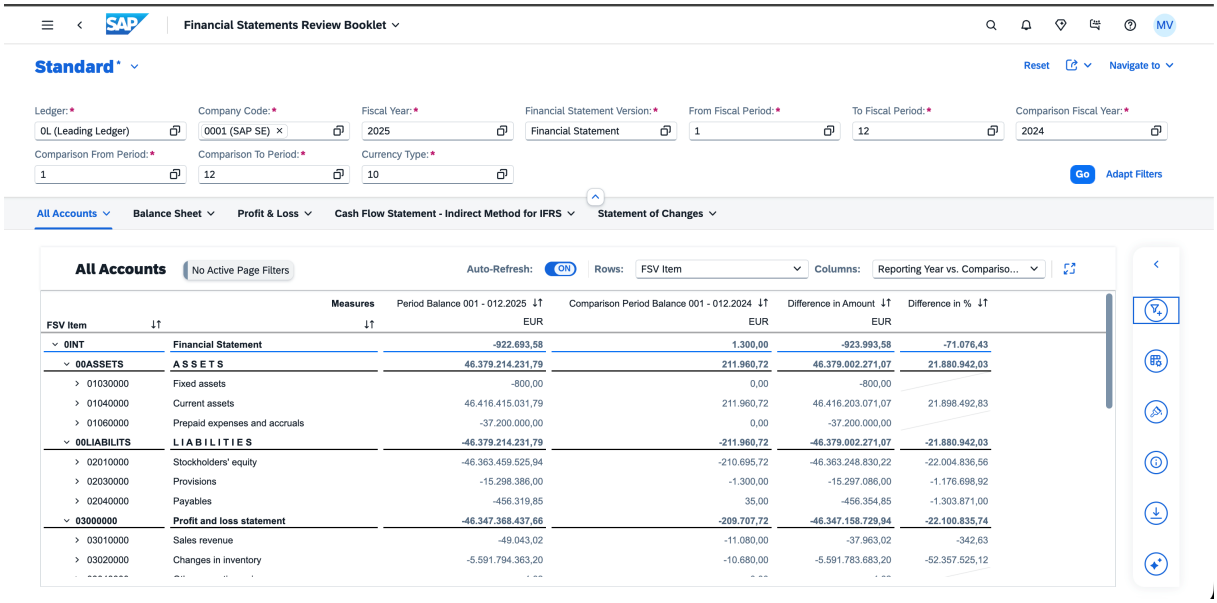
4.2.2.4 Financial Statements Review Booklet

Business Details

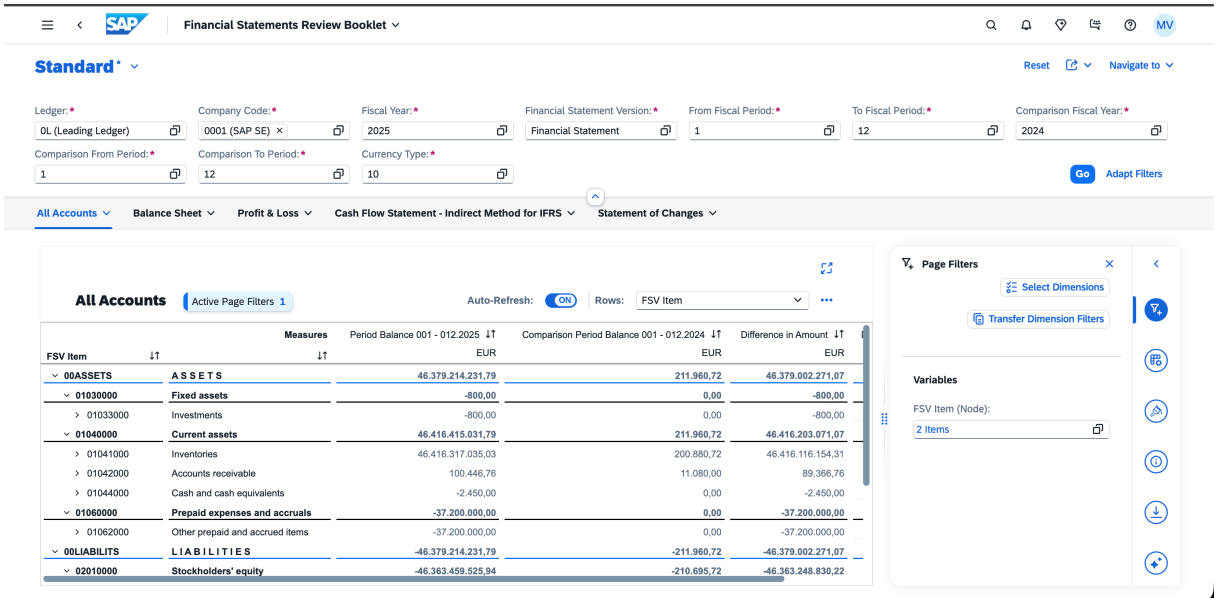
With this feature, you can display, analyze, and validate reporting data. The app presents financial statements by combining predefined business pages grouped under the main areas of **Balance Sheet**, **Profit & Loss**, and **Cash Flow Statement - Indirect Method for IFRS**. This collection of pages forms a review booklet, which can be used to carry out a financial review.

Examples of the User Interface

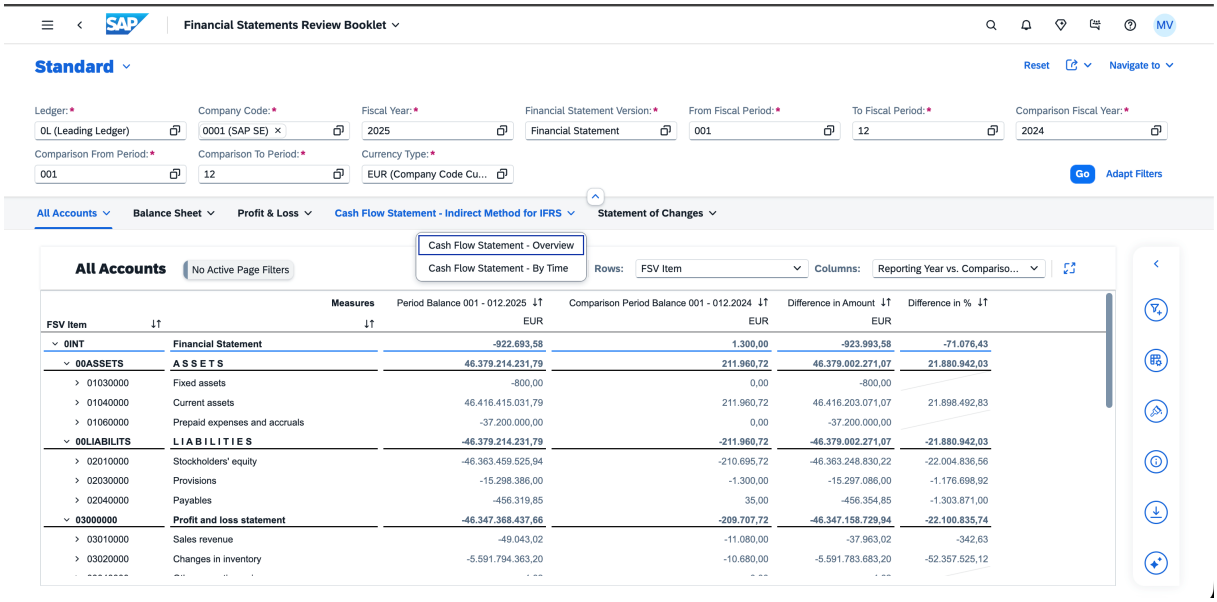
This is main screen of the app:



This is the app with the Page Filters dialog open:



These are the financial statement tabs. The **Cash Flow Statement - Indirect Method for IFRS** tab has the business pages expanded:



Implementation Details

This feature will not automatically be available in your system but requires that you activate the feature *Financial Statements Review Booklet* (**FIN_GL_FS_REVIEW_BOOKLET**) using t-code **ACTIVATE_REVIEW_BOOK**.

Authorizations

You must have access to the *General Ledger - Reporting* (**SAP_SFIN_BC_GL_REPORTING**) business catalog. This catalog is part of the *SAP_BR_GL_ACCOUNTANT* business role.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	J58 (**Accounting and Financial Close**)
Technical Object Name	APP Id`F8587` (*Financial Statements Review Booklet*)
Application Component	`FI-FIO-GL-IS` (*Reporting Apps*)
Availability	

Valid as Of	2025 FPS02

Related Information

Financial Statements Review Booklet

4.2.2.5 AI-Assisted Journal Upload

4.2.2.5.1 Fiscal Year Variant No Longer Mandatory in Journal Upload Cases

Business Details

With this change, you can create journal upload cases without specifying a fiscal year variant in the *Manage Journal Upload Cases* app. The system now automatically derives the fiscal year variant from the company code configuration, simplifying the journal case creation process and reducing manual input requirements.

Previously, when creating journal upload cases, you were required to manually enter the fiscal year variant as a mandatory parameter. The fiscal year variant was used to determine the correct policy based on parameters such as category, subcategory, year, and month.

The fiscal year variant is a configuration setting that's always derived from the company code. Requiring manual entry of this parameter created unnecessary overhead and potential for errors, as users needed to look up and enter information that the system could determine automatically.

With this change, the fiscal year variant is no longer a mandatory input field when you create journal upload cases. The system automatically retrieves the fiscal year variant from the company code configuration, ensuring consistency and reducing the number of steps required to create journal upload cases.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F8538

Application Component	`FI-GL-AI-IJU` (*AI Assisted Manual Journal Upload*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

AI-Assisted Journal Upload
Manage Journal Upload Cases

4.2.2.5.2 Renamed Fields for Year and Month in Journal Upload Cases

Business Details

With this change, the field labels for fiscal year and fiscal period have been renamed to *Year* and *Month* for journal upload cases in the *Manage Journal Upload Cases* app. This change provides clearer and more intuitive field names, making the user interface easier to understand and improving the overall user experience when working with journal upload cases.

The field labels for journal upload cases have been updated to use simpler, more straightforward terminology. What were previously labeled as *Fiscal Year* and *Fiscal Period* are now labeled as *Year* and *Month*. This change makes the fields more intuitive and reduces confusion, particularly for users who may not be familiar with fiscal year terminology. The functionality of these fields remains unchanged; only the labels have been updated to improve clarity and usability.

Changes to the User Interface

The field labels have been simplified as follows:

- *Fiscal Year* is now labeled *Year*.
- *Fiscal Period* is now labeled *Month*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID: F8538
Application Component	FI-GL-AI-IJU (*AI Assisted Manual Journal Upload*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

AI-Assisted Journal Upload
Manage Journal Upload Cases

4.2.2.5.3 Change in Initial Loading of Tabs While Creating Journal Posting Policies

Business Details

With this change, when you create a new journal posting policy in the *Manage Journal Posting Policies* app, the system initially loads only the *General Information* and *Policy Document* tabs. All other tabs load only after you enter the required information and choose *Create*, reducing initial loading time and improving your user experience.

This performance optimization improves the responsiveness of the journal posting policy creation process. Previously, when you chose to create a new policy, the system loaded all tabs simultaneously, which could result in longer wait times.

With this enhancement, the system loads content progressively:

- When you first choose *Create* to create a new journal posting policy, only the *General Information* and the *Policy Document* tabs are loaded.
- After you complete the general information details and upload any required attachments, then choose *Create*, the system loads the remaining tabs.

This approach reduces the initial loading time and allows you to start entering policy information more quickly.

Technical Details

Type	Changed

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 FPS02

Related Information

AI-Assisted Journal Upload
Manage Journal Posting Policies

4.2.2.5.4 Support for Mathematical and Conditional Instructions in Policy Documents

Business Details

With this feature, you can define mathematical formulas and conditional logic in natural language within policy documents for creating journal posting policies in the *Manage Journal Posting Policies* app. The system interprets your instructions and automatically determines values for master data fields such as profit center, cost center, and G/L account based on conditions you specify, and calculates amounts using mathematical expressions. This enables you to create more flexible and customer-specific policies without manual coding, streamlining the journal entry proposal generation process.

Previously, the system supported only simple value assignments for master data fields in policy documents for journal posting policies. You couldn't specify conditional logic or mathematical calculations in natural language.

Now, you can enter instructions in natural language or expression format directly into policy documents. For example, you can specify:

- "When the company code is 1000, then cost center is A, else B"
- "If "Company" from excel = ABCD then (0.6 * Amount multiply 11%) else if "G/L Account" from excel < 3000003 then (0.5 * Amount + 0.9 * Amount) else 6000"

This enhancement provides several business benefits:

- You can create more sophisticated policies that reflect complex business rules without requiring custom development.
- The system automatically determines master data values and calculates amounts based on your specified conditions, reducing manual effort and potential errors.

Technical Details

Type	Changed
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 FPS02

Related Information

AI-Assisted Journal Upload
Manage Journal Posting Policies

4.2.2.5.5 AI Icons for Activate and Generate Proposal Actions

Business Details

With this change, AI-powered actions are now more visible in the user interface. The *Activate* button in journal posting policies and the *Generate Proposal* button in journal upload cases now display the AI icon ✦, making it easier for you to identify which actions use artificial intelligence capabilities.

This visual enhancement improves transparency by clearly indicating which features use AI technology. The AI icon ✦ appears next to the following actions:

- *Activate* button in the *Manage Journal Posting Policies* app.
- *Generate Proposal* button in the *Manage Journal Upload Cases* app.

The functionality of these buttons remains unchanged. The AI icon serves as a visual indicator to help you quickly recognize AI-enabled features within the application, supporting informed decision-making about when AI capabilities are being used in your business processes.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F8539 F8538
Application Component	FI-GL-AI-IJU (*AI Assisted Manual Journal Upload*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

AI-Assisted Journal Upload
Manage Journal Posting Policies
Manage Journal Upload Cases

4.2.3 Revenue Accounting and Reporting

4.2.3.1 Improved Handling of Invoice and Cost Corrections with Original Posting Dates

Business Details

Invoice and cost corrections are now processed independently from contract changes, ensuring proper financial alignment and period accuracy. With this enhancement, invoice and cost correction postings are decoupled from the change process. Previously, invoice and cost corrections were treated similarly to contract changes, which resulted in some corrections being posted with dates that didn't align with the original transactions. This approach created challenges for period-accurate financial reporting in operational systems. With this enhancement, invoice corrections are posted using the original invoice posting date, ensuring they appear in the same financial period as the initial postings in your operational system. At the same time, contract-related changes continue to follow their own effective date rules as expected.

> **Note**
>
> This new feature is available as of

- 2025 FPS02
- 2023 SPS06
- 2022 SPS08
- 2021 SPS10

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 FPS02

Related Information

Invoicing

4.2.3.2 Enhanced Logging Integration Between the Application Interface Framework (AIF) and Revenue Accounting

Business Details

This new feature provides enhanced logging capabilities that allow you to capture and display additional processing information in Application Interface Framework (AIF) logs. For example, if AIF successfully processes and forwards data to Revenue Accounting (RAR), but RAR processing subsequently fails, a warning message can now be included in the AIF log. This provides system administrators with clear visibility into downstream processing issues and serves as an actionable indicator that RAR processing requires attention or reprocessing. Until now, when you orchestrated API processes through AIF, you received binary feedback only: either a success message when data had been passed successfully to the processing component, or an error when transmission failed. With this enhancement, this gap has been closed.

> **Note**
>
> This new feature is available as of
>
> - 2025 FPS02
> - 2023 SPS06

Implementation Details

This functionality requires configuration and is not enabled by default. While RAR has enhanced its logging infrastructure to make this information available, the necessary setup to display these messages in AIF logs must be implemented as part of the customer's project configuration.

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 FPS02

4.2.4 Event-Based Revenue Recognition

4.2.4.1 Financial Chain Information Available in Event-Based Revenue Recognition

Business Details

With this feature, Event-Based Revenue Recognition (EBRR) documents created during the Multistage Intercompany Stock Transfer process now include the Financial Chain ID and VCM Chain UUID in the accounting data. The system updates the *FINANCIAL_CHAIN_ID* and *VCM_CHAIN_UUID* fields in the ACDOCA table for EBRR documents created during cost postings, invoice postings, and period-end processing. This

enables consistent financial chain information across accounting documents and supports end-to-end tracking and reporting for multistage intercompany business processes.

Implementation Details

Customizing

To enable EBRR for multistage intercompany process, create an additional customizing entry for the selling company code with Item Category = `TAN` and VCM Category = `MISL`, and another entry for the delivering company code with Item Category = `CBIC` and VCM Category = `MIST`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1K2 (Event-Based Revenue Recognition – Sell from Stock)
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	2025 FPS02

Related Information

Multistage Intercompany Sales

4.2.4.2 Support of Drop Shipment Scenario with Milestone Billing for Method 7

Business Details

With this feature, you can use Event-Based Revenue Recognition (EBRR) with revenue recognition method 7 for drop shipment scenarios with milestone billing. This capability is available for the following pre-delivered sales order item categories:

- CBA0: Drop Shipment with milestone billing
- DB1: Drop Shipment with shipping notification and with milestone billing plan
- DB2: Drop Shipment without shipping notification and with milestone billing plan

This feature enables you to recognize revenue based on customer billing events and billing plan milestones using revenue-based POC (method 7).

Implementation Details

Customizing

Assign the sales item categories with billing relevance *I* to a revenue recognition key that uses completed contract method (method 7) in Customizing for *Event-Based Revenue Recognition* under *Derivation of Recognition Key for Sell from Stock.*

Technical Details

Type	Changed
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	2025 FPS02

4.2.4.3 Support of Drop Shipment for Sales Orders with Item Categories CB1 and CB2

Business Details

With this feature, you can use the completed contract revenue method (method 9) for sales order items with one of the following billing relevances:

- 'B' – Relevant for order-related billing – status according to order qty
- 'F' – Order-related billing doc. – status according to invoice qty

This feature enables Event-Based Revenue Recognition to support the following pre-delivered sales item categories:

- CB1: Drop Shipment with shipping notification
- CB2: Drop Shipment without shipping notification

Implementation Details

Customizing

Assign the sales item categories with billing relevance 'B' and 'F' 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	2025 FPS02

4.2.4.4 Multi-Ledger Support in Event-Based Revenue Recognition

Business Details

With this feature, you can schedule a single period-end closing job to revalue event-based revenue recognition for multiple company codes and ledgers, as long as the fiscal year variants are the same across all ledger and company code combinations. This reduces the need to schedule separate jobs for each ledger, saving time and simplifying period-end processing. If the fiscal year variants differ, the system notifies you and you need to schedule separate jobs.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1K2 (Event-Based Revenue Recognition – Sell from Stock) 33M (Event-Based Revenue Recognition – Sell from Stock – IFRS) 3M3 (Event-Based Revenue Recognition – Service Documents) 3M4 (Event-Based Revenue Recognition – Service Documents – IFRS)
Technical Object Name	App ID: F4276 F4278 F4277
Application Component	CO-PC-OBJ-EBR (*Event-Based Revenue Recognition*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

4.2.4.5 Support of Item Categories with Billing Relevance M in Sell-from-Stock Scenarios

Business Details

This feature enables you to recognize revenue based on an invoice simulation (revenue recognition method 14) for sales orders with item categories of billing relevance *M* (Delivery-related invoices: no zero quantities including main batch item). This avoids the creation of billing document items for batch items with zero delivered quantity in billing of batch split materials.

Implementation Details

Customizing

Assign a recognition key applying revenue recognition method 14 to the item categories of billing relevance *M* 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	33M (Event-Based Revenue Recognition – Sell from Stock – IFRS) 1K2 (Event-Based Revenue Recognition – Sell from Stock) BD9 (Sell from Stock)
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	2025 FPS02

Related Information

Supported Revenue Recognition Methods for Sales Orders

4.2.5 Central Finance

4.2.5.1 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
Bulgaria	SAF-T (Main Declaration)	BG_SAFT_MONTH	The *Product* data are not replicated to the Central Finance system. If the *Product* data are not maintained in Central Finance, then in the XML file generated by the report: • The MasterFiles/Products section will be empty. • The SourceDocuments/SalesInvoices and the SourceDocuments/PurchaseInvoices sections will not contain Product details of the invoices. Quantity and unit of measure are not displayed in the report if these values are not available in journal entry line item tables (ACDOCA or BSEG).	n/a
Luxembourg	SAF-T	LU_SAFT	n/a	n/a

Country/Region	Task	Report Category	Additional Information	Accounting View of Logistic (AVL) Information
Slovakia	Financial Transaction Tax	`SK_FTT_DCL`	*Bank Data*: You must use *Central Payments* and generate bank statement data required for the report in Central Finance. For more information on how to use Central Payments in a Central Finance scenario and how to configure it, you can read in Central Payment.	n/a
Canada	First Nations Tax Return	`CA_GST_FNT_REP`	n/a	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 FPS02

Related Information

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

4.2.5.2 ODN Framework Integration

Business Details

With this feature, you can integrate official document numbering (ODN) from non-SAP or SAP ERP systems to the Central Finance system. This integration ensures consistent and legally compliant document numbering across distributed system landscapes, facilitating accurate financial reporting and reducing manual effort in document handling.

Implementation Details

Customizing

The *Activate the ODN Framework for the Source Logical Systems* customizing activity (`FIGLO_CFINS_ODN`) is used to map the source logical systems to the official document numbering business processes. With the *Assign AIF Runtime Configuration Group to ODN Replication* customizing activity (`FINS_CFIN_AIF_RT_CFG_ODN`), you define the AIF (Application Interface Framework) runtime configuration groups that you want to use for ODN data replicated to the Central Finance system. The Business Add-In (BAdI) *Country-Specific ODN Data Preparation* (`BADI_FINS_CFIN_ODN_DATA`) allows you to define where the ODN value is stored in the source systems and from where it should be fetched to the target system.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Customizing Activity:
	`FIGLO_CFINS_ODN`
	`FINS_CFIN_AIF_RT_CFG_ODN`
	BAdI:
	`BADI_FINS_CFIN_ODN_DATA`

Application Component	`FI-CF` (*Central Finance*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Central Finance
Country-Specific Requirements

4.2.5.3 Cost Object Replication

Business Details

Support for Product Cost Collector–to–Internal Order Mapping:

You can now use the **Product Cost Collector** to **Internal Order** mapping scenario in the **Cost Object Mapping Framework**. This enhancement extends the available mapping options and enables cost objects from Product Cost Collectors to be mapped to Internal Orders for subsequent processing and reporting.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	NA
Technical Object Name	`Not applicable`
Application Component	`FI-CF-OBJ` (*Cost Object Replication*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Cost Object Mapping

4.2.6 Real Estate Management

4.2.6.1 Contract and Lease Management

4.2.6.1.1 Manage Cost Settlement

Business Details

With this app, which is used in the **cost settlement** step, you can do the following:

- Create cost settlements.
- Edit cost settlements. The cost settlement information is based on the objects created in the **cost settlement preparation** step.
- Simulate cost settlements.

  > ⓘ Note
  >
  > You can check the results of the simulation in the **Display Results of Cost Settlement Process Steps** app.

- Copy cost settlements.

Examples of the User Interface

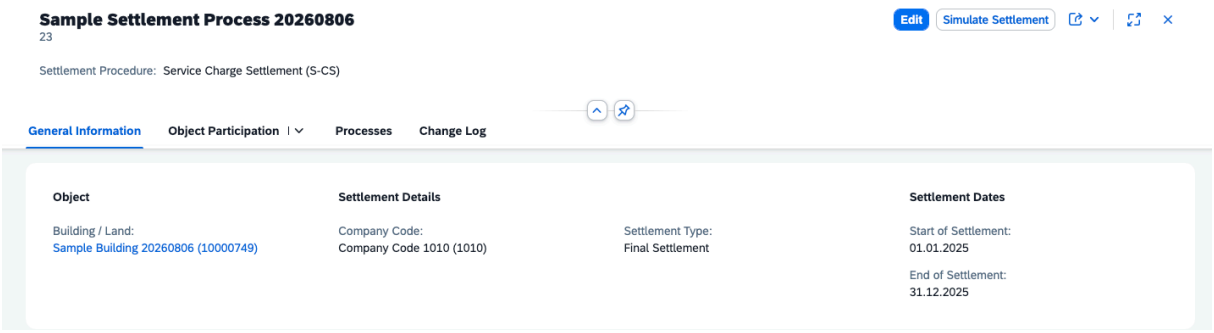
> ⓘ Note
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

In the app, the cost settlement information is displayed on the following tabs:

- *General Information*
- *Object Participation*
- *Processes*
- *Change Log*

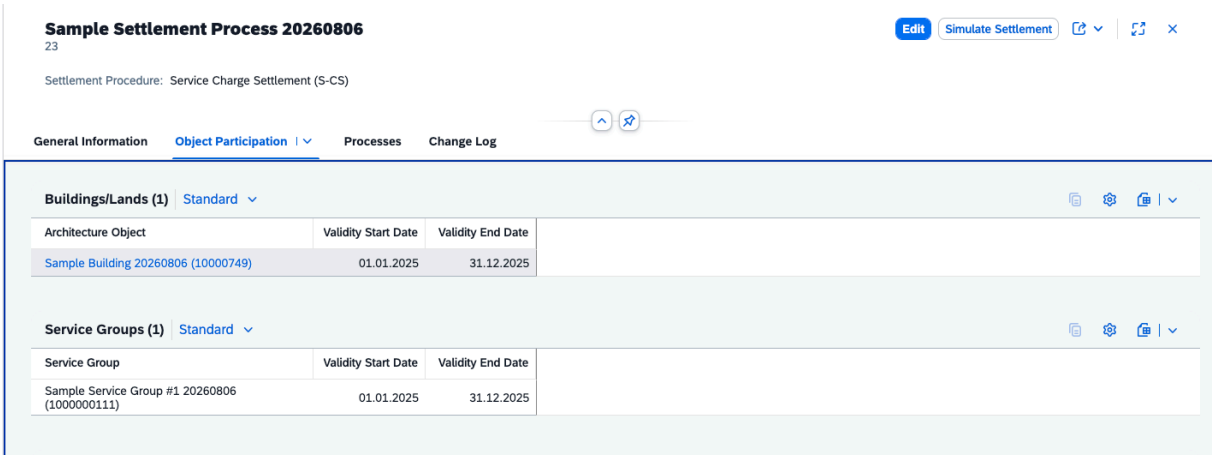
The *General Information* tab displays master data of the cost settlement, including header information, such as company code, settlement process name, and settlement type. It also includes object details, such as settlement procedure, building / land object number, as well as the start and end date of a settlement to select the corresponding settlement periods from the service groups and its settlement procedure.

The following screenshot shows an example of the master data, which is displayed under general information.



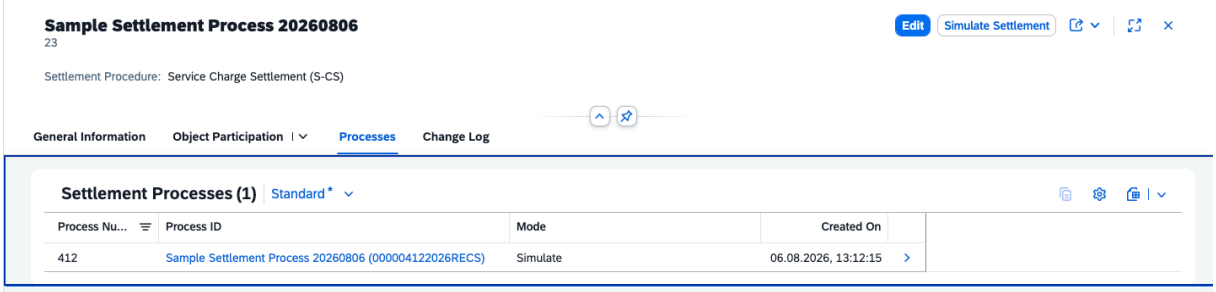
The *Object Participation* tab displays the master data objects participating in the settlement process, such as architecture objects, service groups, rentable objects, and contracts.

The following screenshot shows an example of the master data objects participating in the settlement process:



The *Processes* tab displays the status of the settlement processes.

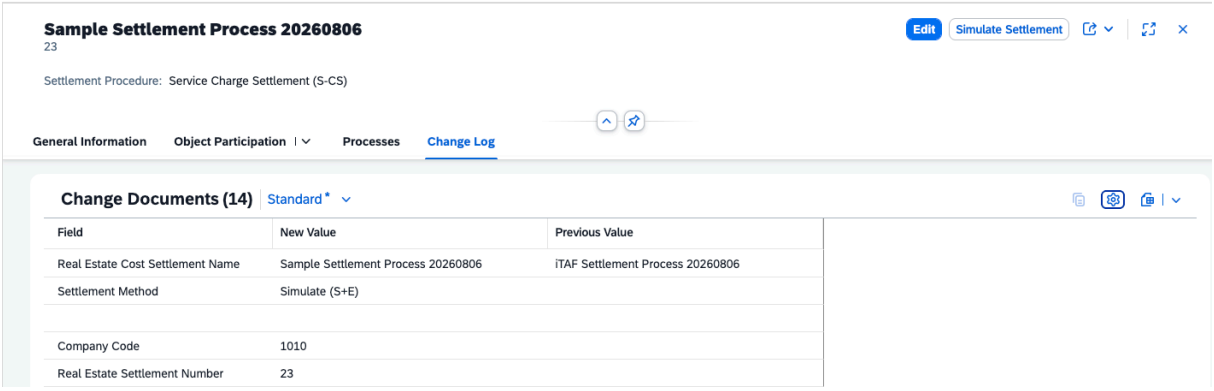
The following screenshot shows an example of a settlement process and its status:



> ### Note
>
> This tab is filled when you simulate a cost settlement. A new process record is created and the *Change Log* tab is updated accordingly.

The *Change Log* tab displays changes on app level.

The following screenshot shows an example of changes:



Implementation Details

Authorizations

To enable access to the app in the SAP Fiori launchpad, add Business Catalog `SAP_FIN_BC_RECS_SETL_MGMT` to a PFCG role and assign it to the user. The catalog controls app visibility; data access still depends on backend authorizations you defined in transaction `PFCG`. For more information, refer to the entry of the app in the Fiori Apps Reference Library.

Configuration

You have done the following in the **cost settlement preparation** step:

- Created service groups using the Manage Service Groups app.
- Created contract settlement regulations using the Manage Contract Settlement Regulations app.
- Synchronized cost settlement items using the Synchronize Cost Settlement Related Items app.
- Classified journal entry items using the Classify Journal Entries for Real Estate Settlement app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F7391
Application Component	`RE-FX-CS` (*Cost Settlement*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Related Information

Manage Cost Settlements
Cost Settlement Overview

4.2.6.1.2 Display Results of Cost Settlement Process Steps

Business Details

With this app, you can view detailed information about the cost settlement process steps and their status. You can use this app after you've completed a **cost settlement simulation**.

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.

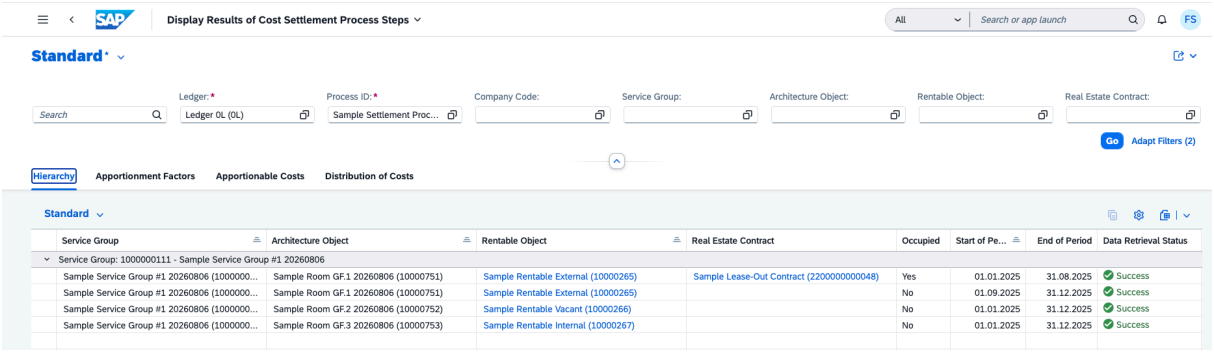
The cost settlement information is displayed on the following tabs:

- *Hierarchy*
- *Apportionment Factors*
- *Apportionable Costs*
- *Distribution of Costs*

The *Hierarchy* tab displays information about:

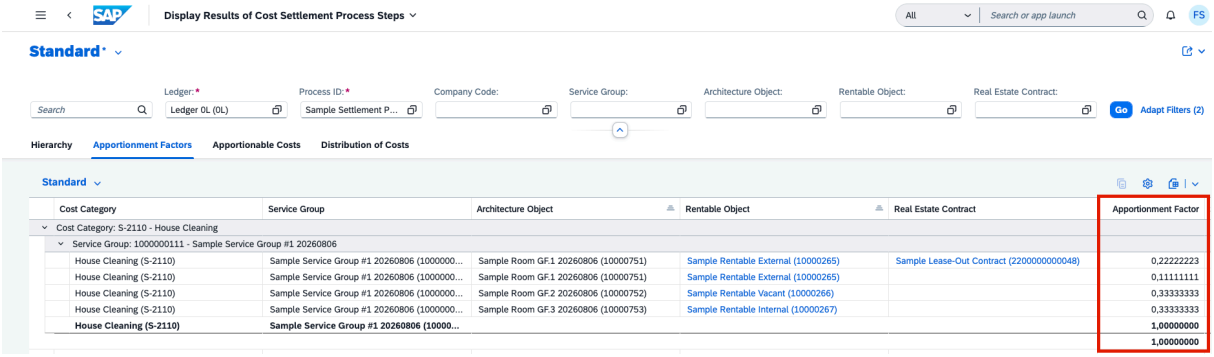
- The service groups that are considered.
- The participating architecture objects.
- The occupancy for every single architecture object.
- The rentable objects assigned to the architecture objects and their contracts.

The following screenshot shows an example of a cost settlement hierarchy with service groups and company codes.



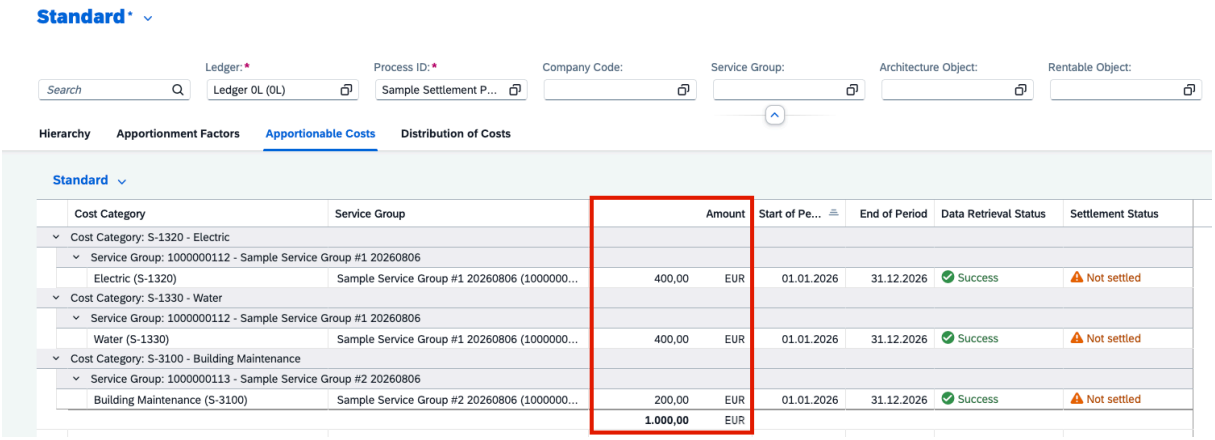
The *Apportionment Factors* tab displays the apportionment factors for all cost categories and objects considering all changes in the hierarchy.

The following screenshot shows an example of apportionment factors in cost categories and service groups:

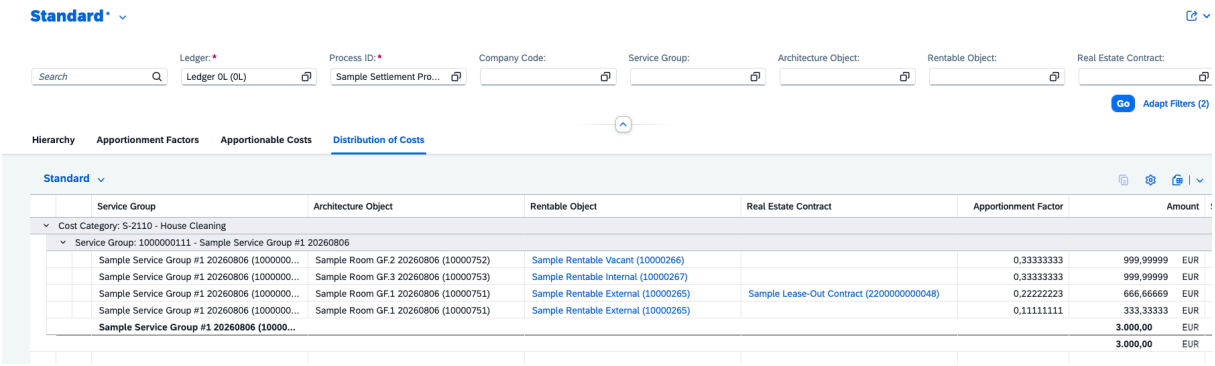


The *Apportionable Costs* tab displays the costs to be considered from the previously classified journal entries for the cost distribution (for more information, see also Classify Journal Entries for Real Estate Settlement). The costs are displayed per cost category and service group.

The following screenshot shows an example of apportionable costs per cost category and service group:



The *Distribution of Costs* tab displays the calculated amounts per architecture object in a hierarchy and period:



Implementation Details

Authorizations

To enable access to the app in the SAP Fiori launchpad, add Business Catalog `SAP_FIN_BC_RECS_SETL_MGMT` to a PFCG role and assign it to the user. The catalog controls app visibility; data access still depends on backend authorizations you defined in transaction `PFCG`. For more information, refer to the entry of the app in the Fiori Apps Reference Library.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F9079
Application Component	`RE-FX-CS` (*Cost Settlement*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Display Results of Cost Settlement Process Steps
Cost Settlement Overview

4.2.6.1.3 Ignore Cross Dependencies

Business Details

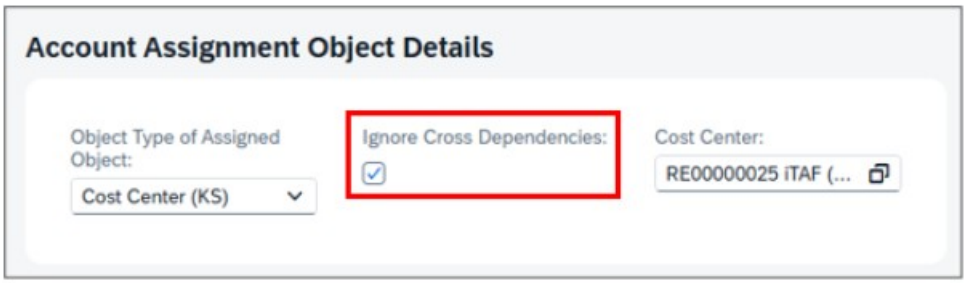
You can now use the same accounting object across building/lands or portfolio IDs, for example, when you lease in a single contract. You do this by selecting the *Ignore Cross Dependencies* checkbox for the leading account assignment object on the *Accounting Integration* tab in the *Manage Usable Objects* app.

When you select this checkbox:

- The system doesn't check if account assignment objects are used across building/lands or portfolio IDs.
- The costs related to the building/land or Portfolio ID aren't displayed in the business insights of the *Lease and Real Estate Accounting Review Booklet* app and dependent processes.

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.



Implementation Details

Authorizations

To enable access to the app in the SAP Fiori launchpad, add Business Catalog `SAP_FIN_BC_RECM_SPECIALIST` to a PFCG role and assign it to the user. The catalog controls app visibility; data access still depends on backend authorizations you defined in transaction `PFCG`. For more information, refer to the entry of the app in the Fiori Apps Reference Library.

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F7693`
Application Component	`RE-FX-BD` (Basic Data)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Usable Objects

4.2.6.1.4 Business Insights (Quick Actions)

Business Details

You can use predefined AI-assisted business insights (quick actions) in the Lease and Real Estate Accounting Review Booklet app.

> **Note**
>
> Use of this AI-assisted feature may require additional entitlement and authorization. Please consult your SAP account executive for more information.

Quick actions combine drilldown and filter actions with Artificial Intelligence (AI) prompts. They automate navigation and provide users with explanations of the data. Quick actions answer predefined business questions and offer detailed information to business users. For more information, see AI-Assisted Financial Business Insights. To access the quick actions, open the side panel and choose *Business Insights*.

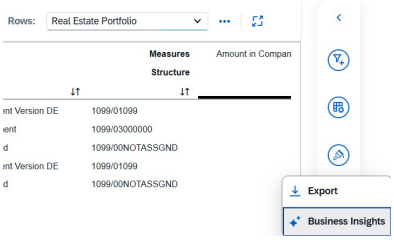
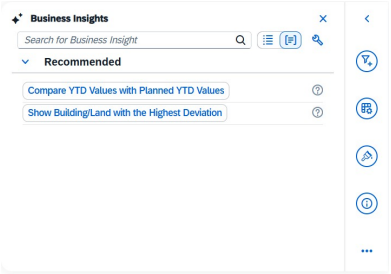
Here's how you can use the feature:

1. Select the part of the table that you want to use a quick action on.
2. In the context menu, choose *Business Insights*.
3. On the *Business Insights* panel, choose *Recommended* and select the desired quick action.

> **Caution**
>
> The data shown in tables or charts is provided to a large language model; therefore, you must **not** include personal data in your drilldown.

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.

Business Insights in the Side Panel	Business Insights in the Context Menu	Quick Actions
		

Implementation Details

Authorizations

To enable access to the app in the SAP Fiori launchpad, add Business Catalog `SAP_FIN_BC_RECM_RENT_ACCRP` to a PFCG role and assign it to the user. The catalog controls app visibility; data access still depends on backend authorizations you defined in transaction `PFCG`. For more information, refer to the entry of the app in the Fiori Apps Reference Library.

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F8196
Application Component	`CA-GTF-RB` (*Review Booklet*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Lease and Real Estate Accounting Review Booklet

4.2.7 Joint Venture Accounting

4.2.7.1 BAdi: Venture Numbering

Business Details

This BAdi (BADI_JVA_VENTURE_NUMBERING) is used to support venture numbering requirements in Joint Venture Accounting (JVA).

This enhancement enables you to override the standard SAP venture number determination and validation logic by implementing custom rules through the BAdI interface `IF_JVA_BADI_VENTURE_NUMBERING`. The BAdI provides two enhancement methods:

- `DETERMINE_VENTURE_NAME` – Determine venture names using customer-defined logic during venture creation.
- `CHECK_NUMBER_RANGE` – Validate venture names using customer-specific number range checks.

The enhancement is particularly relevant for running Production and Revenue Accounting (PRA) together with JVA, where venture naming is determined differently across company codes. By implementing this BAdI, you can align JVA venture naming with PRA naming rules and ensure consistent venture identification across both applications. By default, no implementation is delivered and standard SAP venture number determination remains unchanged. The BAdI can be activated to fully or partially replace standard processing as required.

Implementation Details

- Supported for S4CORE releases 105–109

- Requires implementation of SAP Note 3731626
- For S4CORE 108, SAP Note 3441519 and Support Package SAPK-10806INS4CORE (or higher) are required

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3F7
Technical Object Name	`BADI_JVA_VENTURE_NUMBERING`
Application Component	`CA-JVA-JVA` (*Joint Venture Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

SAP Note 3731626
SAP Note 3441519

4.2.7.2 BAdi: Custom Replication of JVA Master Data at Save

Business Details

This BAdi (`BADI_JVA_MASTER_DATA_AT_SAVE`) is used to implement custom logic whenever Joint Venture Accounting (JVA) master data is saved. This enhancement allows you to trigger customer-defined processing when venture, Joint Operating Agreement (JOA), or venture partner master data is created or changed.

This BAdI replicates JVA master data to external systems and cannot use, or choose not to use, standard SAP replication solutions. It provides dedicated enhancement methods for each supported master data object type, enabling you to implement replication or post-save processing selectively for ventures, JOAs, and venture partners.

The BAdI interface `IF_JVA_BADI_MASTER_DATA_SAVE` includes the following methods:

- `AT_VENTURE_SAVE` – Called when venture master data is saved.
- `AT_JOA_SAVE` – Called when Joint Operating Agreement master data is saved.

- AT_PARTNER_SAVE – Called when venture partner master data is saved.

By default, the BAdI is delivered without an active implementation and no replication logic is executed. You can implement one, multiple, or all available methods according to their integration requirements.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	
Technical Object Name	3F7
Application Component	CA-JVA-JVA (*Joint Venture Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

SAP Note 3667346
SAP Note 2909105

4.2.7.3 BAdi: Custom JIB/JIBE Mapping During Billing Extract Creation

Business Details

This BAdI (`BADI_JVA_JIB_JIBE_MAPPING`) is used to customize the JIB/JIBE mapping process during billing extract creation in Joint Venture Accounting (JVA). This enhancement enables you to modify the results of the standard mapping logic or completely replace the standard derivation with your own customer-specific rules.

The BAdI is available during execution of the JIB/JIBE billing extract creation (transaction `GJ13A`) and provides dedicated enhancement points before and after the standard mapping logic is processed.

- The BAdI interface `IF_JVA_BADI_JIB_JIBE_MAPPING` includes the following methods:
- BEFORE_STANDARD_MAPPING – Execute custom logic before the standard JIB/JIBE mapping is performed. You can optionally suppress the standard derivation logic and provide your own mapping.
- AFTER_STANDARD_MAPPING – Execute custom logic after the standard mapping is completed to adjust, enrich, or override the derived values.

By default, the standard SAP JIB/JIBE mapping logic continues to run unchanged. If you set the parameter CV_SKIP_STANDARD_DERIVATIONS to ABAP_TRUE in method BEFORE_STANDARD_MAPPING, the standard mapping is skipped and only your custom logic is executed.

Technical Details

Type	New
Functional Localization	No localization
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 FPS02

Related Information

SAP Note 3669733

4.2.7.4 Printing Selection for Consolidated Output

Business Details

Previously, these options were unavailable because OCF processes one receiver per output, which prevented the bundling of multiple partners into a single output document.

An additional printout section has been added that restores the ability to:

- Select the *Consolidated output* option.
- Merge multiple output types into a single output document.
- Generate consolidated hardcopy billing outputs while continuing to use the OCF framework.

For technical flag names for consolidated output while retrieving the outptut files from GJOCF, refer the table below:

Program Name: `RGJVBR10_ACD`

Technical Objects

Technical Name	Description
IC1	Invoice Consolidated
SC1	Statement Consolidated
EC1	Expenditure Consolidated
MG1	Merge Output
ST1	Statement Per Partner
IV1	Invoice Per Partner
EX1	Expenditure Per Partner

Implementation Details

Review and apply the relevant prerequisite SAP Notes/KBAs before or along with this correction, depending on your software component version as follows:

Software Component	From	To	SAP Note/KBA	Title	Component
S4CORE	104	109	3673863	GJ14A: PDF output missing when running hardcopy billing for more than one partner	CA-JVA-JVA-PP
S4CORE	108	108	3434733	Double amounts in totals lines in PDF partner bills printed by the OCF framework.	CA-JVA-JVA-PP
S4CORE	108	108	3559249	GJ14A: Carried interest statement not generated.	CA-JVA

Software Component	From	To	SAP Note/KBA	Title	Component
S4CORE	108	108	3691291	GJ14A: The printing selection for the Consolidated output and the merging of multiple output types into a single output are missing when OCF is active.	CA-JVA
S4CORE	108	108	3701758	GJ14A: PDF output missing when running hardcopy billing for more than one partner and processing more than one output type.	CA-JVA
S4CORE	109	109	3691291	GJ14A: The printing selection for the Consolidated output and the merging of multiple output types into a single output are missing when OCF is active.	CA-JVA
S4CORE	109	109	3701758	GJ14A: PDF output missing when running hard copy billing for more than one partner and processing more than one output type.	CA-JVA

Authorizations

Existing authorizations for executing JVA billing programs and related display functions suffice.

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 FPS02

4.2.7.5 Flexible Equity Group Derivation for CO Documents in JVA

Business Details

With this feature, you can now configure how the equity group is derived for Controlling (CO) documents in Joint Venture Accounting (JVA).

The equity group was always derived from the *Document Date* for all documents (except where the document date was unavailable). For CO documents, this could lead to inconsistencies because the document date cannot be modified through substitution. As a result, when the equity group valid for the month in which a CO transaction was executed differed from the month for which the transaction was run, the equity group in the generated CO document could differ from that of the original posting.

With this enhancement, the system now provides custom-configurable options to derive the equity group from the *Posting Date* instead of the document date for CO documents.

Implementation Details

Ensure the listed prerequisite SAP Notes/KBAs are implemented according to your installed software component and release level.

Software Component	From	To	SAP Note/KBA	Title
CA-JVA	45B	462	420247	No JV data derivation for profitcenter account assigment
CA-JVA	461	461	399866	Equity Group Derivation in MM
CA-JVA	461	461	482178	Problems w/JV Data for MM Postings w/profit center
CA-JVA	461	461	638231	Equity Group derivation for CO documents in GJ97
CA-JVA	462	462	399866	Equity Group Derivation in MM
CA-JVA	462	462	638231	Equity Group derivation for CO documents in GJ97
CA-JVA	462	462	674680	Asset Postings Not Checked For Inactive Equity Group
CA-JVA	462	462	803193	Billable entries posting to closed JV periods
CA-JVA	462	462	862460	Billable entries posting to closed JV periods
EA-APPL	110	605	1559759	No venture data derived for asset posting by RAPERB2000
EA-APPL	110	606	1386064	G4029 when posting an MM document
EA-APPL	110	606	1511633	RGJVREC8: Several fixes
EA-APPL	110	606	1516460	Speeding up CO document processing in JV integration manager
EA-APPL	110	606	1618533	Wrong split of invoice receipt with down payment

Software Component	From	To	SAP Note/KBA	Title
EA-APPL	110	616	1714826	Error GJ100 when using BAPI_FIXEDASSET_OVRTAKE_CREATE
EA-APPL	110	616	1810676	No cost object derived for periodic asset postings
EA-APPL	110	616	1837906	Wrong venture derived when changing cost center with AS02
EA-APPL	200	606	1447604	Shortdump "DATE_INVALID" when posting an FI document
EA-APPL	200	606	1547417	Wrong venture derived for subcontract line in goods receipt
EA-APPL	500	606	1507591	No JVA document posted for FI document with more than 999 li
EA-APPL	600	605	2246592	Equity group not derived from production-month value for CO doc line
EA-APPL	600	606	1418188	Wrong derivation of venture data for goods issue to sales
EA-APPL	600	606	1606791	Wrong recovery indicator derived for asset transfers
EA-APPL	600	616	1628393	Local currency amounts incorrect in JV CO doc when the CO currencies are not identical with the FI currencies
EA-APPL	600	616	2167898	Quantity and unit of measure in FI and JVA document not identical
EA-APPL	605	616	1703266	FB01: Venture data not re-derived when changing cost object
EA-APPL	605	616	1772444	Switching off classic JV doc derivation if NewGL der. active
EA-APPL	605	616	2190662	GJ17: Wrong equity group set in documents

Software Component	From	To	SAP Note/KBA	Title
EA-APPL	606	616	2246592	Equity group not derived from production-month value for CO doc line
EA-FIN	617	617	1048580	ABUMN: Transfer of asset causes error AAPO107
EA-FIN	617	700	1015949	Material project not taken into account for JV document
EA-FIN	617	700	1628393	Local currency amounts incorrect in JV CO doc when the CO currencies are not identical with the FI currencies
EA-FIN	617	700	1703266	FB01: Venture data not re-derived when changing cost object
EA-FIN	617	700	1714826	Error GJ100 when using BAPI_FIXEDASSET_OVRTAKE_CREATE
EA-FIN	617	700	1762393	G5750 when posting a MM document with MIGO and CRP pricing
EA-FIN	617	700	1772444	Switching off classic JV doc derivation if NewGL der. active
EA-FIN	617	700	1810676	No cost object derived for periodic asset postings
EA-FIN	617	700	1837906	Wrong venture derived when changing cost center with AS02
EA-FIN	617	700	2167898	Quantity and unit of measure in FI and JVA document not identical
EA-FIN	617	700	2176181	Speeding up the equity group derivation
EA-FIN	617	700	2190662	GJ17: Wrong equity group set in documents
EA-FIN	617	700	2246592	Equity group not derived from production-month value for CO doc line

Software Component	From	To	SAP Note/KBA	Title
S4CORE	1000	1000	1015949	Material project not taken into account for JV document
S4CORE	1000	1000	1628393	Local currency amounts incorrect in JV CO doc when the CO currencies are not identical with the FI currencies
S4CORE	1000	1000	2167898	Quantity and unit of measure in FI and JVA document not identical
S4CORE	1000	1000	2190662	GJ17: Wrong equity group set in documents
S4CORE	1000	1000	2246592	Equity group not derived from production-month value for CO doc line
S4CORE	1000	1001	1714826	Error GJ100 when using BAPI_FIXEDASSET_OVRTAKE_CREATE
S4CORE	1000	1001	1810676	No cost object derived for periodic asset postings
S4CORE	1000	1001	1837906	Wrong venture derived when changing cost center with AS02
S4CORE	1000	1001	2127723	Real estate controlling: Contract as object in CO functions
S4CORE	1000	1001	2176181	Speeding up the equity group derivation
S4CORE	1007	1009	3224746	GJFARM: Adding "Block Old EG for Postings" checkbox and functionality
S4CORE	1009	1009	8721510	Adding option to derive equity group from posting date
S4CORE	1009	1009	3609955	When the production month functionality is active, wrong equity groups can be derived for CO documents
SAP_FIN	617	730	2176181	Speeding up the equity group derivation

Software Component	From	To	SAP Note/KBA	Title
SAP_FIN	618	618	1837906	Wrong venture derived when changing cost center with AS02
SAP_FIN	618	720	1628393	Local currency amounts incorrect in JV CO doc when the CO currencies are not identical with the FI currencies
SAP_FIN	618	720	2246592	Equity group not derived from production-month value for CO doc line
SAP_FIN	618	730	1015949	Material project not taken into account for JV document
SAP_FIN	618	730	1714826	Error GJ100 when using BAPI_FIXEDASSET_OVRTAKE_CREATE
SAP_FIN	618	730	1810676	No cost object derived for periodic asset postings
SAP_FIN	618	730	2028441	Incorrect equity group in settlement documents
SAP_FIN	618	730	2167898	Quantity and unit of measure in FI and JVA document not identical
SAP_FIN	618	730	2190662	GJ17: Wrong equity group set in documents
SAP_FIN	618	730	2369896	Error GJ100 when posting an MM document with cost objects without JV data
SAP_FIN	720	720	1772444	Switching off classic JV doc derivation if NewGL der. active
SAP_FIN	720	720	2137314	Joint Venture Accounting with SAP Simple Finance powered by SAP HANA
SAP_FIN	720	730	1837906	Wrong venture derived when changing cost center with AS02

Authorizations

To maintain the maintenance view T8JBT, configuration authorizations via authorization group `JVCU` are required.

Customizing

You can choose between the following configuration options:

- Option I: Derive the equity group from the posting date for selected CO business processes.
- Option II: Derive the equity group from the posting date for all postings without exception.

In addition, a maintenance view is available to define the specific CO processes for which posting date-based derivation should be applied when using the selective approach.

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 FPS02

4.2.7.6 Maintain JIB/JIBE Mappings for Multiple Company Codes

Business Details

With this feature, you can maintain common mappings for company codes that have the same billing requirements and assign them to the relevant JIB/JIBE classes, subclasses, and accounts. This reduces maintenance effort and helps ensure consistent mappings across company codes.

Previously, JIB/JIBE mappings were maintained separately for each company code because the company code was part of the mapping key. As a result, identical mappings had to be created and maintained multiple times. With the new *Maintain JIB/JIBE Mappings for Company Code Sets (GJ68G)* app to define JIB/JIBE class and account set mappings for multiple company codes in a single maintenance object.

> **Note**
>
> The mappings maintained in the *GJ68G* app are considered during billing extract creation and are displayed accordingly in the *Display Billing Extract (GJ13A)* app.

Implementation Details

Use the *GJ68G* app to define and maintain JIB/JIBE class and account set mappings for the relevant company codes. Multiple company codes can share a single mapping when their requirements are the same.

Authorizations

The authorization requirements remain unchanged and are the same as for transactions *GJ68* and *GJ68N*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3F7
Technical Object Name	GJ68G
Application Component	CA-JVA-JVA (*Joint Venture Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Maintain JIB/JIBE Mappings for Multiple Company Codes

4.3 Treasury Management

4.3.1 Cash and Liquidity Management

4.3.1.1 Bank Account Interest Management

Business Details

New apps for bank account interest management have been introduced to help you automate bank account interest calculations. Companies need to validate that bank interest payments and charges are accurate by comparing internally calculated values with bank statements. Manual calculations are time-consuming and error-prone, especially with large numbers of accounts and varying interest terms. These new apps address this challenge by providing a systematic and automated solution for interest calculation and management. This helps you identify discrepancies and prevent overcharges for your company's current accounts in a more efficient and transparent approach.

The following new apps work together to streamline the interest validation process:

- *Manage Bank Account Interest Conditions* (`F9017`): Define and maintain interest conditions that reflect your bank contracts (interest rates, calculation methods, frequencies).
- *Schedule Jobs for Bank Account Interest Calculation* (`F9016`): Schedule jobs to calculate bank account interest automatically for selected bank accounts and periods.
- *Monitor Bank Account Interest* (`F9015`): Review calculation results and analyze detailed breakdowns.

For more information about how to configure interest conditions, schedule calculation jobs, and understand how the system calculates interest for your bank accounts, see Calculating Bank Account Interest.

Implementation Details

Authorizations

To use the new apps, business users need access to one or more of the following IAM apps depending on their role:

- *Manage Bank Account Interest Conditions* (`F9017_TRAN`) – for users who define and maintain interest conditions
- *Schedule Jobs for Bank Account Interest Calculation* (`F9016_TRAN`) – for users who execute calculation jobs
- *Monitor Bank Account Interest* (`F9015_TRAN`) – for users who review and validate calculation results

Customizing

Before using this app, ensure the following activities have been configured:

- Bank accounts to be calculated are assigned with the bank account contract type *Current Account* in the *Manage Bank Accounts* (`F1366A`) app.

Bank account interest calculation works only for current accounts. Fixed deposits or other investment products are not included. Correct contract type assignments ensure only relevant bank accounts are taken into calculation.

- Bank account master data are maintained with proper bank group, bank key, country/region, and currency assignments for correct condition assignments.
- Closing available balances (EoD) or closing value date balances (EoD) are available for your bank accounts. Bank account interest calculation is based on available balances or value date balances from end-of-day bank statements. For more information about balance types, see Manage Bank Account Balances.
- (Optional) Define authorization groups in the configuration activity *Define Authorization Groups for Interest Conditions* (`107201`).
  In this app, you can assign an authorization group to each condition so that only authorized users can access the bank account interest condition. If a bank account interest condition is not assigned with an authorization group, the system only checks the users' read or write access to the restriction type `F_CLM_BAIC`.
- (Optional) Set up factory calendars for holiday handling.
  Factory calendars are required if you need to configure working date shift for due dates in conditions. You can set up factory calendars using the configuration activity *Assign Calendar* (`104111`).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	200 (Bank Fee Management)

Technical Object Name	App ID:
	`F9017`
	`F9016`
	`F9015`

Application Component	`FIN-FSCM-CLM-BAM` (*Bank Account Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Calculating Bank Account Interest
Manage Bank Account Interest Conditions
Schedule Jobs for Bank Account Interest Calculation
Monitor Bank Account Interest

4.3.1.2 Cash Snapshots in Short-Term Cash Positioning

Business Details

In the *Short-Term Cash Positioning* app, you can now capture cash snapshots using the *Capture Snapshot* button and load cash snapshots for cash position analysis using the *Snapshot* filter.

A cash snapshot is a set of cash-related data marked with a specific timestamp, capturing details such as cash flows and bank account balances. It can be used to track and analyze your historical cash data. In addition to this app, you could also use the new apps *Manage Cash Snapshots* (`F8962`) and *Schedule Jobs for Cash Snapshots* (`F8945`) to capture and manage your cash snapshots. For more information, see New Apps for Cash Snapshots [page 183].

Implementation Details

Authorizations

To enable users to use cash snapshot functions in the *Short-Term Cash Positioning* app, ensure their business users are assigned with the IAM app *Short-Term Cash Positioning* (`F5380`)with access to the restriction type `BUKRS` (`Company Code`):

- Capture cash snapshots: Write access required
- Load cash snapshots: Read access required

Customizing

To use the cash snapshot function, ensure that you have defined the following settings in your configuration environment:

- Define a number range for cash snapshot using Transaction SNRO for object name - `FCLM_SNST`
- Enable the *Snapshot* option in the Define Basic Settings configuration. The path is *SPRO* > *Financial Supply Chain Management* > *Cash and Liquidity Management* > *General Settings* > *Define Basic Settings*.
- Check the *Days for Recorded Snapshot* setting in the *Define Basic Settings* configuration.
  This setting defines the retention period for cash flow snapshots, including the current date. A technical background job automatically deletes cash flows that fall outside this period. Once the associated cash flows are deleted, the related cash snapshot will be changed to the status *Invalid* and it will no longer be displayable. Therefore, please consider this setting carefully when defining the retention period for cash flow snapshots.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	J78 (Advanced Cash Operations)
Technical Object Name	App ID: `F5380`
Application Component	`FIN-FSCM-CLM-COP` (*Cash and Liquidity Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

4.3.1.3 New Apps for Cash Snapshots

Business Details

You can now manage cash snapshots using the new app *Manage Cash Snapshots* (`F8962`) and Schedule Jobs for Cash Snapshots (`F8945`). A cash snapshot is a set of cash-related data marked with a specific timestamp, capturing details such as cash flows and bank account balances. It can be used to track and analyze your historical cash data.

You can load captured snapshots for analysis using the *Short-Term Cash Positioning* app (`F5380`). For more information, see Cash Snapshots in Short-Term Cash Positioning [page 182].

With the *Manage Cash Snapshots* app, you can do the following:

- Manually create cash snapshots.
- Display all cash snapshots that are captured manually or via scheduled jobs.
- Delete cash snapshots that are no longer needed.

For more information, see Manage Cash Snapshots.

With the *Schedule Jobs for Cash Snapshots* app, you can do the following:

- Create and schedule jobs for cash snapshots according to your requirements
- Capture cash snapshots using the template *Create Cash Snapshots*
  With this template, you can customize your cash snapshots in several ways. For instance, you can specify a cash position profile for captures and create meaningful snapshot descriptions by using various attributes including the key date, cash position profile, as well as free input texts.
- Delete cash snapshots using the template *Delete Cash Snapshots*
- View the results of the scheduled jobs.

For more information, see Schedule Jobs for Cash Snapshots.

Implementation Details

Authorizations

To enable users to use the two new apps, ensure their business users are assigned with the IAM app *Manage Cash Snapshots* (F8962) and *Schedule Jobs for Cash Snapshots* (F8945).

Customizing

To use the two new apps, ensure that you have defined the following settings in your configuration environment:

- Define a number range for cash snapshot using Transaction SNRO for object name - FCLM_SNST
- Enable the *Snapshot* option in the Define Basic Settings configuration. The path is *SPRO* > *Financial Supply Chain Management* > *Cash and Liquidity Management* > *General Settings* > *Define Basic Settings*.
- Check the *Days for Recorded Snapshot* setting in the *Define Basic Settings* configuration.
  This setting defines the retention period for cash flow snapshots, including the current date. A technical background job automatically deletes cash flows that fall outside this period. Once the associated cash flows are deleted, the related cash snapshot will be changed to the status *Invalid* and it will no longer be displayable. Therefore, please consider this setting carefully when defining the retention period for cash flow snapshots.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	J78 (Advanced Cash Operations)
Technical Object Name	App ID: F8945 F8962
Application Component	FIN-FSCM-CLM-COP (*Cash and Liquidity Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

4.3.1.4 Snapshot Purpose for Cash Snapshots

Business Details

New applications *Manage Cash Snapshot* (F8962) and *Schedule Jobs for Cash Snapshots* (F8945) capture cash snapshots for cash position data and liquidity analysis data. To differentiate the intended use of cash

snapshots, the *Snapshot Purpose* field has been added. The snapshot purpose can be either *Cash Position* or *Liquidity Analysis*.

In both the Manage Cash Snapshots app (F8962) and the Schedule Jobs for Cash Snapshots app (F8945), it is now required to specify a snapshot purpose when capturing snapshots, either manually or using a scheduled job. The snapshot purpose defines the intended use of the snapshot you are going to capture. For each snapshot or snapshot job, you can select only one purpose. As a result, the captured snapshots can only be used in apps that are relevant to their designated purpose:

- Snapshots with the purpose *Cash Position* can be displayed in the *Short-Term Cash Positioning* app (`F5380`).
  When you capture snapshots manually in the *Short-Term Cash Positioning* app, the snapshots are automatically assigned with the purpose *Cash Position*.
- Snapshots with the purpose *Liquidity Analysis* can be displayed in the *Actual Liquidity Analysis* app (`F7923`).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	J78 (Advanced Cash Operations)

Technical Object Name	App ID:
	`F8945`
	`F8962`
	`F5380`
	`F7923`

Application Component	`FIN-FSCM-CLM-COP` (*Cash Operations*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

4.3.1.5 New Filters in Cash Flow Analyzer

Business Details

The *Cash Flow Analyzer* app (`F2332`) has been enhanced with additional filters, offering improved integration with functions such as the new cash flow reconciliation model. These enhancements enable you to customize reports to meet your specific needs and obtain more precise insights.

The following filters have been added:

- *Cash Flow View for Accounting*:
  You can use this filter to decide whether to display cash positions cash flows or liquidity analysis cash flows when the accounting scope is set as *Cash Position & Liquidity Analysis* in the configuration activity *Define Source Application Accounting* (`105487`).

  > **Note**
  >
  > If the accounting scope is set as *Cash Position Only* or *Liquidity Analysis Only*, corresponding cash flows are displayed in this app without considering the filter setting.
  >
  > For example, when the accounting scope is set to *Cash Position Only*, the app displays cash position cash flows even if *Liquidity Analysis* is selected in the filter.

- *Consider Intraday Reconciliation Results* and *Consider End-of-Day Reconciliation Results*:
  You can use these filters to exclude forecasted flows that have been reconciled using the *Reconcile Cash Flows* app (`F3418A`) or the *Schedule Jobs for Cash Flow Reconciliation* app (`F5283`). For more information, see Performing Cash Flow Reconciliations.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	`BFB`(Basic Cash Operations) `J78`(Advanced Cash Operations)
Technical Object Name	App ID:`F2332`
Application Component	`FIN-FSCM-CLM-COP` (*Cash Operation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

4.3.1.6 Deprecated Apps for Intraday Memo Records Reconciliation

Business Details

With this feature, the apps *Reconcile Cash Flows - Intraday Memo Records* and *Schedule Intraday Memo Records Reconciliation* are deprecated from the SAP Fiori launchpad as of SAP S/4HANA Private Cloud FPS02. We recommend that you switch to the new reconciliation model and use the successor apps *Reconcile Cash Flows* and *Schedule Jobs for Cash Flow Reconciliation* as soon as possible. The successor apps offer new features such as reconciliation with end-of-day bank statements, customizable reconciliation steps based on various rules including custom reconciliation rules.

The following table compares the differences with the deprecated apps and the successor apps.

Feature Comparison: Automatic Reconciliation

	Old Reconciliation Model	New Reconciliation Model
App	Schedule Intraday Memo Records Reconciliation (Deprecated) (F5284)	Schedule Jobs for Cash Flow Reconciliation (F5283)
Reconciliation with end-of-day bank statements	Not supported	Supported
Reconciliation with intraday bank statements	Supported	Supported
Reconciliation on document level	Not supported	Supported
Reconciliation on line item level	Supported	Supported
Reconciliation steps	Not supported	Supported You can define reconciliation steps and choose from various reconciliation rules for automatic reconciliation, including your custom rule. For more information, see Schedule Jobs for Cash Flow Reconciliation.
Tolerance settings	Supported You define tolerance settings in the configuration activity *Define Tolerance Groups for Cash Flow Reconciliation*.	Supported You define tolerance settings directly in the Schedule Jobs for Cash Flow Reconciliation app.
Value date deviation for forecasted flows	Not supported Only forecasted cash flows with the same value date can reconcile with the bank statement flows.	Supported You can specify a date range for forecasted cash flows and define the deviation days allowed for reconciliation.

Feature Comparison: Manual Reconciliation

	Old Reconciliation Model	New Reconciliation Model
App	Reconcile Cash Flows - Intraday Memo Records (Deprecated) (F3418)	Reconcile Cash Flows - Intraday (F3418A)
Reconciliation with end-of-day bank statements	Not supported	Supported
Reconciliation with intraday bank statements	Supported	Supported
Reconciliation on bank account level	Not supported	Supported
Reconciliation on line item level	Supported	Supported
Creation of residual flows for future reconciliation	Not supported	Supported

	Old Reconciliation Model	New Reconciliation Model
Value date deviation for forecasted flows	Not supported Only forecasted cash flows with the same value date can reconcile with the bank statement flows.	Supported You can specify a date range for forecasted cash flows that can be considered in reconciliation.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	`J78`(Advanced Cash Operations)

Technical Object Name	App IDs:
	`F3418`
	`F5284`

Application Component	`FIN-FSCM-CLM-COP` (*Cash Operations*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

4.3.1.7 Enhancements for Memo Records 2.0

Business Details

With this feature, you can now configure automatic expiration for memo records to help you manage predictable and recurring cash flows efficiently such as payroll or utility payments. A new CDS view `I_MEMORECORD_2` and a new API service *Memo Record* are provided to enable external systems and consumers to manage memo records 2.0.

The following enhancements are available:

- You can now enable automatic expiration for memo records.
  When automatic expiration is enabled, you can enter a specific expiration time for memo records in the *Manage Memo Records 2.0* app. After the set time has passed, the expiration time will turn orange, alerting you that the memo record has expired, and you can proceed to deactivate the memo record if needed.
  The field *Expiration Time* has also been added to the memo record import template of the *Import Memo Records 2.0* app.
  Expired memo records are automatically excluded in the following apps:

- *Check Cash Flow Items* (F0735)
- *Cash Flow Analyzer* (F2332)
- *Short-Term Cash Positioning* (F5380)
- *Manage Cash Concentration* (F3265)
- *Schedule Jobs for Cash Concentration* (F3688)
- *Reconcile Cash Flows* (F3418A)
- *Schedule Jobs for Cash Flow Reconciliation* (F5283)
- *Reconcile Cash Flows - Intraday Memo Records (Deprecated)* (F3418)
- *Schedule Intraday Memo Records Reconciliaition (Deprecated)* (F5284)

For more information about how to enable automatic expiration for memo records, see the "Implementation Details" section below.

- A new memo record status *Reconciled* has been added. Memo records that have been reconciled in cash flow reconciliation are assigned with this status.
- A new CDS view **I_MEMORECORD_2** is released to help you retrieve detailed information about memo records in your system. This view works only for memo records 2.0. It includes fields such as memo record ID, description, amount, company code, memo record category, memo record type, and various attributes related to the memo record.
  For more information about the CDS view, see Memo Record.
- A new API *Memo Record* is available. This inbound OData service enables external systems and consumers to manage memo records 2.0 through API calls. You can use it to create memo records, read existing memo records, update memo records, activate and deactivate memo records, as well as mark memo records for deletion.
- The destruction object **FCLM_MEMO_RECORD** has been enhanced to allow you destroy memo records that have been reconciled.
- For more information, see Destroying Memo Records Using FCLM_MEMO_RECORD.

Implementation Details

To enable the automatic expiration of memo records, proceed as follows in your configuration environment:

- In the configuration activity *Define Memo Record Types*, select the *Auto Expiration* checkbox for memo record types that are relevant to automatic expiration.
- In the configuration activity *Manage Field Status Groups for Memo Records*, check your configuration settings to ensure the *Expiration Time* field is *not* set to suppressed.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	**BFB**(Basic Cash Operations)

Technical Object Name	App ID:`F2986A`
Application Component	`FIN-FSCM-CLM-COP` (*Cash Operations*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Memo Records 2.0

4.3.1.8 Enhancements for Reconcile Cash Flows

Business Details

With this feature, manual cash flow reconciliation with end-of-day bank statements is supported in the *Reconcile Cash Flows* app. You can now perform reconciliation for both end-of-day bank statements and intraday bank statements using this app. In addition, you can leverage the new automatic reconciliation app, *Schedule Jobs for Cash Flow Reconciliation*, prior to performing manual reconciliation. You can then use the *Reconcile Cash Flows* app to view results of automatic reconciliation and perform manual reconciliation when necessary.

The following enhancements are available:

- You can now perform reconciliation for end-of-day bank statements using the *Reconcile Cash Flows* app. The app was previously named *Reconcile Cash Flows - Intraday*. It has been renamed *Reconcile Cash Flows* as it now supported also reconciliation with end-of-day bank statements.
  For reconciliation with end-of-day bank statements, the following forecasted cash flows are considered:
  - General memo records 2.0 (certainty level `MEMO`, source application `MRMM2`)
  - Residual flows (certainty level `RFC`)
- The configuration activity *Define Profiles for Cash Flow Reconciliation* has been enhanced to support the creation of reconciliation profiles for end-of-day bank statements.
- In the *Reconcile Cash Flows* app, the *Value Date* filter has been split to two fields, allowing you to filter bank statement flows and forecasted flows separately. You can now set a value date for bank statement flows, and a date or date range for forecasted flows.
- In the configuration activity *Define Profiles for Cash Flow Reconciliation*, a new setting *Manual Residual Deactivation* is available for you to control whether memo records generated for residual flows should be deactivated automatically or manually.
- This setting is only available when you have specified a memo record type in the *Residual Forecast* field.
- In the configuration activity *Define Profiles for Cash Flow Reconciliation*, a new setting *Exchange Rate Type* is available for you to define a default exchange rate type for reconciliation. You may change the default exchange rate type when you perform reconciliation using the *Reconcile Cash Flows* app.

- In cash flow reconciliation, when forecasted cash flows use a currency different from the bank account currency, the currency will be converted to the bank account currency using the specified exchange rate type.

Implementation Details

Customizing

Configuration for End-of-Day Bank Statements

To perform reconciliation for end-of-day bank statements, make the following settings:

- Make sure you have made the required settings for using the *Reconcile Cash Flows* app.
  For more information, see Reconcile Cash Flows - Intraday.
- To reconcile end-of-day bank statements, in the configuration activity *Define Planning Levels for Bank Statements*, specify a default planning level for end-of-day bank statements.
- Define profiles for performing cash flow reconciliation with end-of-day bank statements in the *Define Profiles for Cash Flow Reconciliation* configuration activity.
  A new column *Reconciliation Strategy* is now available for you to define whether the profile is to be used for reconciliation of intraday bank statements or end-of-day bank statements.
  Once you set the reconciliation strategy for a profile, you cannot change it.
- To include a bank account in cash flow reconciliation with end-of-day bank statements, on the *Bank Relationship* tab of the *Manage Bank Accounts* app, set the *Reconcile Bank Statements (End of Day)* option.

Configuration for Deactivation of Residual Forecasts

In the configuration activity *Define Profiles for Cash Flow Reconciliation*, a new column *Disable Residual Deactivation* is added.

This setting is only available when you have specified a memo record type in the *Residual Forecast* field. You use this setting to control whether memo records generated for residual flows should be deactivated automatically or reserved for future reconciliation. Select the checkbox if you want to keep these memo records active for future reconciliation.

By default, automatic deactivation is enabled. With automatic deactivation, the system deactivates memo records for residual flows if either of the following conditions is met:

- An end-of-day bank statement is imported, and it has a bank statement date that is the same as or later than the value date of the residual flow.
- An intraday bank statement is imported, and it has a bank statement date that is later than the value date of the residual flow.

If you want to manually control the deactivation of residual flows, select the checkbox. This allows you to control when to deactivate memo records generated for residual flows.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	`J78`(Advanced Cash Operations)
Technical Object Name	App ID: `F3418A`
Application Component	`FIN-FSCM-CLM-COP` (*Cash Operations*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

4.3.2 Treasury and Risk Management

4.3.2.1 Report for German Foreign Trade Regulations with new AUSWIB1M Format

Business Details

With this feature, you get the new program *Report for German Foreign Trade Regulations (AUSWIB1M)* (transaction code `FTR_AWV`). The program generates the files with the new XML schema AWV-MELDUNG-AUSWIB1M and is the successor for the program *German AWV Statement Z5 and Z5A, Page 1: Money Market, Loans* (transaction code `FZ5A`) which generates the files with the old XML schema XMW/LIEFERUNG-AUSWI.

This program helps you to report the requirement stipulated by the German Foreign Trade and Payments Ordinance (Außenwirtschaftsverordnung – AWV, §§ 63–73) under which German companies must submit monthly reports on their foreign receivables and liabilities to the Deutsche Bundesbank. Companies are required to report if the total of their foreign receivables or the total of their foreign liabilities exceeds €6 million at the end of a calendar month. The program generates XML output files in the AUSWIB1M format (valid as of 2025) for electronic submission via the Bundesbank's NExt portal. The program covers two reporting areas:

- Receivables and liabilities from financial relations with foreign banks
- Receivables and liabilities from financial relations with foreign non-banks

The data records are read from the Money Market transactions of Treasury and Risk Management (FIN-FSCM-TRM) and Loan contracts of Loans Management (FS-CML). You can add additional positions via the BAdI FTVV_AWV_Z5_Z5AP1 without modifying the report.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1WV
Technical Object Name	Transaction Code: `FTR_AWV`
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Report for German Foreign Trade Regulations (AUSWIB1M)

4.3.2.2 FX Balance Sheet Exposure – Optimized Correlation Hedging

Business Details

With this feature, the *Generate Balance Sheet Exposure Hedge Request* app has been enhanced with the optimized correlation hedging. The new function delivers clear, actionable hedging recommendations, complete with detailed rationale and financial impact analysis for each decision, empowering the Treasury department to execute a more strategic, efficient, and cost-aware FX risk management strategy.

The core of the solution is a tiered hedging strategy that the model decides explicitly on. It selects the most appropriate hedging mechanism for each exposure by evaluating:

- Natural Hedges: Exposures of opposite sign cancel each other out, including exposures in other but correlated currencies, thereby reducing the number of required transactions.
- Direct Hedges: Traditional hedging for currencies with low correlation or significant standalone exposure.
- Proxy Hedges: FX forward transactions in different but correlated currency. There are dedicated proxy hedges and portfolio proxy hedges. Within portfolio proxy hedges one source hedges multiple target currencies simultaneously.

These are the objectives of optimized correlation hedging:

- Minimize transaction count
- Minimize costs for forward points
- Achieve custom overall portfolio coverage, for example, 80-100%

The optimized correlation hedging is built upon a mathematical optimization formulation called Mixed-Integer Linear Program (MILP) that uses mathematical accuracy to model this intricate business problem. Finally, the program provides clear, actionable hedge recommendations that include detailed justification and financial impact analysis for each decision, empowering treasury to implement a more strategic, efficient, and cost-aware FX risk management strategy. The system then uses a large language model that generates the hedging report as a PDF with an overview of all hedging relationships, a detailed coverage analysis, and important insights and reasons behind the hedges.

Before you start the *Optimized Correlation Hedging* function, make sure that the required exchange rates and correlation coefficient rates are up to date. Calculate correlation coefficient rates using *Statistics Calculator* (transaction `TVS1`) or directly upload them using *Enter Correlations* (transaction `CORR_MAINTAIN`) or *Import Statistical Data* (transaction `TVMD`). For more information, see also Market Data Management.

> **Note**
>
> Use of this AI-assisted feature may require additional entitlement and authorization. Please consult your SAP account executive for more information.

Implementation Details

Configuration

- Business Configuration
  - *Define Settings - Balance Sheet FX Risk* (App ID: `FXM_KF_DEF`)
    Make the required setting on the following new tab pages:
    - *Correlation Hedging: General Configuration*
      Enter the following values required for the usage of the Optimized Correlation Hedging function available in the Generate Balance Sheet Exposure Hedge Requests app:
      - Target Hedge Ratio (in %)
        The hedge ratio is the proportion of a position that is protected against price risk through offsetting investments. It is expressed as a percentage of the total exposure and indicates how much of an exposure is hedged.
      - Correlat. Type
        The correlation type is an entity used for classifying correlations. Further descriptive parameters are linked to the correlation type. Choose the relevant correlation type.
      - Volatility Type
        Choose the relevant volatility type.
      - Vol. Tolerance
        The currency volatility tolerance is used during currency correlation hedging to identify correlated currencies that deviate below the defined volatility tolerance threshold.
      - Proxy Threshold
        The minimum absolute correlation coefficient (|ρ|) required between two currencies for one to be used as a proxy hedge for the other.

        > **Example**
        >
        > If you define a threshold of 0.70, a USD asset and a CAD liability with the same value in EUR and a correlation of 0.90 for the USD/CAD currency pair qualify as a natural offset pair. Therefore, no FX forward transaction is required; the exposures balance each other.

> If you define a threshold value of 0.80, a USD/CAD correlation of 0.90 allows the use of EUR/CAD forward transactions to cover a USD exposure.
>
> A USD/BRL correlation of 0.60 does not allow an exposure in one of the currencies to be hedged by a forward transaction in the other currency of the currency pair.

- Natural Threshold
  The minimum absolute correlation coefficient (|ρ|) required between two exposure currencies for them to be recognized as a natural offset pair.

  > ### Example
  >
  > If you define a threshold of 0.70, a USD asset and a CAD liability with the same absolute value in EUR and a correlation of 0.90 for the USD/CAD currency pair qualify as a natural offset pair. Therefore, no FX forward transaction is required; the exposures balance each other.

- Correlation Hedging: Tradable Currencies
  Enter the relevant tradable currencies required for the usage of the *Optimized Correlation Hedging* function available in the *Generate Balance Sheet Exposure Hedge Requests* app and assign a rank for your favorite currencies.

- Technical Configuration
  - Setting Up the External MILP Solver
    To use the optimized correlation hedging, the External MILP Solver service must be installed and configured. Follow the instructions in 1686826 to install the SCM optimization service.
    To verify that the setup is correct, run transaction *RCCF: Edit Destinations* (`RCC_CUST`) and confirm that the entry for the `MILP` *External MILP Solver* service has the status *Active*.
  - Setting Up the Intelligent Scenario for AI-Generated Reports
    The system uses a large language model (LLM) to generate the hedging report. To enable this, set up the intelligent scenario as described below.
    1. Connecting the Scenario to SAP BTP
       1. Run transaction *Maintain Intelligent Scenario Connections* (`ISLM_CONN_MAP`) and choose *Create Connection* button.
       2. Choose `FXM_REPORT_WRITER` as the intelligent scenario and then choose *Next*.
       3. Enter the service key from the AI Core instance in SAP BTP and select *Next*. The system automatically creates the RFC destination and `OAuth 2.0` client configuration.
       4. Run the *Connection Check* to validate the connection. Verify that the status changes to *Ready*, then choose *Save*.
    2. Deploying and Activating the Model
       1. Open the Intelligent Scenario Management app and search for `FXM_REPORT_WRITER` (Assign yourself the role `SAP_BR_ANALYTICS_SPECIALIST` to access the app).
       2. Select > to open the details page, then select the model `REPORT_WRITER_GEMINI`, again select > and then deploy the default training.
       3. Select *Deploy and Monitor* to confirm. The deployment status initially shows *Deployment Pending* — this typically takes around 10 minutes.
       4. Once the status changes to *Deployed*, select the deployment and select *Activate*.
       5. Choose *For All* and confirm with *Activate For All*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1X1
Technical Object Name	App ID: `FXM_REQUEST`
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Optimized Correlation Hedging
Generate Balance Sheet Exposure Hedge Requests

4.3.2.3 IR Risk: New Fair Value Hedge Scenario for Issued Bonds

Business Details

With this feature, you can make a fair value hedge of an issued bond with an interest rate swap using the new scenario `165` *FVH: Bond(Liability) Hedged w. IRS - hypothetical derivative* in accordance with the applicable regulations for hedge transactions (IFRS 9). You can cover FVHs using a hedging relationship with hedge accounting for the designated subpositions.

With this hedging scenario, you can assign your issued bonds (hedged items), which you have hedged against market value fluctuations with an interest rate swap (hedging instrument), within a hedging relationship.

For a valuation during the term of the hedging relationship, the security valuation is posted to the P&L (profit and loss statement). The value is calculated based on a hypothetical derivative. The relevant new hedge accounting rule is `350` *Amortization / Hedge Adjustment P&L / Hypoth. Derivative*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1WV
Technical Object Name	
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Hedge Accounting for Positions (P-HA)
HA Rule 350: Amortization / Hedge Adjustment P&L / Hypoth. Derivative

4.3.2.4 Linear Regression with Historical Market Data (Retrospective Effectiveness Test)

Business Details

With this feature, you can execute retrospective effectiveness tests for your hedging relationships in Hedge Accounting of Net Open Exposures with a linear regression method based on historical interest rates.

You can execute the retrospective effectiveness test using the *Manage Hedging Relationships* function (transaction `TPM100`) or with the *Perform Effectiveness Tests* function (transaction`TPM110`).

Implementation Details

Customizing

- Define an effectiveness test method with *Linear Regression with Historical Market Data* effectiveness test method category in the *Define Effectiveness Test Method* Customizing activity. The following fields are mandatory:
  - Effectiveness Test Method Category = **23**
  - Market Data Calculation Logic = **5**

- Number of data points
- Term
- Time Unit
- Calendar
- Criteria to determine whether the hedging relationship is effective or not, for example, R^2

Depending on the effective date of the hedging relationship, dates are determined backwards.

Example

- Number of data points = **2**
- Term = **1**
- Term unit = **DAY**
- Calendar = **01**
- Effective date = **01/15/2014**

The result would be two dates: January 14, 2014 and January 13, 2014.

These calculated dates are used as evaluation date in the effectiveness test. The horizon date is the validity date.

For the hedging instrument and the hedged item of the hedging relationship, the net present values are calculated with historical interest rates (in this example, for 01/14 and 01/13) and used as data points. For these data points, the linear regression is calculated to determine the regression statistics. These statistics are compared with the criteria defined in Customizing to decide whether the effective test was effective or not.

- In the *Define Hedging Profiles* Customizing activity, you can only assign the effective test method with *Linear Regression with Historical Market Data* effectiveness test method category as retrospective effectiveness test method to a hedging profile.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1X1
Technical Object Name	Transaction Code: `TPM110`
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Retrospective Effectiveness Test

4.3.2.5 Changed Authorization Check for Import Market Data App

Business Details

With this feature, the *Import Market Data* app checks the authorizarion for the following tables dependent on the market data category of the imported market data.

Market Data Category	Table
`01` Exchange Rates	`TCURR`
`02` Security Prices	`ATRAS`
`03` Interest Rates	`T056P`
`09` Basis Spreads	`TYC_BSPRD_MD`
`10` Credit Spreads	`TYC_CSPRD_MD`
`21` Forex Swap Rates	`AT15`
`30` Implied Volatilities	`ATVO5`
`31` Exchange Rate Volatilities	`ATCVO`
`32` Security Volatilities	`ATWVO`
`33` Interest Rate Volatilities	`ATIVO`
`41` Securities Factors	`VTB_FACTORVAL`

Implementation Details

Authorizations

Check whether the users who use the *Import Market Data* table are authorized for the corresponding tables. They must have permission to make changes to these tables.

Technical Details

Type	Changed
Functional Localization	No localization

Scope Item	`1XN`
Technical Object Name	App ID: `F2610`
Application Component	`FIN-FSCM-TRM` (*Treasury and Risk Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Import Market Data

4.3.2.6 OTC Transactions as Exposures in Hedge Management and Accounting for Net Open Exposures

Business Details

This feature enables you to hedge the FX risk of OTC transactions. The two new exposure data sources *OTC Transactions* and *OTC Transactions by Reference* are available.

The OTC transactions must have product types of the following product categories:

- `510` *Fixed-Term Deposit*
- `530` *Commercial Paper*
- `550` *Interest Rate Instrument*

For hedging areas with analysis item definition *By Reference*, the FX hedge request for exposure items of data source *OTC Transaction by Reference* also offers the instrument category *FX Swap*. The system then automatically determines the second leg of the FX swap from the exposure flows to create the FX hedge request for FX swaps.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	1X1
Technical Object Name	App ID: `TOE_HEDGING_AREA` 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 FPS02

Related Information

Hedging Area: Filters for Exposures
Creating an FX Hedge Request

4.4 Financial Operations

4.4.1 Receivables Management

4.4.1.1 Consistency Check for Integration with SAP S/4HANA Cloud for Credit Integration

Business Details

In the *Schedule Credit Management Jobs* app, a new section in the *Consistency Checks* job template helps you to identify errors in the integration with SAP S/4HANA Cloud for credit integration.

Find more information in the product assistance: Consistency Check: Checks for SAP S/4HANA Cloud for Credit Integration

Technical Details

Type	Changed
Functional Localization	No localization

Scope Item	1RY (Credit Agency Integration)
Technical Object Name	App ID: `F3748` Job Template ID: `UKM_CHECK_MD`
Application Component	`FIN-FIO-CCD-CR` (*Fiori UI for Credit Management*) `FIN-FSCM-CR` (*Credit Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Schedule Credit Management Jobs

4.4.1.2 OData API: Accounts Receivable Dispute Case

Business Details

With the OData API *Accounts Receivable Dispute Case* (`API_ARDISPUTECASE`), you can now maintain dispute cases in Accounts Receivable (FI-AR). You can create, read, and update dispute cases, link FI-AR documents and business partners to cases, and manage notes and attachments.

The Accounts Receivable Dispute Case API (`ARDisputeCase`) provides synchronous inbound service capabilities for managing dispute cases in FI-AR. This API allows you to automate dispute case management processes by integrating with external systems or building custom applications.

Key capabilities include:

- Creating, reading, and updating dispute cases with comprehensive dispute case data.
- Linking disputed objects such as business partners and FI-AR documents to cases using the `AssignJrnlEntrItmToDisputeCase` action.
- Managing case lifecycle through `Cancel` and `ReopenDisputeCase` actions.
- Adding notes and attachments to dispute cases for comprehensive documentation.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_ARDISPUTECASE`
Application Component	`FIN-FIO-CCD-COL` (*Fiori-UI for Collections and Dispute Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Accounts Receivable Dispute Case

4.4.1.3 Partial Down Payments Processing

Business Details

With this feature, you can process partial down payments for customer and supplier transactions. The *Post Incoming Payments* and *Post Outgoing Payments* apps can be used to record the partial payments. The original down payment request and the partial payment remain open until you post the remaining amount.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F1612` App ID: `F1345`
Application Component	`FI-FIO-AP-TRA` (*Post Outgoing Payments*) `FI-FIO-AR-TRA`(*Post Incoming Payments*

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Handling of Partial Down Payments

4.4.2 Travel Management

4.4.2.1 Travel and Expense Apps Based on SAP Fiori Elements for OData V4

Business Details

The following apps are replacing the deprecated apps with the latest technology in terms of accessibility, usability, security, data protection and privacy requirements, and performance:

- *My Travel and Expenses for Business Traveler (Version 4)* (F6190A) replaces *My Travel and Expenses for Business Traveler (Deprecated)* (F6190)
- *Travel and Expenses for Travel Assistant (Version 4)* (F0584C) replaces *Travel and Expenses for Travel Assistant (Deprecated)* (F0584B)

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

Implementation Details

If you need to create a support incident, use component FI-FIO-TV-MTE.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	App IDs: • `F0584C` • `F6190A`
Application Component	`FI-TV-COS` (*Travel Expenses*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

My Travel and Expenses for Business Traveler (Version 4)
My Travel and Expenses for Business Traveler (Deprecated)
Travel and Expenses for Travel Assistant (Version 4)
Travel and Expenses for Travel Assistant (Deprecated)

4.4.2.2 Deprecation of Travel and Expense Apps (Version 3)

Business Details

The following apps are deprecated, please use the successor apps instead:

Deprecated App	Successor App
My Travel and Expenses for Business Traveler (Deprecated) (F6190)	My Travel and Expenses for Business Traveler (Version 4) (F6190A)
Travel and Expenses for Travel Assistant (Deprecated) (F0584B)	Travel and Expenses for Travel Assistant (Version 4) (F0584C)

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

Implementation Details

If you need to create a support incident, use component FI-FIO-TV-MTE.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App IDs: • `F0584B` • `F6190`
Application Component	`FI-TV-COS` (*Travel Expenses*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

4.4.3 Financing with SAP Taulia

4.4.3.1 Document Types for Dynamic Discount Credit Memos

Business Details

As a business configuration expert, you can now define document types for posting dynamic discount credit memos in payables financing by using the *Define Settings for Dynamic Discount Credit Memos* (ID: `107204`) configuration activity.

As a business configuration expert, you can now define document types for posting dynamic discount credit memos in payables financing by using the Define Settings for Dynamic Discount Credit Memos (ID: 107204) configuration activity.

Implementation Details

Configuration

In your configuration environment, use the search function to open the *Define Settings for Dynamic Discount Credit Memos* (ID: `107204`) activity and define document types as needed.

To access it via SPRO, go to *IMG* > *Financial Accounting* > *Accounts Receivable and Account Payable* > *Business Transactions* > *Financing* > *Payables Financing* > *Define Settings for Dynamic Discount Credit Memos*.

> **Note**
>
> Document types for net invoices, such as KN and RN, cannot be used.

Example

In this activity, you create the following entries:

Company Code	Document Type
0001	RE
	DZ

The following rules are created according to this table:

- For company code 0001, a dynamic discount credit memo is posted with the *RE (Invoice - Gross)* document type.
- For all other company codes, the *DZ (Customer Payment)* document type is used.

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	Configuration activity ID: `107204`
Application Component	• `FI-FIO-AP` (*Fiori UI for Accounts Payable*) • `FI-AP-AP-PF` (*Payables Financing*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Payables Financing
Customizing for Payables Financing
Dynamic Discounting with Credit Memos

4.4.3.2 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.

Document Type

The credit memo is posted with the document type defined in the *Define Settings for Dynamic Discount Credit Memos* customizing activity. If no document type is defined for the related company code, the credit memo inherits the document type of the associated leading invoice during posting.

For more information on this activity, see Customizing for Payables Financing

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.
  4. To define the document types for posting dynamic discount credit memos in Payables Financing, maintain the doc type in *Define Settings for Dynamic Discount Credit Memos*.

> ⓘ 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
Valid as Of	2025 FPS02

4.5 Billing and Revenue Innovation Management

4.5.1 Convergent Invoicing

4.5.1.1 OData API: Convergent Invoicing Invoice Adjustment Request

Business Details

With this feature, you can use the OData API Convergent Invoicing Invoice Adjustment Request to create, read, and update invoice adjustment requests in Convergent Invoicing.

This API is available 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	API: `CAInvoiceAdjustmentRequest`
Application Component	`FI-CA-INV` (*Convergent Invoicing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Convergent Invoicing Invoice Adjustment Request

4.5.1.2 Rating Reversal in Consumption Item Management

Business Details

With this feature, you can start a rating reversal for one or more rated consumption items in the apps for processing consumption items. It is still possible to start a rating reversal for a consumption item by reversing the related billable item.

In the *Manage Consumption Items* app, you can reverse the rating immediately. Rated consumption items that are reversed immediately are reset to status *Ratable* or *Ratable - excepted*, depending on the selected processing rule for billable items. In the *Display of Consumption Items* app, you can choose whether to reverse the rating immediately or to create a reversal request (for the related billable item), which is processed later.

Changes to the User Interface

There is a new button *Reverse Rating* in the following apps:

- *Manage Consumption Items* (`F3410`)
- *Display of Consumption Items* (`FKKBIXCIT_MON`)

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`FKKBIXCIT_MON`
	`F3410`

Application Component	`FI-CA-INV` (*Convergent Invoicing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Reversal of Consumption Items

4.5.2 Contract Accounting

4.5.2.1 Correspondence Recipients in the Provider Contract Items

Business Details

When replicating subscriptions from SAP Subscription Billing to provider contracts, you can transfer the bill recipient maintained in the subscription header to the corresponding provider contract items as the correspondence recipient. To enable this, activate the *Transfer Bill-to Party* indicator in Customizing.

During correspondence creation, the system determines the recipient as follows:

1. If a correspondence recipient is defined in the provider contract items, and the same recipient is set in all items, correspondence is sent to that recipient.
2. If no recipient is defined in the provider contract items, or different recipients are defined across items, the system falls back to the contract account.
3. If no recipient is defined in the contract account either, correspondence is sent to the standard recipient defined for the business partner.

Implementation Details

Customizing

Set the *Transfer Bill-to Party* indicator in Customizing for *Contract Accounts Receivable and Payable* under *Integration* > *SAP Subscription Billing* > *Define Specifications for Data Transfer from SAP Subscription Billing*.

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 FPS02

Related Information

Displaying and Changing Provider Contracts
Determining Correspondence-Specific Data

4.5.2.2 CDS Views for Contract Accounting

Business Details

The CDS views `I_CAReturnLot` (*Contract Accounting Returns Lot*) and `I_CAReturnLotItem` (*Contract Accounting Returns Lot Item*) are now available for key user extensibility

Implementation Details

Authorizations

Users who want to use the CDS views must have the following authorization objects assigned:

- `F_KKKO_BUK` (*FI-CA Document in Contract Accounts Receivable and Payable: Company Code Authorization*)
- `F_KKKO_GSB` (*FI-CA Document in Contract Accounts Receivable and Payable: Business Area Authotization*)
- `F_KKRK` (*FI-CA Returns Lot in Contract A/R + A/P*)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	CDS view: `I_CAReturnLot` CDS view: `I_CAReturnLotItem`
Application Component	`FI-CA` (*Contract Accounts Receivable and Payable*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Contract Accounting Returns Lot
Contract Accounting Returns Lot Item

4.5.3 Subscription Order Management

4.5.3.1 Enhanced Purchase Order References in Subscription Contracts

Business Details

The following enhancements have been made to effectively manage purchase order reference details in subscription contracts to reduce delays and disputes in billing and payments, and lower the risk of invoice rejections:

- The *Reference Expiry Date* field is now available on the header and item level while creating a subscription order or a solution quotation. The purchase order expiry date enables you to enter an expiry date or end date of purchase orders on subscription contracts. This feature helps service providers proactively manage purchase order validity.
- The purchase order required flag, *PO Ref Required Indicator*, is now available to determine whether the purchase order references are mandatory for subscription transactions. This feature helps proactive invoice management by identifying missing purchase order information early on in the process of contract creation, thus improving coordination between service providers and customers.

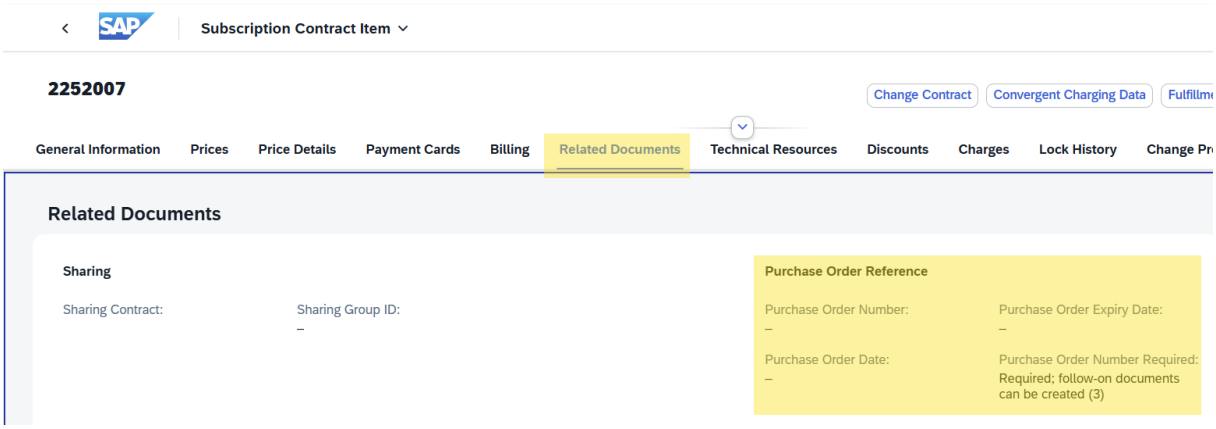
You can either add or update the purchase order number and expiry date using the new change process, *Change PO Reference*.

The purchase order expiry date is now available in the following APIs:

- Read at the header and item level in the `Subscription Contract - Read` OData API.
- Manage at the header and item level in the `Subscription Order (Version 0002)` OData API.
- Manage at the subscription item level in the `Solution Quotation (A2X)` OData API.

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.



Purchase Order Details - Manage Subscription Contract Item Details (Old Version)

Implementation Details

Customizing

You can set the default system behavior if users do not provide a purchase order number when submitting a subscription order or accepting a solution quotation. Set this by selecting a default value for the *PO Ref Required Indicator* in Customizing *Service* > *Transactions* > *Settings for Subscription Transactions* > *Checks for Purchase Order Reference*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	API:
	`SubscriptionOrder`
	`API_SUBSCRIPTIONCONTRACT`
	`API_BUS_SOLUTION_QUOTATION_SRV`
	Change process name:
	`CHANGE_PO` (*Change PO Reference*)

Application Component	`CRM-S4-SOM` (*S4CRM: Subscription Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Purchase Order Numbers in Subscription Items
Change PO Reference
Subscription Contract Header
Subscription Contract Item
Subscription Order Header
Subscription Order Item
Subscription Related Item

4.5.3.2 Deprecation of Subscription Contract Lifecycle Fiori Apps

Business Details

The following Fiori apps are planned for deprecation and will be deleted from the SAP Fiori launchpad in an upcoming release:

- *Manage Subscription Contract Lifecycle (Old Version)*
- *Manage Subscription Contract Item Details (Old Version)*
- *Manage Subscription Contract Lifecycle (Old Version)*
- *Display Charging Date for Subscription Contracts (Old Version)*

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

- *Manage Subscription Contract Lifecycle (New Version)*
- *Manage Subscription Contract Item Details (New Version)*

- *Manage Subscription Contract Lifecycle (New Version)*
- *Display Charging Date for Subscription Contracts (New Version)*

With the successor apps mentioned above, you benefit from state-of-the-art functionality for viewing the subscription contract, contract item, and contract document details, as well as contract-relevant data retrieved from SAP Convergent Charging. Additionally, the progress monitor provides a comprehensive visualization of all related documents and dependencies for subscription contracts in SAP S/4HANA Cloud Private Edition.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F6193`
	`F6487`
	`F5597`
	`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 FPS02

Related Information

Manage Subscription Contract Lifecycle (New Version)
Manage Subscription Contract Item Details (New Version)
Display Charging Data for Subscription Contracts (New Version)
Manage Subscription Contract Documents (New Version)

4.5.3.3 Credit Check Enabled On A Distributed Landscape

Business Details

Subscription Order Management now supports integration with SAP Credit Management (`FIN-FSCM-CR`) in a distributed system landscape. This means that your organization can run Subscription Order Management,

Contract Invoicing (CI), and FI-CA on one system while SAP Credit Management (`FIN-FSCM-CR`) runs on a separate system.

The following processes are enabled for this feature:

- You can now perform credit checks across separate systems.
- The credit exposure data is retrieved remotely using a secure RFC connection.
- All core credit check processes in Subscription Order Management are supported in the distributed landscape.

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 FPS02

Related Information

Enabling Credit Check on Subscription Items

4.5.3.4 Payment Card Integration in Fiori Apps for Subscription Order Management

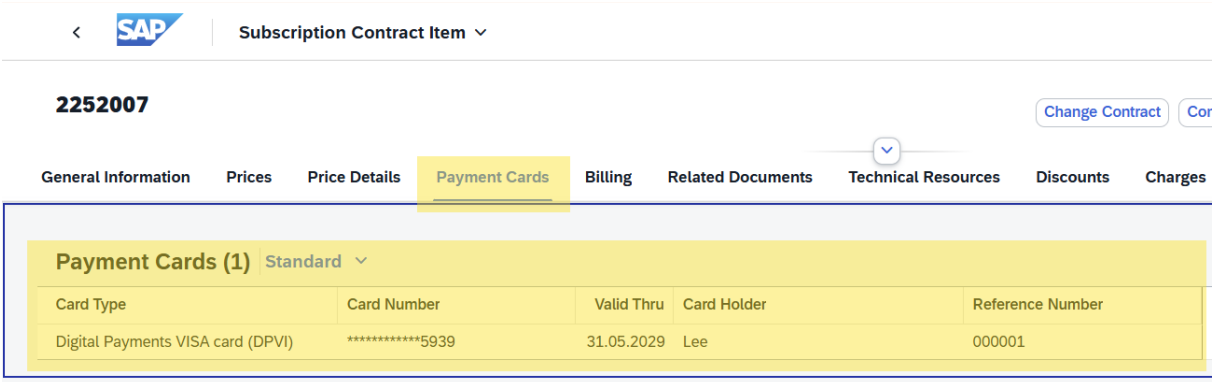
Business Details

Payment card information is now displayed in the *Manage Subscription Contract Documents (Old Version)* and *Manage Subscription Contract Lifecycle (Old Version)* Fiori apps using SAP Digital Payments Add-On tokens. This feature enables secure display of payment card information in subscription contract documents and subscription contract items without storing personal card data, retrieving details at runtime through API calls while maintaining data privacy and security compliance.

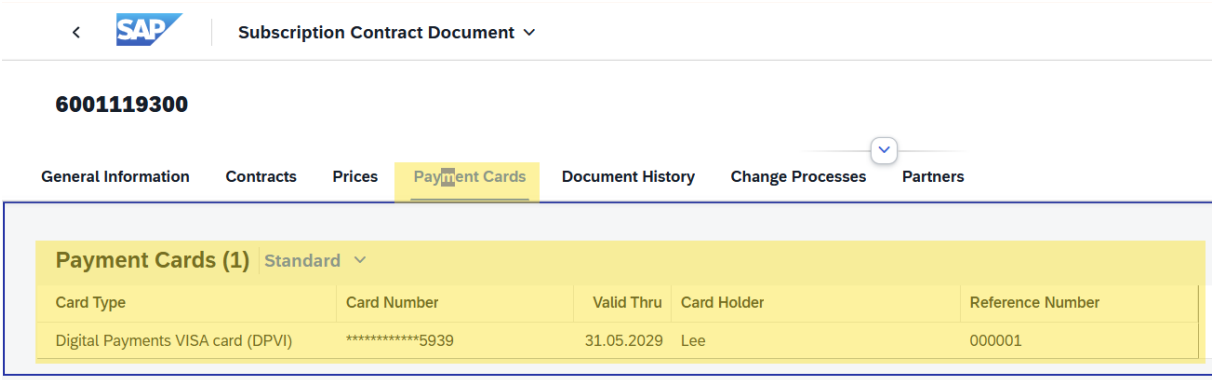
> **Note**
>
> Payment card information is available by default in the *Manage Subscription Contract Documents (New Version)* and *Manage Subscription Contract Lifecycle (New Version)* Fiori apps.

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.



Payment Cards View - Manage Subscription Contract Item Details (Old Version)



Payment Cards View - Manage Subscription Contract Documents (Old Version)

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`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 FPS02

Related Information

Manage Subscription Contract Item Details (Old Version)
Manage Subscription Contract Documents (Old Version)

4.5.3.5 New Change Processes for Subscription Contracts

Business Details

The following change processes have been enabled to enhance your experience with subscription contracts:

- The *Change Delivery Plan* change process enables users to modify delivery quantities directly at the recurring sales item level, streamlining management of equipment-as-a-service business models where physical hardware subscriptions require flexible delivery adjustments without creating separate change orders.
- The *Cancel* (within grace period) change process enables you to cancel subscription contracts that have reached their end date but are still within the grace period. This feature enables business users to process customer cancellations after the contract end date, ensuring flexibility in handling subscription terminations during the allowed grace period while maintaining proper validation rules.

The *Cancel* change process has also been enhanced so that you can now perform future dated cancellations on phased subscription contracts.

Implementation Details

Customizing

The new change processes are available in Customizing ▶ *Service* ▶ *Transactions* ▶ *Settings for Subscription Transactions* ▶ *Contract Changes* ▶ *Settings for the Maintenance Framework (BTMF)* ▶

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Change process name: `CHANGE_DELV_PLAN` (*Change Delivery Plan*) `CANCEL_EXPIRED` (*Cancel*)
Application Component	`CRM-S4-SOM` (*S4CRM: Subscription Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Change Delivery Plan
Cancel (Within Grace Period)
Cancel

4.6 Governance, Risk, and Compliance for Finance

4.6.1 International Trade

4.6.1.1 Integration with SAP Watch List Screening

4.6.1.1.1 Delta Screening in SAP Watch List Screening

Business Details

This feature enables you to use Delta Screening in SAP Watch List Screening. Screening requests sent to SAP Watch List Screening are now kept active for up to one month. As long as the requests are active for delta screening, SAP Watch List Screening performs delta screenings of these requests against changes on the watch lists and updates the request status accordingly. The postprocessing job fetches these updates from SAP Watch List Screening and updates business partners and documents accordingly. For additional details, refer to Integration with SAP Watch List Screening.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1WE (Restricted Party Screening with SAP Watch List Screening)
Technical Object Name	**App ID:** `F8016` **App ID:** `F3052` **App ID:** `F4285`
Application Component	`FT-ITR-INT-SCR` (*International Trade - Integration with SAP Watch List Screening*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

4.6.1.2 Intrastat

4.6.1.2.1 Archiving of Intrastat Declarations

Business Details

This feature enables you to archive Intrastat declarations. Intrastat declarations that have exceeded the legal residence time, can now be archived. For more details, refer to Archiving Intrastat Declarations Using Archiving Object /ECRS/RP.

> **Note**
>
> If you want to archive Intrastat declarations in SAP S/4HANA Cloud Private Edition/SAP S/4HANA 2023 and 2025, you have to implement SAP note 3696596 first.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	BDT (Intrastat Processing)
Technical Object Name	Not applicable
Application Component	`FT-ITR-ISR` *(International Trade – Intrastat Reporting)*
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

4.6.1.2.2 Retrieval of Individual Items from Aggregated Intrastat Items in Released Declarations

Business Details

With this feature, you enable users to filter and display all individual items that compose an aggregated item within a released Intrastat declaration.

Details

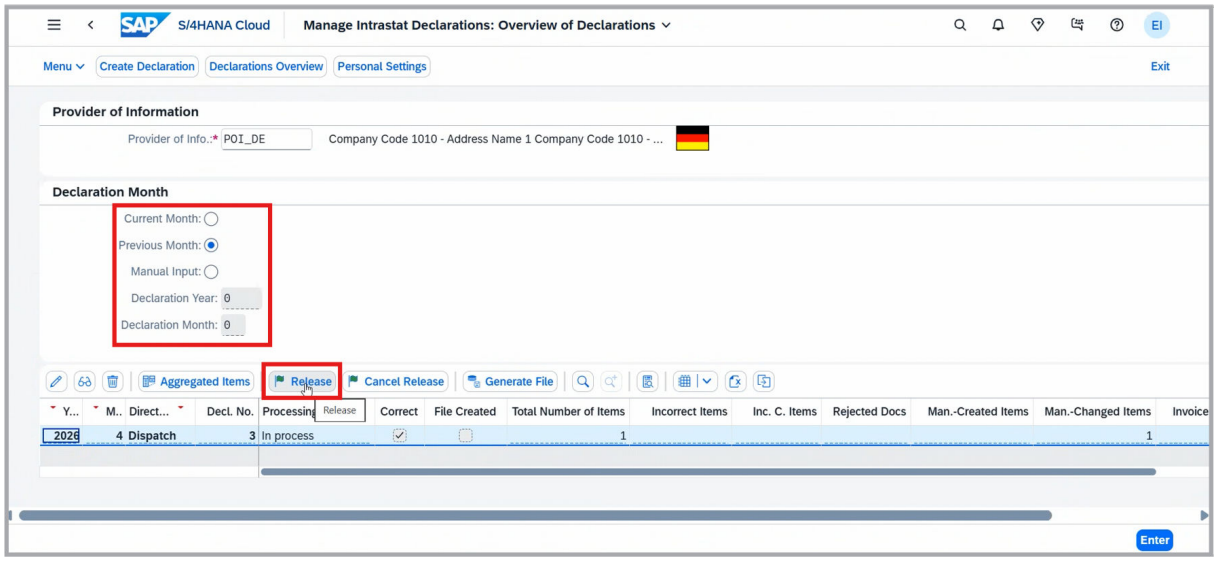
A new *Item Number* selection field has been added to the item overview (available only for released declarations)

An *Items* button has been introduced to the aggregated item detail screen that navigates to a prefiltered item overview

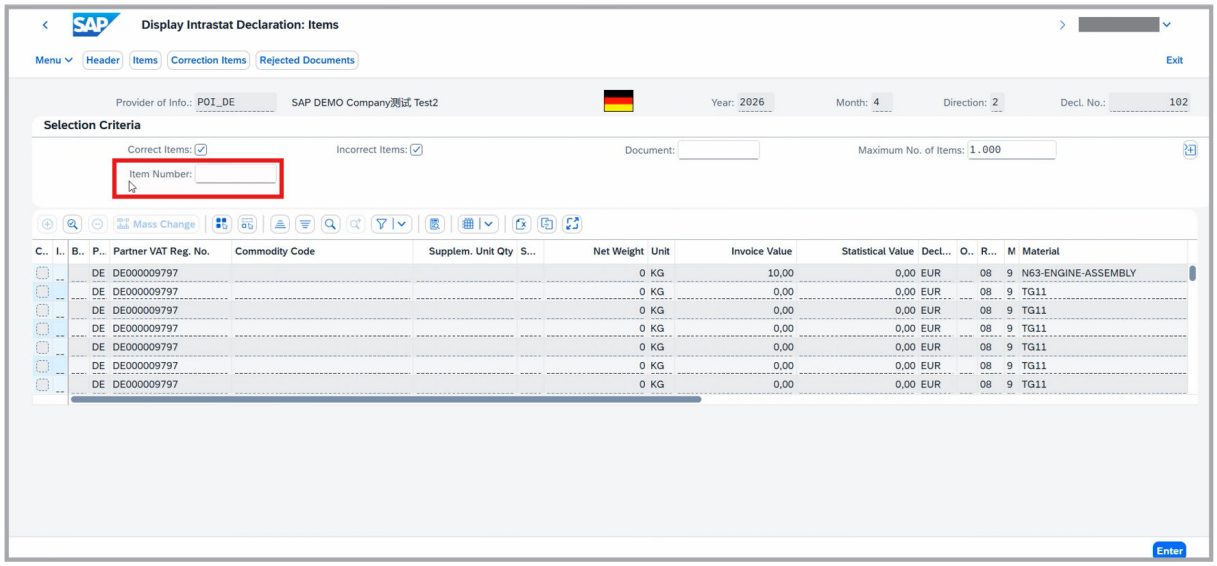
All item types are now supported, including *Item*, *Correction Item*, *Service Item*, *Correction Service Item*, and *Call-Off Stock Item*

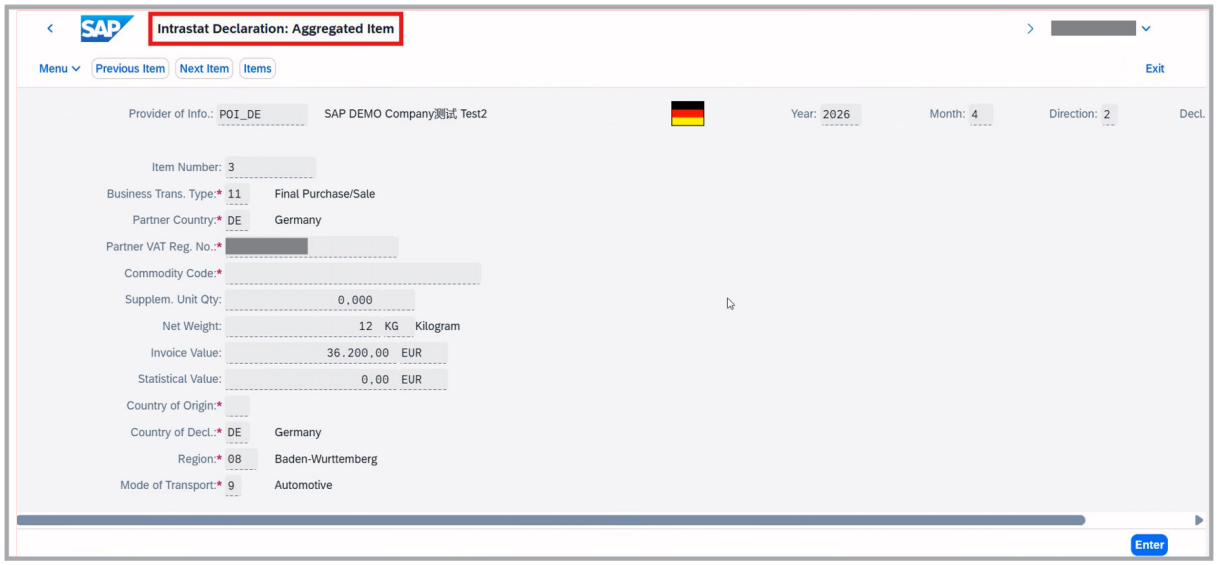
Examples of the User Interface

> **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.


S/4HANA Cloud
Manage Intrastat Declarations: Overview of Declarations
Menu
Create Declaration
Declarations Overview
Personal Settings
Exit
Provider of Information
Provider of Info.:* POI_DE
Company Code 1010 - Address Name 1 Company Code 1010 - ...
Declaration Month
Current Month:
Previous Month:
Manual Input:
Declaration Year: 0
Declaration Month: 0
Aggregated Items
Release
Cancel Release
Generate File
Y... M.. Direct... Decl. No. Processing Release Correct File Created Total Number of Items Incorrect Items Inc. C. Items Rejected Docs Man.-Created Items Man.-Changed Items Invoice
2026 4 Dispatch 3 In process 1 1
Enter


Intrastat Declaration: Aggregated Item
Menu
Previous Item
Next Item
Items
Items Overview (F6)
Exit
Provider of Info.: POI_DE
SAP DEMO Company测试 Test2
Year: 2026
Month: 4
Direction: 2
Decl.
Item Number: 3
Business Trans. Type:* 11 Final Purchase/Sale
Partner Country:* DE Germany
Partner VAT Reg. No.:*
Commodity Code:*
Supplem. Unit Qty: 0,000
Net Weight: 12 KG Kilogram
Invoice Value: 36.200,00 EUR
Statistical Value: 0,00 EUR
Country of Origin:*
Country of Decl.:* DE Germany
Region:* 08 Baden-Wurttemberg
Mode of Transport:* 9 Automotive
Enter


Display Intrastat Declaration: Items
Menu
Header
Items
Correction Items
Rejected Documents
Exit
Provider of Info.: POI_DE
SAP DEMO Company测试 Test2
Year: 2026
Month: 4
Direction: 2
Decl. No.: 102
Selection Criteria
Correct Items:
Incorrect Items:
Document:
Maximum No. of Items: 1.000
Item Number:
Mass Change
C.. I.. B.. P.. Partner VAT Reg. No. Commodity Code Supplem. Unit Qty S... Net Weight Unit Invoice Value Statistical Value Decl... O.. R... M Material
DE DE000009797 0 KG 10,00 0,00 EUR 08 9 N63-ENGINE-ASSEMBLY
DE DE000009797 0 KG 0,00 0,00 EUR 08 9 TG11
DE DE000009797 0 KG 0,00 0,00 EUR 08 9 TG11
DE DE000009797 0 KG 0,00 0,00 EUR 08 9 TG11
DE DE000009797 0 KG 0,00 0,00 EUR 08 9 TG11
DE DE000009797 0 KG 0,00 0,00 EUR 08 9 TG11
DE DE000009797 0 KG 0,00 0,00 EUR 08 9 TG11
Enter



Technical Details

Type	New
Functional Localization	No localization
Scope Item	BDT (Intrastat Processing)
Technical Object Name	Not applicable
Application Component	`FT-ITR-ISR` *(International Trade – Intrastat Reporting)*
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

4.6.1.2.3 Optimization of Filtering and Performance in Intrastat Declarations

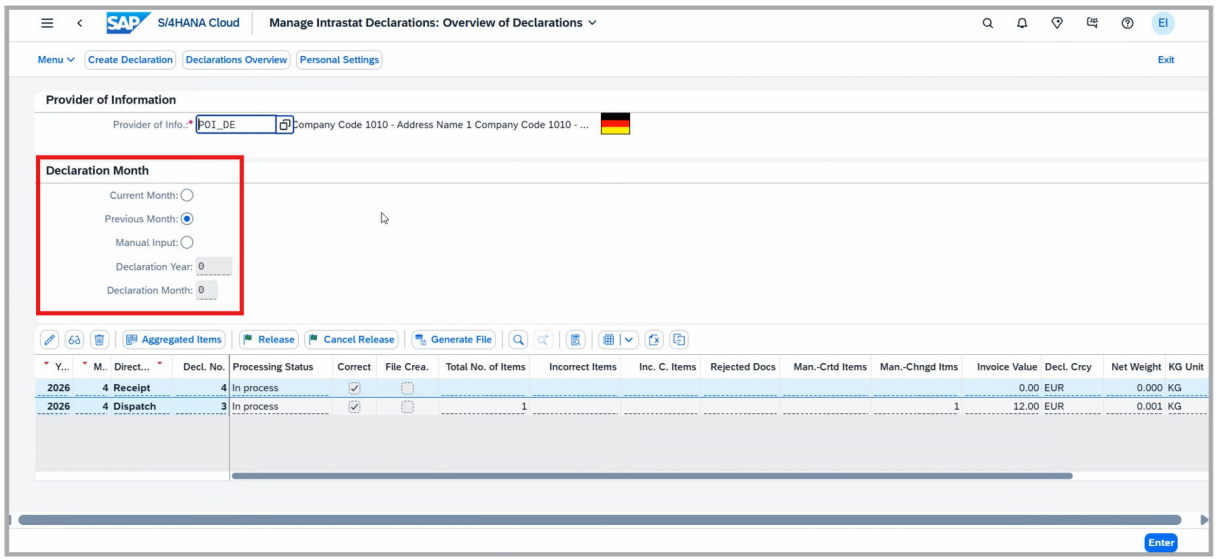
Business Details

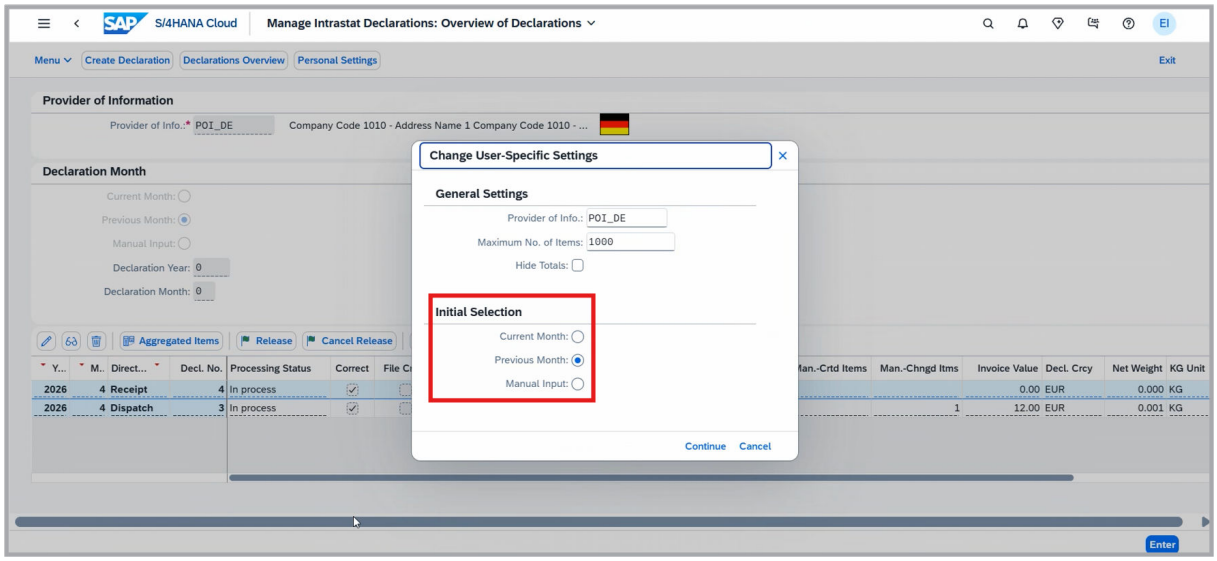
With this feature, you can use selection restrictions in the *Manage Intrastat Declarations* app.

With this feature, you can use selection restrictions in the Manage Intrastat Declarations app.

Examples of the User Interface

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





Technical Details

Type	New

Functional Localization	No localization
Scope Item	BDT (Intrastat Processing)
Technical Object Name	Not applicable
Application Component	`FT-ITR-ISR` *(International Trade – Intrastat Reporting)*
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

4.6.1.2.4 VAT Group Reporting Supported in Intrastat Solution

Business Details

With this feature, you can create Intrastat declarations for VAT groups. For additional information, refer to SAP Note 3648778.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	BDT (Intrastat Processing)
Technical Object Name	Not applicable
Application Component	`FT-ITR-ISR` *(International Trade – Intrastat Reporting)*
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

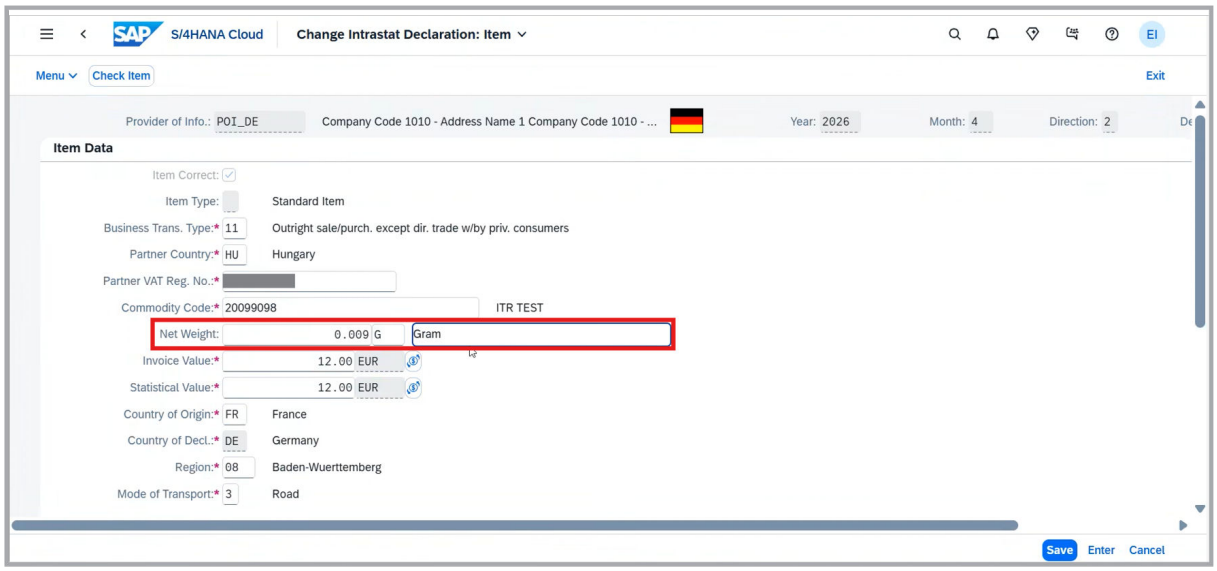
4.6.1.2.5 Support for Low Weights in the Intrastat Declaration Item

Business Details

This feature enables you to receive support for low weights in the Intrastat declaration item. It enables you to enter weights less than one gram for Intrastat declaration items to reflect true product masses.

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	BDT (Intrastat Processing)
Technical Object Name	Not applicable
Application Component	`FT-ITR-ISR` *(International Trade – Intrastat Reporting)*

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

4.7 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 Approve Leave Requests

Business Details

With the transactional Fiori app *Approve Leave Requests*, managers can approve or reject leave requests for their direct reports, easily and flexibly from their SAP Fiori *My Inbox* app. Key information for the approval decision is available at a glance, including a team calendar that shows overlapping leave requests.

Key Features:

- Browse all requests submitted for approval in a personalized inbox
- View details for specific requests any comments relating to the request
- View a team calendar that shows overlapping leave requests if there are leave conflicts
- Approve or reject requests (with optional note to the requester)
- View attachments
- Open the Quick View to display additional details of employees, such as the contact information, office location and their manager

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2584A` *Approve Leave Request*
Application Component	`PA-FIO-LEA` (*Approve Leave Request*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

5.2 BAdI for Payroll Control Record Status Change

Business Details

The Business Add-In (BAdI) `HRPAY99_B_PCR_CHANGE` is triggered whenever the payroll control record status is saved in transaction `PA03`.

Allows consuming systems to react to changes in the payroll control record status. For example, *Employee Central Payroll* (ECP) implementations can receive notifications when the payroll control record status changes, monitor the availability of payroll results, and notify employees as soon as their payroll results become available.

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	`HRPAY99_B_PCR_CHANGE`
Application Component	`PY-XX`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

5.3 Country/Region Specifics

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

5.4 My Leave Requests

Business Details

My Leave Requests

Key Features:

- Create leave requests, including partial day leave
- Use multi level approval
- Create attendances like training, business trip
- Add a note for the approver
- Display a summary of employees leave entitlement, leave taken so far, and available balance
- Display employees leave requests and check their approval status
- Withdraw or change leave requests
- Add and view attachments
- Maintain data for another employee on-behalf
- If *Concurrent Employment* (CE) is activated in your system, managers who have multiple contracts of employment can use the *Select Employment* button to switch between their contracts and the corresponding teams. For more information, see Concurrent Employment

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	App ID: `F1311B` *My Leave Request*
Application Component	`PA-FIO-LEA` (*My Leave Request*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

5.5 My Team

Business Details

With the transactional Fiori app *My Team*, managers can access a centralized overview of their direct reports. The app consolidates key employee information, such as personal data, organizational details, compensation information, and time management data. Managers can perform HR actions on behalf of their employees directly from within the application.

Key Features:

- Display your team in an overview
- View information of different categories for each employee
- See the most-used communication data for an employee
- Execute employee self-services (SAP Fiori apps) on behalf of your employees
- View the employee's profile of a direct report with additional information and visualizations
- Open the Quick View to display additional details of employees, such as the contact information, office location and their manager
- If *Concurrent Employment* (CE) is activated in your system, managers who have multiple contracts of employment can use the *Select Employment* button to switch between their contracts and the corresponding teams. For more information, see Concurrent Employment

Technical Details

Type	New
Functional Localization	No Localization
Scope Item	Not applicable
Technical Object Name	App ID: `F4941A` *My Team*
Application Component	`PA-FIO-MT` (*My Team*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

6 Manufacturing

6.1 Environment, Health, and Safety

6.1.1 Foundation

6.1.1.1 Task Responsibilities Update During an Active Workflow

Business Details

This feature enables you to change the owner and the approver of standard tasks and tasks with approval during an active workflow. This provides greater flexibility when you need to adapt to organizational changes or correct assignments without interrupting the workflow. Previously, you could only change the assignee.

The new *Update Responsibilities* button is introduced and offers the following options, depending on the task type: *Change Assignee*, *Change Owner*, and *Change Approver*.

This feature applies to tasks of the types *Task* and *Task with Approval* that have a status of *Due* or *Overdue*.

> **Note**
>
> This feature is available as of:
>
> - SAP S/4HANA and SAP S/4HANA Cloud Private Edition 2025 FPS02
> - SAP S/4HANA and SAP S/4HANA Cloud Private Edition 2023 SPS06

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2529` (*Task Instance*)
Application Component	`EHS-SUS-FND-EHS` (*Sustainability Foundation for Environment, Health, and Safety*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Display Task Instance
Concepts in Task Management

6.1.2 Incident Management

6.1.2.1 App Extensibility: Report Incident (Key User)

Business Details

With this feature, as a key user, you can extend the *Report Incident* app (`F1992`) according to your business needs.

> **Note**
>
> This feature is available as of:
>
> - SAP S/4HANA and SAP S/4HANA Cloud Private Edition 2023 SPS06
> - SAP S/4HANA and SAP S/4HANA Cloud Private Edition 2025 FPS02

Implementation Details

You can create and edit custom fields to enhance applications using the *Custom Fields* app. You can add fields to the following UI elements using key user adaptation:

Business Context	UI Technology	Navigation Path	UI Element Type
EHHSS_INC_ROOT (*EHS Incident Root*)	SAP Fiori	*Report Incident* app (edit and display mode)	Form
EHHSS_INC_BINFA (*EHS Incident Basic Information*)	SAP Fiori	*Report Incident* app (edit and display mode)	Form

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 Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

App Extensibility: Report Incident (Key User)
Extensibility

6.1.2.2 Custom Determination of Responsible Incident Managers

Business Details

This feature gives you the flexibility to ensure that incident work item notifications always reach the right people in your organization. Rather than relying solely on the predefined location-based assignments, you can implement a Business Add-In (BAdI) to route incidents according to your organizational structure and accountability model — for example, to the direct manager of an injured person.

Implementation Details

Implement the following BAdI and define your custom determination logic: `BADI_EHHSS_INC_WF_RESP_PER` (*Responsible Person Determination in Incident Workflow*).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: `BADI_EHHSS_INC_WF_RESP_PER`
Application Component	`EHS-SUS-IM` (*Incident Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Reporting Incidents

6.1.2.3 Deprecated Analytical Apps (APF)

Business Details

The following apps are deprecated as of SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2025 FPS02 and will be deleted from the SAP Fiori launchpad in an upcoming release:

- `F2628` (*Incidents - Detailed Analysis*)
- `F2103` (*Injuries and Illnesses - Detailed Analysis*, *Number of Recordable Cases - KPI Dashboard*)
- `F3986` (*Injury/Illness Log - Detailed Analysis*)
- `F3481` (*DART Rate*)
- `F3482` (*Incident Rate*)

> → Tip
>
> You can use the *Workplace Safety Overview* app (`F7512`) as an alternative to access similar analytical capabilities for workplace safety management. For more information on the key features of the app, see Workplace Safety Overview.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App IDs:
	`F2628`
	`F2103`
	`F3986`
	`F3481`
	`F3482`

Application Component	`EHS-SUS-IM` (*Incident Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Incidents - Detailed Analysis (Deprecated)
Injuries and Illnesses - Detailed Analysis (Deprecated)
Injury/Illness Log - Detailed Analysis (Deprecated)
Number of Recordable Cases (Deprecated)
Incident Rate (Deprecated)
DART Rate (Deprecated)

6.1.2.4 Replacement of Legacy PDF Forms

Business Details

Legacy PDF forms in *Incident Management* (`EHS-SUS-IM`) are now obsolete. These forms were used to generate read-only PDF reports directly from data records and as part of processes. To generate PDF reports for regulatory and internal reporting purposes, use the new SAP S/4HANA output management forms. SAP S/4HANA output management offers modern, scalable, and clean core-compliant document generation with enhanced integration capabilities. The new PDF forms use gateway services for data binding and retrieval instead of legacy interface structures and function modules.

The following table lists the legacy forms and their replacement forms.

Form Description	Legacy Form	Replacement Form
Initial Incident Record	`EHHSS_INC_AIF_ACT_EVENT_REP`	`EHHSS_INC_AIF_ACT_EVENT_REP_OM`
BG Incident Report (Germany)	`EHHSS_INC_AIF_BG`	`EHHSS_INC_AIF_BG_OM`
Log of Work-Related Injuries and Illnesses (OSHA 300)	`EHHSS_INC_AIF_OSHA300`	`EHHSS_INC_AIF_OSHA300_OM`
Summary of Work-Related Injuries and Illnesses (OSHA 300A)	`EHHSS_INC_AIF_OSHA300A`	`EHHSS_INC_AIF_OSHA300A_OM`
Injuries and Illnesses Incident Report (OSHA 301)	`EHHSS_INC_AIF_OSHA301`	`EHHSS_INC_AIF_OSHA301_OM`
Near Miss Summary	`EHHSS_INC_AIF_NEARMISS_FRM`	`EHHSS_INC_AIF_NEARMISS_FRM_OM`
Safety Observation Summary	`EHHSS_INC_AIF_SAFETYOBS_FRM`	`EHHSS_INC_AIF_SAFETYOBS_FRM_OM`
Investigation Summary	`EHHSS_INC_AIF_SUMMARY_REPORT`	`EHHSS_INC_AIF_SUMMARY_REP_OM`

> **Note**
>
> The legacy forms are still available in the system, but no further support, maintenance, or fixes are provided for them.

Implementation Details

Implement the new SAP S/4HANA output management PDF forms. Ensure any enhancements from the legacy forms are replicated in the new forms.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`EHS-SUS-IM` (*Incident Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Regulatory and Internal Reporting

6.1.3 Health and Safety Management

6.1.3.1 Deprecation of Chemical Inventory Reporting (F2721)

Business Details

The *Chemical Inventory Reporting* app (`F2721`) is deprecated as of SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2025 FPS02 and will be deleted from the SAP Fiori launchpad in an upcoming release.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2721` (*Chemical Inventory Reporting*)
Application Component	`EHS-SUS-HS` (*Health and Safety Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

6.1.3.2 Deprecation of Chemical Risk Report (F2161)

Business Details

The *Chemical Risk Report* app (`F2161`) is deprecated as of SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2025 FPS02 and will be deleted from the SAP Fiori launchpad in an upcoming release.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2161` (*Chemical Risk Report*)
Application Component	`EHS-SUS-HS` (*Health and Safety Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

6.1.4 Environment Management

6.1.4.1 Deprecation of Compliance Analysis

Business Details

The following app is deprecated as of SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2025 FPS02 and will be deleted from the SAP Fiori launchpad in an upcoming release:

- `F4599` (*Compliance Analysis*)

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F4599`
Application Component	`EHS-SUS-EM` (*Environment Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Compliance Analysis (Deprecated)

6.1.5 Management of Change

6.1.5.1 Management of Change Overview (Enhanced)

Business Details

The *Management of Change Overview* app (F8968) has been enhanced to give you a clearer, more actionable view of change processes in your organization. New and updated cards now present critical information at a glance — from active emergency and temporary changes to approaching reversal and closure deadlines. A new *Duration Type* filter also lets you focus on temporary or permanent change requests wherever relevant.

The following cards are introduced:

- *Active Emergency Changes*: breakdown of active emergency change requests by type
- *Emergency Change Requests Awaiting Approval*: list of emergency change requests awaiting approval with current status and planned approval date
- *Active Temporary Change Requests*: breakdown of active temporary change requests by type and status
- *Temporary Change Requests by Reversal Status*: list of temporary change requests with reversal status filter (overdue, due within 30 days, or due in more than 30 days)
- *Temporary Change Requests by Type and Reversal Status*: breakdown by type of temporary change requests that are overdue, due within 30 days, or due in more than 30 days
- *Change Requests by Closure Status*: list of change requests with closure status filter (overdue, due within 30 days, or due in more than 30 days)
- *Change Requests by Closure Date and Duration Type*: breakdown by type of temporary and permanent change requests that are overdue, due within 30 days, or due in more than 30 days
- *Change Requests by Status*: overview of change requests by status and type

The following cards have been updated:

- *Change Requests by Completion Status*: new filter by active, deferred, and completed statuses
- *Change Activities by Status*: new filter by open and completed activities

Additionally, the *Duration Type* filter is introduced that lets you display data for temporary or permanent change requests only, where applicable.

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.

Related Information

For more information on the key features of the *Management of Change Overview* app, see Management of Change Overview in the product assistance for *Management of Change*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8968`
Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

6.1.5.2 Restart Functionality for Change Requests

Business Details

This feature enables you to restart a change request partially or fully after the change implementation has started. You can respond to unforeseen circumstances that require design modifications while maintaining audit trails. Use the *Define Restart Settings for Change Activities* Customizing activity to configure which activity templates can initiate a restart and where the restart process stops in the activity hierarchy.

A new *Request Restart* button has been introduced in the *Edit Change Request* (`/MOC/WDA_CHANGE_REQUEST`) and the *Edit Change Activity* (`/MOC/WDA_ACTIVITY`) apps.

You can restart both permanent and temporary change requests that are in status *In Process*. When you restart a change request, the system handles activities differently based on where you initiate the restart:

- **Restart from the change request**: The system restarts all activities in the change request.
- **Restart from an activity**: To initiate a restart from a specific activity, you must be listed on the *People Involved* tab of this activity. The system restarts activities based on their dependencies and preconfigured restart endpoints. The restart process follows the activity hierarchy upward through predecessor activities and their subactivities until it reaches a defined endpoint.

When you request a restart, the system sets the change request and activity statuses to *Restart Requested*. Users listed on the *People Involved* tab of the change request can then approve or decline the restart. After approval, the system cancels the relevant activities and redetermines participants and activities. The canceled activities remain in the system for audit purposes. You can use the *Hide Canceled* and *Show Canceled* buttons to maintain a clear view of current work or view a history of canceled activities, respectively.

Implementation Details

Initiating a change request restart starts a workflow event that you can configure with a custom workflow. For example, you can configure notifications to people involved or approval steps. For more information, see Setting Up Workflows.

Customizing

Use the new *Define Restart Settings for Change Activities* Customizing activity to configure the restart functionality as follows:

- Specify which activity templates can initiate a restart and display the *Request Restart* action.
- Designate specific activities as restart endpoints in the activity hierarchy.

When you enable restart for an activity template, the following change activities can also initiate a restart and display the *Request Restart* action:

- The activity's subactivities at all levels.
- The activity's successor activities and their subactivities at all levels.

Related Information

For more information on the restart functionality for change requests, see Restart Change Request in the product assistance for *Management of Change*.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App IDs:
	`/MOC/WDA_CHANGE_REQUEST`
	`/MOC/WDA_ACTIVITY`

Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

6.1.5.3 Multiple Predecessor Activities with Configurable Dependencies

Business Details

With this feature, you can now manage more complex activity relationships within your change requests. Previously limited to single predecessors, you can now assign multiple predecessor activities to a single change activity and configure how these dependencies affect your project timeline. You can define whether predecessor activities must be completed before their successor can start and whether the system recalculates planned dates of the successor after completion of the predecessor.

Configurable Schedule Impact and Completion Requirements

For each predecessor activity, you can control two key aspects in the *Predecessors* table in the activity details panel:

- *Affects Schedule*: Controls whether the system automatically recalculates the planned start and due dates of the successor activity when the predecessor is completed.
- *Completion Required*: Controls whether the predecessor activity must be completed before the successor activity can start.

You can find the activity details panel on the *Activities* tab of the *Edit Change Request* app (`/MOC/WDA_CHANGE_REQUEST`) by selecting an activity without choosing the navigation link.

Dependency Visualization

A dependency graph is available for any activity showing its direct and indirect predecessors. You can find this graph in the activity details panel by choosing the *(Show Dependencies)* icon and on the new *Dependencies* tab in the *Edit Change Activity* app (`/MOC/WDA_ACTIVITY`).

Automatic Date Recalculation

The system now automatically calculates the planned start and due dates of activities in the hierarchy based on their dependencies and the *Affects Schedule* and *Completion Required* settings. This includes updating

the timeline to consider any changes in the predecessor hierarchy, the actual start and completion dates of activities, and any manually changed due dates.

As the dates are now calculated automatically, the *Recalculate Dates* button is no longer needed and has been removed.

Implementation Details

Customizing

Use the following Business Rule Framework Plus (BRFplus) application to configure default predecessor-successor relationships for activities: `/MOC/ISSUE_DETERM_MULTI_PRED` (*Multiple Predecessors Determination*). These configurations determine how the system evaluates activity dependencies in change requests.

In the *Define BRFplus Applications and Functions* Customizing activity, you can now configure the *Determine Activity Predecessors* purpose for determination.

> **Note**
>
> The configuration of single predecessor relationships in the *Define Change Request Types* and *Define Activity Templates* activities is deprecated as of SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2025 FPS02. The *Predecessor* column in the *Assign Activity Templates* subdialog will be removed in an upcoming release.

Effects on Existing Data

For records with previously configured single predecessor relationships, the *Affects Schedule* and *Completion Required* fields are set to *Yes* by default. These predecessors can't be edited or removed. At the first update of the activity record or any change to the change request that updates the activity hierarchy, the system migrates single predecessors to the new multiple predecessor format, and you can work with them as usual.

Related Information

For more information on change activities and their dependencies, see Activity in the product assistance for *Management of Change*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App IDs:
	`/MOC/WDA_CHANGE_REQUEST`
	`/MOC/WDA_ACTIVITY`

Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

6.1.5.4 Manual Activity Creation with Free Text

Business Details

With this feature, you can add activities to the activity hierarchy using free text, without relying on predefined templates. You can enter a custom activity description and select the responsible person when you create the activity. Previously, you could only add activities using predefined templates from Customizing. The activity description and responsible person were automatically set based on Business Rule Framework plus (BRFplus) rules. Now, you have the flexibility to create activities manually alongside the existing template-based option.

You can create an activity manually on the *Activities* tab of a change request. Choose *New Activity* and select *Same Level* (to add the activity at the top level or the same level as a selected activity) or *Sublevel* (to add the activity as a subactivity of a selected activity). Then, in the *Select Creation Method* dialog, choose *Create Manually*. In the *Create Activity* dialog, enter the activity description, type, and due date. The system populates the *Role* dropdown in the *Person Responsible* section with applicable roles based on your selected activity type.

Implementation Details

Customizing

To create an activity manually, you must select an activity type. Activity types and the applicable partner role settings are defined in the *Define Activity Type* Customizing activity.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID: `/MOC/WDA_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 FPS02

6.1.5.5 User Experience Improvements for Change Requests and Activities

Business Details

This feature enables you to manage activities in change requests more efficiently through an improved user interface. The new activity details side panel provides quick access to key information, allowing you to view and edit activity details without navigating away from the change request.

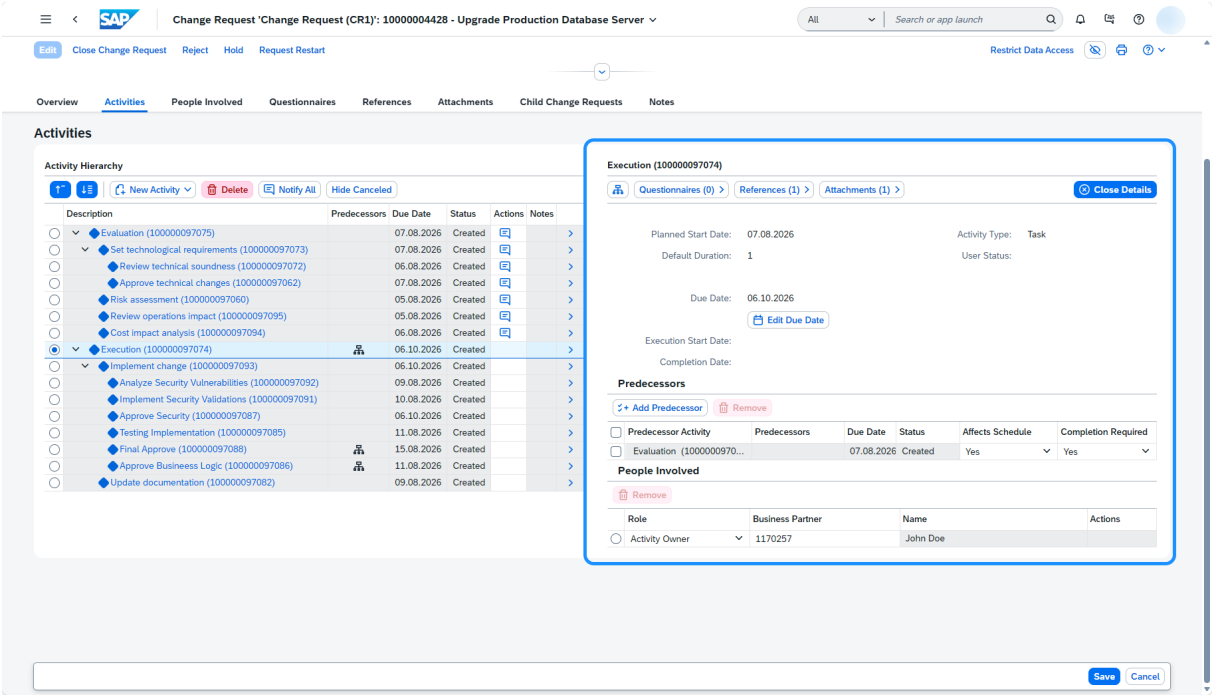
The following improvements have been introduced:

- Activity details side panel: When you select an activity in the activity hierarchy, a side panel opens on the right side of the screen. This panel displays:
  - Activity dates, user status, and type.
  - *Edit Due Date* button: You can adjust the activity due date or reset it to the default.
  - *Predecessors* table: You can view and edit predecessor activities and set the *Affects Schedule* and *Completion Required* fields for each predecessor. The *Add Predecessor* button has been relocated from its previous position above the activity hierarchy.
  - Activity dependency graph: To display a flowchart of all direct and indirect predecessors of the selected activity, select the *(Show Dependencies)* icon.
  - *People Involved*: You can view and edit people involved without navigating away from the change request.
  - Shortcut badges show the number of questionnaires, references, and attachments.
- The automatic sorting of activities based on predecessor dependencies is no longer applied. Activities retain their current order and are not automatically re-sorted.
- The *Edit Due Date* button is also available in the *Edit Change Activity* app.
- The activity dependency graph is also available on the *Dependencies* tab of the *Edit Change Activity* app.

Examples of the User Interface

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

The following screenshot shows the new activity details panel.



Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`/MOC/WDA_CHANGE_REQUEST`
	`/MOC/WDA_ACTIVITY`

Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

6.1.5.6 Change Request Field Requirements Updated

Business Details

Some fields in the change request user interface have been updated. These changes include adjustments to mandatory field requirements, the addition of new fields, and updates to field behavior and visibility.

The following fields in the change request user interface have been updated:

- *Leading Location*: This field has been updated from mandatory to optional. While no longer required, specifying a location remains a recommended best practice as it enables location-based filtering within the *Management of Change Overview* app (F8968) for more precise data analysis.
- *Duration*: This field has been updated from mandatory to optional. The possible values for selection are defined in the *Define Duration* Customizing activity.
- *Duration Type*: This field has been added to specify the type of duration, either *Temporary* or *Permanent*. The selected duration type controls the visibility of the relevant sections and fields.
- *Closure Date*: This field is now also visible for temporary change requests. It's read-only and automatically populated from the reversal date.

Implementation Details

Customizing

The *Define Duration* Customizing activity has been updated and now includes a *Duration Type* setting. In this activity, you define values that describe the duration of changes and specify whether changes are permanent or temporary.

Related Information

For more information on change requests, see Change Request in the product assistance for *Management of Change*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID: `/MOC/WDA_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 FPS02

6.1.5.7 Enhanced Attachment Management for Change Requests and Activities

Business Details

This feature introduces attachment handling capabilities for change requests and activities that reduce repetitive tasks and improve user experience:

- In-app preview: View attachments without downloading them.
- Mass download: Download multiple attachments as a ZIP archive or separate files.
- Multiple file upload: Upload multiple files at the same time.
- Drag-and-drop upload: Upload one or more files using drag-and-drop.

The *File* option has been removed from the dropdown list under the *Insert* button. Use the new *Upload* button to upload single or multiple files.

Implementation Details

Preview is only available for file types that your browser supports natively. If you'd like to preview other file formats, consider installing a browser extension or plugin designed for that specific file type.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App IDs:
	`/MOC/WDA_CHANGE_REQUEST`
	`/MOC/WDA_ACTIVITY`

Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

6.1.5.8 Notification for Multiple Activities

Business Details

With this feature, you can notify multiple activities at once using the *Notify All* button on the *Activities* tab in a change request. The system automatically enables selection for activities that support this action, while activities that don't support notification remain unselectable. This enhancement streamlines your workflow by eliminating the need to notify activities individually, saving time when processing change requests with multiple activities.

The *Notify All* button opens a dialog that displays the complete activity hierarchy. You can select all eligible activities at once or individually. The system respects predecessor dependencies such as the *Completion Required* setting. When you confirm your selection, the system triggers the standard notification action and any configured workflows for all selected activities simultaneously.

> ⓘ Note
>
> The existing *Automated Notify* functionality does not consider predecessor dependencies in the change request. This functionality only considers the status of the *Prerequisite Activities* defined in the *Define Change Request Types* Customizing activity.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `/MOC/WDA_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 FPS02

6.1.5.9 Substitute Management for Change Requests and Activities

Business Details

With this feature, you can designate substitutes to ensure continuous workflow management during absences. You can define planned substitutes for scheduled time-off periods or passive substitutes for unexpected absences using the *Manage My Substitutes* functionality in the *My Inbox* app (`F0862`). To view currently active substitutes, choose the *(Show Active Substitutes)* icon next to a person responsible in the *Edit Change Request* or *Edit Change Activity* apps.

As a **person responsible** for a change request or activity, you can designate substitutes for your responsibilities under *My Inbox* > *Profile* > *Manage My Substitutes*:

- For **planned absences**, use the *Planned* tab to specify the substitute user and define the start and end dates for the substitution.
- For **unplanned absences**, use the *Unplanned* tab to specify the substitute user. The substitute must accept the substitution in the *My Inbox* app before handling your tasks.

As a **planned active substitute**, you can process activities and change requests of the person responsible directly.

As an **unplanned substitute**, you must activate the substitution before processing activities and change requests of the person responsible. To do this, go to *My Inbox* > *Profile* > *Substitute For*.

Related Information

For more information on setting up substitutions, see Setting Up Substitutions in the My Inbox App in the product assistance for *Management of Change*.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App IDs:
	`/MOC/WDA_CHANGE_REQUEST`
	`/MOC/WDA_ACTIVITY`

Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

6.1.5.10 Deprecation of Change Requests and Activities - Detailed Analysis (F5469)

Business Details

The *Change Requests and Activities - Detailed Analysis* app (`F5469`) is deprecated as of SAP S/4HANA Cloud Private Edition and SAP S/4HANA 2025 FPS02 and will be deleted from the SAP Fiori launchpad in an upcoming release.

> → Tip
>
> You can use the *Management of Change Overview* app (`F8968`) as an alternative to access similar analytical capabilities for *Management of Change*. For more information on the key features of the app, see Management of Change Overview.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F5469`
Application Component	`CA-IAM-MOC` (*Management of Change*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS02

Related Information

Change Requests and Activities - Detailed Analysis (Deprecated)

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.

The following code list attributes have been added to version 1.0.9 of the OData API.

Enhancements to Master Recipe OData API

Name	Details
Master Recipe Status	Master Recipe Status
Master Recipe Status Text	Master Recipe Status Text
Master Recipe Usage	Master Recipe Usage
Master Recipe Usage Text	Master Recipe Usage Text
Master Recipe Control Key	Master Recipe Control Key
Master Recipe Control Key Text	Master Recipe Control Key Text
Master Recipe Header Profile	Master Recipe Header Profile
Master Recipe Header Profile Text	Master Recipe Header Profile Text
Master Recipe Operation Relationship Type	Master Recipe Operation Relationship Type
Master Recipe Operation Relationship Type Text	Master Recipe Operation Relationship Type Text
Change Record Type	Change Record Type
Change Record Type Text	Change Record Type Text

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 FPS02

6.2.2 Production Version Usage Indicator

Business Details

With this feature, you can now specify the purpose of creating a production order using the *Production Version Usage* field.

Production orders can be used for producing new or refurbishing existing material. The BOM and routing will be different for production and refurbishment. Production versions specify which BOM and routing are to be used to create a production order. Prior to the implementation of this feature, the production version selection does not differentiate the purpose of creating a production order.

The production version now contains an indicator specifying the purpose of the production version. The possible values for the production version usage are:

- 1: *Pilot Production*
- 2: *Mass Production*
- 3: *Refurbishment*
- Blank: *Any*

The value *Any* has been added for backward compatibility reasons. After an upgrade to a release which supports this feature, all existing production versions will have purpose *Any*.

You can specify or view the indicator in the following places.

- In the *Manage Production Versions* app, a new filter and column called *Production Version Usage* has been added. Additionally, you can also view the value of the *Production Version Usage* under the *Selection Criteria* tab from the *Production Version* details page.
- In the *Maintain Production Versions* (`C223`) transaction, you can view and update the column *Production Version Usage*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F2568`
	Transaction:
	`C223`

Application Component	`PP-PI-MD` (*Basic Data*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Production Version
Manage Production Versions

6.2.3 Mass Maintenance of BOM Material and Plant Assignments

Business Details

With this feature, you can perform mass maintenance of BOM assignments by uploading, adding, or deleting material and plant assignments in bulk using transactions CS08 and CS41. This eliminates the need for repetitive manual updates or custom customer-developed programs. As a result, BOM assignment maintenance becomes faster, more efficient, and less error-prone, reducing effort during rollout, harmonization, and data clean-up activities.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Transaction:
	`CS08`
	`CS41`

Application Component	`LO-MD-BOM` (*Bill of Material*)
Availability	SAP S/4HANA
Valid as Of	2025 FPS02

6.3 Production Planning

6.3.1 Material Requirements Planning

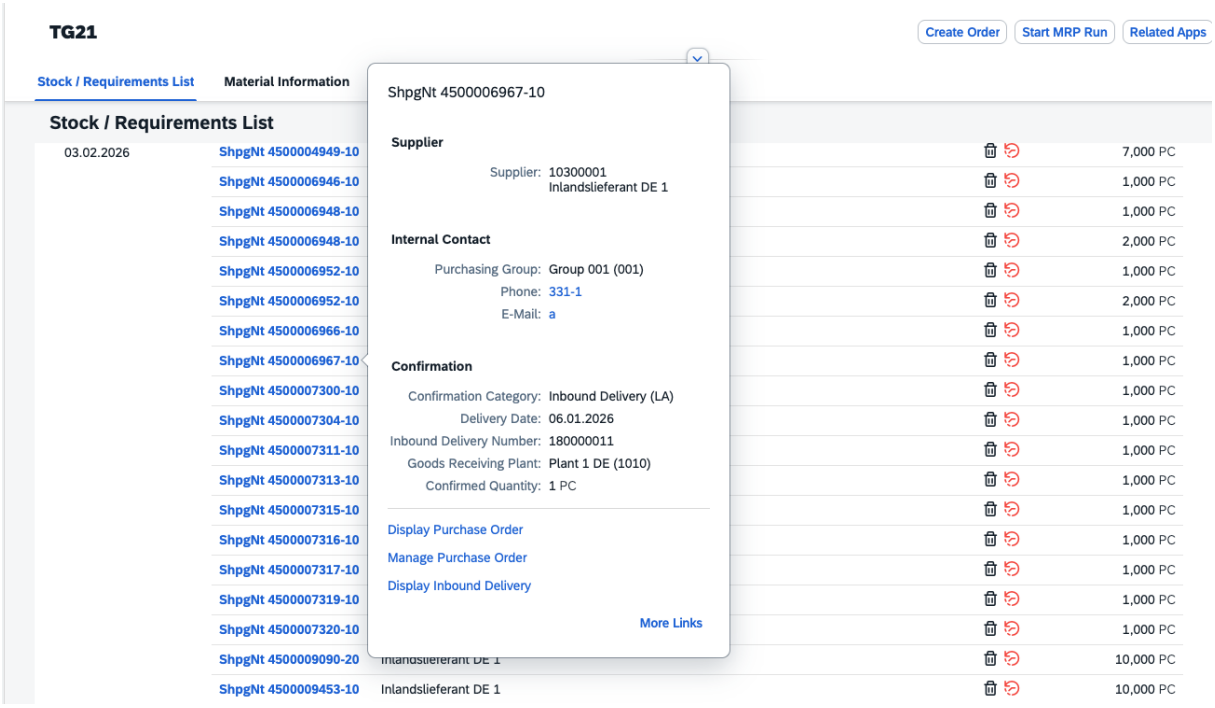
6.3.1.1 Manage Material Coverage - Shipping Notification Quick View

Business Details

In the *Manage Material Coverage* (`F0251A`) app, a new quick view is now available for the MRP element *Shipping Notification* (*ShpgNt*). It provides information about the supplier and the responsible internal contact, as well as about the confirmation that was received from the supplier. To access more details, you can navigate to the related purchase order directly from the new quick view.

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	BJ5 (Make-to-Stock Production - Discrete Manufacturing) J44 (Material Requirements Planning)
Technical Object Name	App ID: `F0251A`
Application Component	`PP-FIO-MRP` (*Fiori UI for Material Requirements Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Material Coverage (F0251A)

6.3.1.2 Manage Material Coverage: Table Variant Management for Stock/Requirements List

Business Details

With this feature, you can now edit the columns visible in the *Stock/Requirements List* of the *Manage Material Coverage* (`F0251A`), and save the view for future reference.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BJ5 (Make-to-Stock Production - Discrete Manufacturing) J44 (Material Requirements Planning)
Technical Object Name	App ID: `F0251A`
Application Component	`PP-FIO-MRP` (*Fiori UI for Material Requirements Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Material Coverage (F0251A)

6.3.1.3 Lazy Loading of Material List in Transaction MD07

Business Details

This feature enables you to defer the loading of the material list in the material display screen of the `MD07` (*Stock/Requirements List*) transaction.

Collective display of the `MD07` (*Stock/Requirements List*) transaction selects materials based on MRP area/plant and MRP controller combinations, as well as additional filters.

In many cases, the material list for the given selection criteria might be quite long. The `MD07` transaction would have to read all material receipts and requirements for each selected material and compute various KPIs such as range of coverage, receipt days supply, date of first material shortage and/or rescheduling proposals. Due to high computational demand, the material screen can take a long time to load.

To avoid a longer wait, the `MD07` transaction has been enhanced to only read material receipts and requirements for a subset of the selected materials. Only the KPIs for this subset of materials will be calculated and displayed. The details for the remaining materials will be computed in the background.

In the initial screen of the `MD07` transaction, once you enter the filter criteria for the materials, if the material list is large, you will receive a prompt which asks you whether you want to *Set up lists beforehand*. Click *No* to initiate lazy loading.

The system will display the material list based on the selection criteria you have chosen. However, the traffic lights, the calculated range of coverage, any exception messages and details related to the MRP planning result acceptance status will be displayed only for the first subset of materials. The system displays the remaining materials with empty traffic lights and without their corresponding details.

The details of the remaining materials will be computed in the background. Clicking the *Refresh* button or scrolling up or down will display the corresponding traffic lights and other details for the materials which have been computed.

Technical Details

Type	Changed
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 FPS02

Related Information

Lazy Loading of Material List in Transaction MD07

6.3.1.4 Monitor Material Coverage: Mass Update 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 *Monitor Material Coverage - Net Segments* (`F0247A`) and the *Monitor Material Coverage - Net and Individual Segments* (`F2101A`) apps.

Once you select all the materials for which you would like to update the acceptance status, click on the *Accept MRP Results* button or the *Revoke MRP Results* button based on the action you want to perform.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BJ5 (Make-to-Stock Production - Discrete Manufacturing) J44 (Material Requirements Planning)

Technical Object Name	App ID:
	`F0247A`
	`F2101A`

Application Component	`PP-MRP` (*Material Requirements Planning*) `PP-FIO-MRP` (*Fiori UI for Material Requirements Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Monitor Material Coverage - Net Segments
Monitor Material Coverage - Net and Individual Segments

6.3.1.5 Manage Planned Orders: Mass Conversion of Planned Orders

Business Details

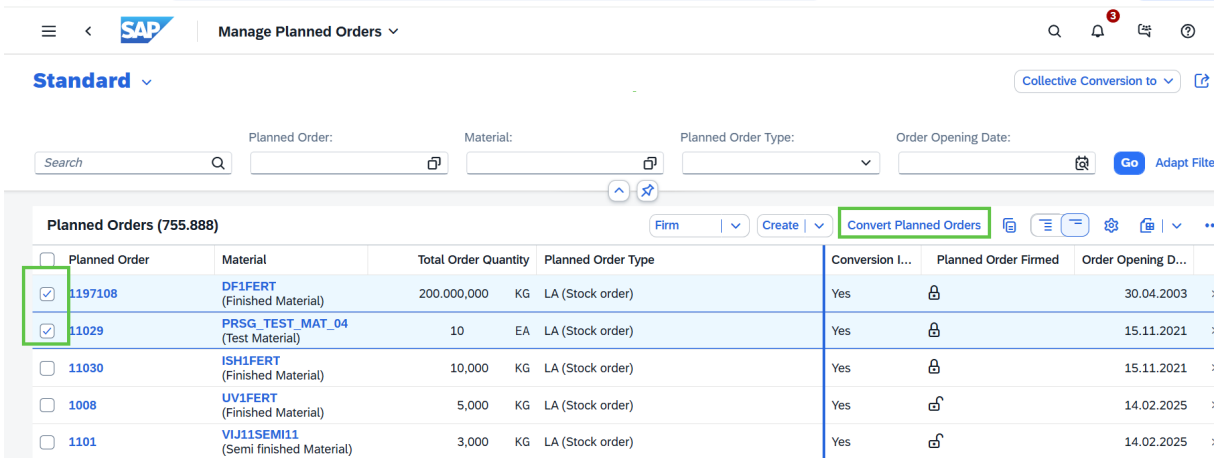
In the *Manage Planned Orders* app (`F4170`), it's now possible to convert multiple planned orders into production orders in a single step. This feature streamlines order processing by allowing you to select and convert several planned orders at once, saving time and reducing repetitive manual tasks.

After using the filters and search criteria to find the relevant planned orders, you can then select the planned orders that you want to convert into production orders and choose *Convert Planned Orders*. After performing the conversion, the system displays a dialog box which shows the production order numbers for all successfully converted planned orders, along with detailed error messages for any failed conversions.

> **Note**
>
> If you only select **one** planned order and choose *Convert Planned Orders*, then the system displays the *Convert Planned Order* dialog. In this dialog, you can choose whether to convert the selected planned order into a purchase requisition, production order, or process order, depending on the type of planned order.
>
> If you select **multiple** planned orders and choose *Convert Planned Orders*, then the system converts them into **production orders**.

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	BJ5 (Make-to-Stock Production - Discrete Manufacturing) J44 (Material Requirements Planning)
Technical Object Name	App ID:`F4170`
Application Component	`PP-FIO-MRP` (*Fiori UI for Material Requirements Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Planned Orders

6.3.2 AI-Assisted Enterprise Search for Production Planning and Control

Business Details

In the SAP Fiori launchpad, you can now use the AI-Assisted Search feature to use natural language for Enterprise Search. This enhancement simplifies interaction with the system, improves the search experience, and helps you quickly find relevant business objects and information. You can now enter your search queries in natural language in the SAP Fiori launchpad search bar to find the information you need

AI-Assisted Enterprise Search has been enabled for the following business objects:

- Production Order
- Process Order
- Planned Order
- Production Routing
- Work Center
- Resources

Implementation Details

Authorizations

To enable natural language search for business objects, select the *Enable AI Natural Language Search* checkbox in your user profile settings by navigating to *User Profile* > *Settings* > *Search*. Once you select this checkbox, you can view the list of business objects configured for natural language search.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	PP (*Production Planning and Control*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

AI-Assisted Enterprise Search for Production Planning and Control
AI-Assisted Enterprise Search

6.4 Manage Time-Dependent Stock Levels

Business Details

With this new SAP Fiori application, you can dynamically create, change, and manage validity intervals for your product stock levels across both active and inactive planning versions. This helps you adjust safety inventories to meet changing business demands over specific periods of time and safely simulate planning data without affecting your operational results.

As of SAP enhancement package 4 for SAP ERP 6.0 SPS 11 and related systems, the *Manage Time-Dependent Stock Levels* application replaces traditional SAP GUI transactions to deliver an unmanaged, draft-enabled web interface for modern advanced planning workflows.

You can use the application to perform the following core tasks directly from your web browser:

- **Maintain Dynamic Parameters:** You can define specific validity intervals for safety stock, maximum stock level, safety days of supply, and maximum days of supply to react rapidly to seasonal demand spikes or supplier delays.
- **Simulate Non-Operational Scenarios:** By assigning your stock intervals to inactive planning versions, you can safely test and analyze data simulations in a dedicated pegging area without changing active data.
- **Track Configured Records at a Glance:** A dedicated *Stock Levels Exist* column in the main list report automatically displays a green checkmark icon whenever intervals have been assigned to a product-location combination. If no records are configured, the field remains blank.
- **Execute Bulk Copies to Target Versions:** You can select multiple rows simultaneously to copy existing intervals to alternative planning versions. The application dynamically calculates and displays a filtered intersection list so you only see target versions that are valid for all highlighted products at the same time.
- **Perform Mass Changes Using Spreadsheet Files:** You can choose the mass processing action to download an Excel template file directly to your desktop, populate multiple safety intervals offline, and upload files up to 10 MB back into the system.
- **Filter Complex Tables Inline:** On the detailed object page, you can interact with a custom dynamic date range toolbar control. This control suppresses old historical rows or far-future intervals using an overlap logic to keep your active workspace focused and clean.

Technical Features:

- **Draft Handling Support:** When you activate edit mode, the application automatically locks changes into a draft workspace so you do not lose data during ongoing sessions. A temporary Universally Unique Identifier (UUID) field preserves row uniqueness in draft mode if you modify the start date of an uncompleted record.
- **Automated Boundary Adjustments:** When you change the start date of a specific interval line, the system auto-adjusts the corresponding end dates of neighboring interval blocks to prevent gaps or duplicate records.

Implementation Details

Effects on Existing Data

The *Manage Time-Dependent Stock Levels* application replaces traditional SAP GUI transactions. Users will now navigate to the SAP Fiori launchpad to manage time-dependent stock intervals instead of using the legacy transaction codes.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	33V

Technical Object Name	App ID: F9362
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 FPS02

6.5 What's New in SAP PPDS Monitor Receipts (OP2025 FPS2)

Business Details

With the *Monitor Receipts* Fiori application, you can manage and process receipt elements such as planned and production orders as a modern, web-based tool alternative to the legacy SAP GUI transaction /SAPAPO/RRP4.

The application includes the following features and enhancements:

- **Characteristics Visualization:** You can display and filter receipt elements based on product characteristics directly within your active workspace by configuring a Visualization Profile (up to 10 characteristic columns supported). Icons distinguish between assignments originating from orders/items (solid green triangle) or inherited from the Product Master (empty green triangle).
- **Mass Order Conversion:** You can convert multiple planned orders and purchase requisitions into production or process orders using foreground conversion (within active simulation sessions) or background conversion (scheduled via Application Jobs framework and merged directly into planning versions).
- **Navigation to the Application Log:** Choose the *Application Log* action to access detailed logs under the /SAPAPO/MRC semantic object for your active simulation session, detailing message criticality, text, and timestamps.
- **Application Extensibility:** You can extend the application via custom fields on view C_PPDSMntrRcptTP, Business Add-Ins (/SAPAPO/BADI_MRC_COLGRP_SEL and /SAPAPO/BADI_MRC_DATA_SEL), or custom UI behavior extensions on projection view C_PPDSMNTRRCPTTP.

Implementation Details

Effects on Existing Data

The *Monitor Receipts* application replaces the legacy SAP GUI transaction /SAPAPO/RRP4. Users will navigate to the SAP Fiori launchpad to manage receipt elements.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8273`
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 FPS02

6.6 What's New in SAP PPDS Monitor Requirements (OP2025 FPS2)

Business Details

With the *Monitor Requirements* Fiori application, you can manage requirement elements such as planned and production orders within a high-performance interface as a modern, efficient alternative to the legacy SAP GUI transaction `/SAPAPO/RRP1`.

The application includes the following features and enhancements:

- **Customizable Time Zone Handling:** You can adjust how date and time information is displayed by choosing the *Set Time Zone* button in the header. Options include *FLP Time Zone*, *Application Time Zone*, and *Location Time Zone* (local plant time). The system automatically converts timestamps between backend UTC and your selected mode.
- **Direct Navigation to Application Log:** Choose the *Application Log* action to open a filtered view containing records generated during your current simulation session. You can inspect message types (Error, Warning, Success), detailed message texts, and creation timestamps.
- **Enhanced Characteristics Visualization:** View and filter requirement elements based on product characteristics defined in Visualization Profiles. Selecting a profile updates the worklist to show up to 10 dynamic characteristic columns with status indicators (solid green triangle for order/item assignments, empty green triangle for Product Master assignments, and an asterisk for multi-value assignments).
- **Synchronized Refresh Button:** The *Refresh* button merges interactive changes with updates saved by parallel users. If conflicts occur, choose *Retain* to merge interactive changes or *Discard* to revert to the planning version state.
- **Application Extensibility:** You can extend the application using custom fields via view extensions, custom actions via behavior extensions, or Business Add-Ins (`/SAPAPO/BADI_MRQ_COLGRP_SEL` and `/SAPAPO/BADI_MRQ_DATA_SEL`).

Implementation Details

Effects on Existing Data

The *Monitor Requirements* application replaces the legacy SAP GUI transaction `/SAPAPO/RRP1`. Users will navigate to the SAP Fiori launchpad to manage 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` (*Production Planning and Detailed Scheduling*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

6.7 Extended Production Planning and Scheduling

6.7.1 Shelf Life Planning Scrap Quantity Visualizations

Business Details

Shelf life Scrap Quantity visualizations for Elements and Periods have been added to the *Product Planning Table* and to the *Product View*.

Expired quantities with projected and available stock calculations were previously not clearly visualized in the system. Scrap (lost) quantities were not displayed. To address this, enhancements have been made to improve the visibility of Shelf life planning scrap quantity.

Therefore, the *Product Planning Table* (`/SAPAPO/PPT1` - tabs *Elements* and *Periods*) and the *Product View* (`/SAPAPO/RRP3` - Charts *Product view: Periodic* and *Product view: Single elements*) planning tools have been enhanced with Shelf life Scrap Quantity visualizations.

PP/DS shelf life logic is realized via pegging. *Receipts* and *Requirements* are pegged if the product quantities fit together with respect to the shelf life intervals provided by them:

Shelf life expiration quantity refers to the quantity that's no longer valid for processing or transport after the shelf life ends.

SLScrapQty info row reflects scrapped quantity of product. *Available Stock* and *Projected Stock* reflect lost (scrap) quantity of product. *Available Quantity* and *Projected Stock* key figures are adapted to respect the scrapping quantities.

> **Note**
>
> Make sure the material has been correctly configured for shelf life in the *Material Master*.

> **Note**
>
> To activate the visualization for the *Periodic* view and display the relevant *Shelf Life Scrap Quantity* info row, you must do the following:
>
> - Go to *Settings* > *User Settings* > *Product 1*.
> - Scroll down to check the box corresponding to *Shelf Life Expiration Quantity* in the *Active* column.
> - > **Note**
>
>   If the *Shelf Life Expiration Quantity* row is not shown in this list, you must create a new variant. Load the standard profile *SAP001*, check the *Shelf Life Expiration Quantity* box and create a new variant. Once you have performed these steps, the new info row *Shelf Life Scrap Quantity* will be displayed.
> - Save the variant.

Technical Details

Type	New
Functional Localization	No localization
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 FPS02

Related Information

Product Planning Table
Product View
Planning with Shelf Life Data in PP/DS

6.7.2 Enhancement of Copy Functionality in Manage Flexible Constraints for PP/DS App

Business Details

Copy action is now possible in the in Manage Flexible Constraints for PP/DS app even when validity period is *completely in the past*, or *partially in the past and partially in the future* (Validity Start Date is in the past but the Validity End Date is in the future).

Context: Before this enhancement, the system was allowing copying of Flexible Constraints only when the validity period was current or future dated. If the validity period was completely in the past, the system blocked the copy action and displayed the following error message: *You cannot copy flexible constraints whose validity is completely in the past*. If the Validity Start Date was in the past but the Validity End Date was in the future (partially past and partially future), the system allowed the copy, but displayed the message *Only future constraints are copied*.

Copy Fragment – Error Handling and Validation

- Copying past Flexible Constraints is now allowed for all occurrences, and the previous message related to past flexible constraints has been removed.
- Enabled editing of the validity start date in the Copy Fragment.
- Start date can change it to the current or to a future date.
- **Validation added for the Validity Start field:**
  1. When the user selects a past date for Validity Start, the following validation message will be displayed without pressing the *Create* button: *You can only select a future date for the Validity Start* .
  2. When the Validity Start field is empty, the following validation message will be displayed without pressing the *Create* button: *Validity Start is a required field*.
  3. When the user selects a past date for Validity Start, the following validation message will be displayed after pressing the *Create* button: *You can only select a future date for the Validity Start*.
  4. When the Validity Start field is empty, the following validation message will be displayed after pressing the *Create* button: *Validity Start is a required field*.

Copy Fragment Validity Dates Display Functionality

When copying a past Flexible Constraint, the system determines the recurrence type and recalculates the Validity Start and End dates accordingly.

In the Past constraints Copy Fragment:

- The Validity Start Date is defaulted to the current date (Today) and the field is editable.
- The Validity End Date is recalculated as Start Date + bucket duration (based on the recurrence type).

If the user changes the Validity Start Date to another future date:

- The same recurrence logic is applied.
- The Validity End Date is recalculated dynamically based on the selected future date and the corresponding bucket end logic.

If the user changes the Validity Start Date to another future date:

- The Validity End Date is recalculated as Start Date + bucket duration (based on the recurrence type).

> **Note**
>
> Same Validity Start and End dates are displayed for future flexible constraints in the in copy fragment.

> **Note**
>
> This logic applies to all templates: *Copy* template, *Absolute* template, and *Relative* template.

Examples of Validity Start and End Dates Logic

Copy Fragment Validity Start and End Dates Display Functionality (Daily, Weekly, Custom (D, W)

Past Flexible Constraints:

- *Past* *Past* (Feb 1 – Feb 10,2026)
- *Past* *Current* (Mar 26 – Mar 30,2026)
- *Past* *Future* (Mar 27 – April 5 , 2026)

Validity Start Date = Today

Validity End Date = Today + *Flexible constraints Day Difference*

Flexible constraint Period: *May 1* *May 10, 2025*

Difference: 9 days

Today: Mar 13, 2026

End: Mar 22, 2026

When Changing the Validity Start

Start: Feb 2, 2027

End: Feb 11, 2027

Future Flexible Constraints:

Current *Current* (Mar 30 – Mar 30, 2026)

Current *Future* (Mar 30 – Aug 30, 2026)

Future *Future* (May 1 – May 25,2026)

Validity Start = Same as Original Validity Start

Validity End = Same as Original Validity End

Flex constraint Period : *Mar 1* *Mar 25, 202*

Duration: 24 days

Copy Fragment: Same Dates Retained

When Changing the Validity Start:

Start: Apr 1, 2027

End: Apr 25, 2027

Copy Fragment Validity Start and End Dates Display functionality (Monthly, Quarterly, Yearly, Custom (M, Q, Y)

Past Flexible Constraints:

- *Past* *Past* (Mar 1 – Jun 30, 2025)
- *Past* *Current* (Feb 1 – Mar 31, 2026)
- *Past* *Future* (Jan 1 – Apr 30, 2027)

Validity Start Date = Today

Validity End Date = Today Month Bucket + *Flexible constraints Recurrence Difference*

Flex constraint Period : *Mar 1* *Jun 30, 2025*

Difference: 3 Months

Today: Mar 13, 2026

End: Jun 30, 2026 (Bucket End)

When Changing the Validity Start

Start: Sep 1, 2027

End: Dec 31, 2027

Future flex constraints:

Current *Current* (Mar 1 – Mar 31, 2026)

Current *Future* (Mar 1 – Aug 30, 2026)

Future *Future* (May 1 – Aug 30 ,2027)

Validity Start = Same as Original Validity Start

Validity End = Same as Original Validity End

Flex constraint Period: *Mar 1* *Mar 31, 2026*

Duration: 1 Month

Copy Fragment: Same Dates Retained

When Changing the Validity Start:

Start: Apr 1, 2027

End: Apr 30, 2027

Technical Details

Type	Changed
Functional Localization	No localization
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 FPS02

Related Information

Manage Flexible Constraints for PP/DS
Managing Flexible Constraints

6.7.3 Enhancement of Validity Extension in Manage Flexible Constraints for PP/DS App

Business Details

Extending validity can now be performed for past and future flexible constraints, and the *Extend Validity* button is displayed for both active and inactive versions. Previously, extending validity was only possible for past flexible constraints.

This enhancement of the validity extension allows you to change validity start dates and end dates in both directions:

- For past flexible constraints, the validity end date can be changed and confirmed by selecting the *Extend Validity* button.
- For future flexible constraints, the validity end date and start date can be changed for current and future active and inactive records and confirmed by selecting the *Extend Validity* button. Note that the newly extended records will be in active status.

Technical Details

Type	Changed
Functional Localization	No localization
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 FPS02

Related Information

Manage Flexible Constraints for PP/DS
Managing Flexible Constraints

6.7.4 Cross-System Integration of Planning Version Dependent Time-Dependent Stock Levels for PP/DS

Business Details

The Planning Version Dependent Time-Dependent Stock Levels (TDSL) for PP/DS app has been enhanced with cross-system integration of time-dependent stock levels from IBP (Integrated Business Planning).

The following new features have been added::

1. The POST call now creates a new record for TDSL in PP/DS if there was no previous record available.
2. In case the last bucket sent from IBP is not ending up on 31/12/9999, the action will create an additional bucket till the end of the period with TDSL value as 0.
3. In case of non-continuous bucket sent from IBP, the POST call would create an entry for the buckets which are not available in the payload with 0 TDSL value.

The *Adjustinterval* action of the RAP behavior class *CL_ADVNCDPLNGTIMEDEPDNTSTKTP* has been enhanced to support the creation of TDSL entries when a product/location combination does not yet exist in the system, including automatic gap-filling and remainder logic.

IBP (Integrated Business Planning) sends TDSL data via the S/4PPDS OData API (*Adjustinterval* action). The RAP behavior class *CL_ADVNCDPLNGTIMEDEPDNTSTKTP* handles this call. Previously, if no DB entry existed for the product/location, the call failed. After this change, the system creates the required entries from scratch.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Application Component	SCM-APO-PPS
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS2

Additional Details

CL_ADVNCDPLNGTIMEDEPDNTSTKTP	**RAP behavior implementation class for the Time Dependent Stock Levels entity (*R_PRODUCTTIMEDEPDNTSTOCKLVLTP*): contains the *Adjustinterval* FOR MODIFY action and the new *ValidateScopeItem* FOR MODIFY method.**
METHOD *Adjustinterval*	Core logic that processes the interval adjustment request from IBP. Rewritten to support creation of TDSL entries when no DB record exists, including gap-fill and remainder post-processing. The *Adjustinterval* action is the primary entry point for IBP to push time-dependent stock level data.
Interfaces / Communication Handling	OData V4 service based on RAP (R_PRODUCTTIME-DEPDNTSTOCKLVLTP)
Enhancements	• Creating TDSL entries from scratch when no DB record exists for a product/location combination (active and inactive planning versions). • Filling date gaps between non-contiguous requested intervals with Qty=0 entries. • Adding remainder entries up to 31-12-9999 after the last requested interval. • Handling overlap resolution when multiple intervals touch the same date range. • Propagating `%control flags` correctly for both active and inactive paths using the new `ty_ctrl_inactive_payload type`.

Related Information

Planning Version Dependent Time-Dependent Stock Levels for PP/DS

Stock Level Planning
Time-Dependent Stock Levels and Penalties

6.7.5 Reuse of Validate and Copy Intervals to Planning Version Dependent Time-Dependent Stock Levels for PP/DS

Business Details

A new instance action *ValidateScopeItem* has been created for behavior definition *R_PPDSTmeDepdntStkLvlTP* to expose the internal action *Validate* to external consumers.

A new Interface behavior definition *I_PPDSTmeDepdntStkLvlTP* is created with release contract Use System-Internally (C1) to enable the reuse of the *ValidateScopeItem* and *Copy* interval actions from the base behavior definition *R_PPDSTmeDepdntStkLvlTP*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Application Component	`SCM-APO-PPS`
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS2

Related Information

Planning Version Dependent Time-Dependent Stock Levels for PP/DS
Stock Level Planning
Time-Dependent Stock Levels and Penalties

6.7.6 Enhancements for Tank Planning with Container Resources

Business Details

This feature automates tank planning in PP/DS with three new heuristics managing storage across multiple tanks by automatically splitting orders exceeding capacity, allocating activities to appropriate tanks, and creating storage-based planned orders maintaining storage-based pegging. Enhanced Product Storage Definition (PSD) master data now supports validity periods for time-dependent changes during order processing. New strategy settings control tank allocation in SAP liveCache for both manual and automated heuristic planning.

The following heuristics are available:

- SAP_TP_001 (*Tank Planning: Tank Split*): Automatically distributes large filling or draining quantities across multiple compatible tanks by splitting orders that exceed single tank capacity across multiple compatible tanks. The heuristic can also merge previously split orders or adjust split ratios based on configured operational rules.
- SAP_TP_002 (*Tank Planning: Tank Allocation*): This heuristic runs dedicated tank allocation processes for selected planning objects, based on the selected storage activities combined with specific allocation strategy settings and capacity considerations in SAP liveCache.
- SAP_PP_TP02 (*Tank Planning: Planning of Standard Lots*): Adapted from the standard lot heuristic SAP_PP_002, this heuristic allows to control the tank allocation during order creation. In addition, it enables a storage resource-specific net requirements calculation which ensures that a demand assigned to a specific storage resource is covered by a supply element assigned to the same storage resource, ensuring storage-based pegging relationships.

The Product Storage Definition (PSD) master data object now supports validity periods, similar to the Production Data Structure (PDS). This allows you to maintain time-dependent master data changes that are automatically applied during order creation and modification.

New strategy settings (*Consider Maximum Stock Level* and *Mode Selection Criteria*) provide additional control over the tank allocation decision process in SAP liveCache, supporting both manual dialog-based planning and automated heuristic-based planning scenarios.

Implementation Details

Customizing

You can define the new strategy parameters in Customizing of *Advanced Planning* > *Detailed Scheduling* > *Maintain Strategy Profiles*.

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 FPS02

Related Information

Interactive and Automated Tank Planning
Tank Planning Heuristics
Strategy Parameters for Tank Planning

6.7.7 Goods Receipt Quantity Visualization in Manage Flexible Constraints for PP/DS App

Business Details

Visualization of goods receipt elements has been added to the object page in the Manage Flexible Constraints Fiori app.

The *Goods Receipt (GR) Quantity* is displayed using the Base Unit of Measure, the same unit that is maintained in the material master for the product and the Goods Receipt. This app enhancement adds a *GR Quantity* column containing the calculated quantity for each flexible constraints bucket (row). A Goods Receipt performed within the current bucket updates GR count for the current bucket only.

Goods Issue for received Goods does not reduce the GR count in order to show the actual quantity received within the particular current bucket. Cancellation of the Goods Receipt reduces the count, as it cancels the receipt of the Goods.

> **Note**
>
> This enhancement affects both scopes LOCPRD and LOCPRDSOS.

> **Note**
>
> GR quantity is updated in the app for the current bucket only and displayed accordingly when the physical GR action takes place. Past flexible constraints buckets will still show the previous GR quantity.

> **Note**
>
> GR Quantity can be visualized for both the active and inactive versions for the same product location. Note that Available Stock is not relevant for inactive planning version, as there is no physical GR process for this version.

Additional Details

New CDS Views

CDS View Name	Description
`I_PPDSFlxCnsTotalConfirmedQty`	CDS used to calculate the total confirmed quantity for the period between start date and end date of flexible constraints
`I_PPDSFlxCnsConfirmedQuantity`	Basic CDS view for database table `/SAPAPO/FLXCONFQ` Data selection

Data Selection

- A new association to `I_PPDSFlxCnsTotalConfirmedQty` has been added to flexible constraints' *R view* `R_AdvncdPlngFlxCnsTP`.
- The fields `PPDSFlxCnsConfirmedQuantity` and `PPDSFlxCnsConfirmedQtyUnit` have been added to the CDS View `I_AdvncdPlngFlxCnsTP`.

Technical Details

Type	Changed
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 FPS02

Related Information

Manage Flexible Constraints for PP/DS
Managing Flexible Constraints

6.7.8 Goods Receipt Quantity Visualization in the Product Planning Table (PPT1)

Business Details

Flexible constraints *Good Receipt (GR) quantities* of the current bucket can be now visualized in the Product view Periodic Chart of the Product Planning Table (`/SAPAPO/PPT1`).

You can activate the visualization of GR quantities in *User Settings* > *Product 2* > *Flexible Constraints Qty*. The visualization of GR elements depends on the selected option in *Flexible Constraints Qty* field. If *Original quantity* is selected, it will trigger an ordinary planning visualization. If *GR Quantity* is selected, the current bucket will display the quantity which was received after the Goods Receipt. *Open Quantity* option displays the quantity which is still opened for GR within the current bucket, that is, the difference between planned and received goods.

> **Note**
>
> GR Quantity can be visualized for both the active and inactive versions for the same product location. GR Quantity, Open Quantity and Original Quantity options can be applied in inactive planning version if needed. Note that Available Stock is not relevant for inactive planning version, as there is no physical GR process for this version.

Additional Details

Good Receipt quantities/elements of flexible constraints are displayed according to production orders, after the user has chosen this option in the *Settings* screen, *Product 2* tab. In the dropdown list, there is the option to choose from *Original quantity*, *Open Quantity* and *GR Quantity*. GR quantity is the quantity registered for the constraints in the table `/SAPAPO/FLXCONF`, based on production orders for the period of time. Open Quantity is calculated as a subtraction of Original quantity and GR quantity. If the user chooses one of these, the new values calculated will be shown on *Product Planning screen* in the Minimum, Target and Maximum Constraints inforows, changing at the same time the description of the row to:

- Minimum Supply Constraint/GR qty
- Target Supply Constraint/GR qty
- Maximum Supply Constraint/GR qty

or (depending on the choice):

- Minimum Supply Constraint/Open qty

- Target Supply Constraint/Open qty
- Maximum Supply Constraint/Open qty).

If Open Quantity is selected and that the calculated GR quantity for the bucket is greater than the original value of the bucket, it will be displayed as empty (0), otherwise, if lower, the new quantity will be displayed as calculated by the subtraction of Original quantity and GR quantity.

If GR Quantity is selected, the new quantities values for the respective buckets fetched from the table /SAPAPO/FLXCONF will be displayed.

Despite the change of quantity values in flexible constraints inforows, the cells color refers to the original quantity..

Heuristics Screen and Function Modules

The new section *Flex. Constraints qty* has been added in the Function Group `/SAPAPO/SAPLRRP_PT_USER`, *Dynpro 1221 (Product 2)*. It is dropdown list with the options *Original quantities*, *Open Quantities*, and GR quantities.

For every aggregation level, two quantity types exist for the three categories: *Receipts*, *Requirements* and *Planned independent requirements*:

The two quantity types can also be set jointly so that two new information rows appear:

Receipts	Requirements	Planned independent requirements
Total quantity	Requested quantity	Original quantity
Yield	Confirmed quantity	Allocated quantity

The function `/SAPAPO/PT_PRODUCT_GRID_BUILD` has been modified for coloring purposes (used for coloring flexible constraints rows to match original values, even if user chooses *GR/Open qty* in the settings for Prod.2). Original values saved in global tables before changing them in method `ADJUST_FLXC_INFOROWS_GR_QTY` of class `/SAPAPO/CL_FLXC_PPT1_ENHANCE`.

> **Note**
>
> Since user settings are common between (`/SAPAPO/PPT1`) and (`/SAPAPO/RRP3`), GR Quantity visualization can also be reached from *Product View* (transaction (`/SAPAPO/RRP3`). To activate this visualization, the same procedure listed above for PPT1 applies.

Technical Details

Type	Changed
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 FPS02

Related Information

Product Planning Table
Planning with Flexible Constraints

6.7.9 Enhancements for Monitor Production Plan Performance App

Business Details

This release delivers enhancements for *Monitor Production Plan performance* app including the KPI profile configuration, Key figures maintenance, extension of KPIs visualization related to orders, operations and pegging PP/DS objects.

Enhancement	Details
Key figures maintenance	KPI base object along with key figures are delivered, which would be used to configure KPIs in the KPI profile
Configure KPI Profile	*Configure KPI Profile* VH app is available to configure the KPIs along with thresholds, criticality, aggregation, and baseline KPI. This KPI profile controls the visualization of KPIs and KPI data in the *Monitor Production Plan Performance* app.
Extension of KPI visualization	In addition to resource specific KPIs, the KPIs for orders, operations and pegging can also be visualized in the app.
UI enhancements to the KPI tile	• Based on the thresholds/criticality defined in the KPI profile, percentage scale chart would be rendered in the tile with different color zones. • The KPI values shown in the tile can be shown with different aggregation as set in the KPI profile. • Trend indicator along with delta value will be shown to mark the performance of simulated KPI value in comparison to original KPI value.

Enhancement	Details
Refresh button	Refresh button has been added in the app to fetch the live KPI data based on the changes done within a simulation session for the planning context.
Access KPI profile from Monitor Production plan performance app	The option to access KPI profile configuration has been added to the app *Monitor Production plan performance* via an icon.

Implementation Details

Key figures maintenance

The base object and key figures can be accessed either using the GUI transaction `/SAPAPO/KPIMON_KF` or using the customizing SAP IMG path, *SPRO* > *Advanced Planning* > *KPI Monitor* > *Maintain Key Figures for KPI Monitor*.

> **Note**
>
> The key figures would be delivered with the SAP golden client (000). The configuration data can be copied to any desired client using required client copy tools.

KPI Profile

You can configure KPI profile either using the GUI transaction `/SAPAPO/KPIMON_PRF` or using the VH application *Configure KPI Profile* from the Fiori launchpad.

Technical Details

Type	Changed
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 Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Monitor Production Plan Performance

6.7.10 Enhancements for Advanced Scheduling Board

Business Details

This release delivers functional and configurational enhancements across the Advanced Scheduling Board (ASB) application, including MultiLevel Time Buffer (MLTB) integration, updates to configuration profiles, planning execution, personalization, and visualization. You can manage time buffers for orders and operations, launch the KPI Monitor directly from the application, personalize Network Views, and usability enhancements.

Enhancement Area	Details
MLTB integration	Integrated time buffer management capabilities for orders and operations, including calculation, refresh, and reset options together with a new section in the Operation Information panel to support MLTB integration.
ASB Configuration Profile	With respect to MLTB and tank planning, new fields are added to the configuration decision table.
KPI Monitor Integration	A new Launch KPI Monitor button added to the main toolbar to provide quick access to the Monitor Producton Plan Performance app.
Interrupt Edit action	Added support for interrupting partially confirmed operations.
Table Personalization	Table personalization is now supported in Network Views.
Legend	New Operation Status and Additional Shapes added for Resource and Operation charts.
Other enhancements	• Redesigned visualization of partially confirmed operations and Continuous Input/Output data • Shelf life data is taken into consideration in the Product Stock Chart • Decimal format supported as per Launchpad settings • New columns added in Source of Supply dialog

Technical Details

Type	New
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 FPS02

Related Information

Advanced Scheduling Board

6.7.11 Additional Fields for Material Master

Business Details

This release introduces 10 new fields that can now be maintained in the Material Master. Previously, values for these fields were automatically determined using internal system logic and could not be edited. With this update, you now have the flexibility to maintain the field values as needed.

The new fields are available at different maintenance levels:

Material Level

- Planning with Shelf Life
- Required Minimum Shelf Life
- Shelf Life

Material Plant Level

- Concurrent Pegging
- Time Interval
- Maximum Earliness of a Receipt
- Maximum Lateness of a Receipt
- Deactivate Dynamic Pegging
- Consider Resource Network Strategy
- Consider Container Resource Strategy

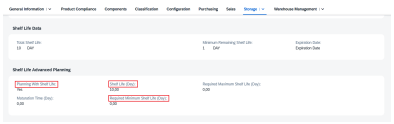
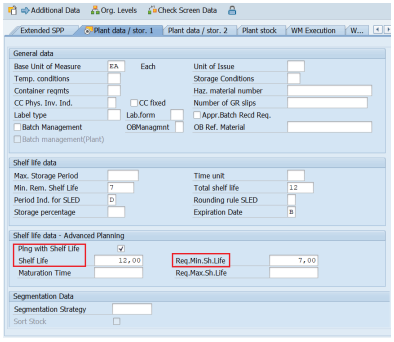
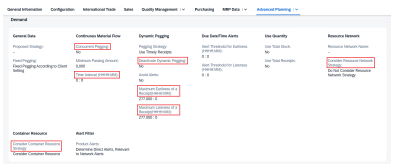
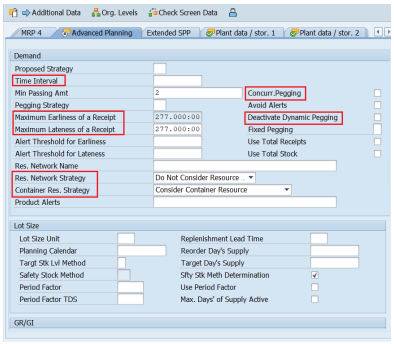
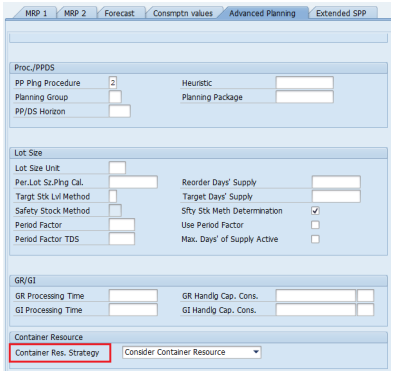
MRP Level

- Consider Container Resource Strategy

Examples of the User Interface

The screenshots below illustrate the newly added fields in both the Product Master app and the Material Master.

> **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.

Level	Product Master App View	Material Master View
Material Level		
Material Plant Level		
MRP Level		

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`SCM-S4H-MD-PR` (*Product*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

6.7.12 Extended Subcontracting Support in PPO

Business Details

With this feature, you can plan and optimize subcontracting alongside in-house production and direct procurement in a single planning process. The Production Planning Optimizer (PPO) now supports both **single-level** and **multi-level** subcontracting scenarios, considers planned delivery times, and evaluates all sourcing alternatives together, helping you improve procurement decisions and achieve more complete supply planning.

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 FPS02

Related Information

Subcontracting

6.7.13 Flexible Constraint Priorities, Penalties, and Target Quantities in PPO

Business Details

Flexible constraints in Production Planning Optimizer (PPO) have been enhanced with support for **target quantities**, **configurable soft penalties**, and **priority-based constraint filtering**. Together, these capabilities help you model planning requirements more precisely and improve the optimizer's ability to generate supply proposals that align with your business priorities.

- **Target quantity support** enables you to define an intended supply level in addition to minimum and maximum supply quantities. Depending on the configured bound direction, the target quantity can act as a lower bound, an upper bound, or both. The optimizer considers target quantities together with the existing minimum and maximum constraints when generating supply proposals. You maintain target quantities in the Maintain Flexible Constraints Fiori app.
- **Soft penalties** allow you to configure penalty values for deviations below the minimum quantity, above the maximum quantity, or from the target quantity. Penalties are maintained for each constraint group in the Maintain Flexible Constraints Fiori app.
- **Priority-based constraint filtering** lets you assign priorities to flexible constraint groups and define a minimum priority threshold in the optimizer profile. During planning, the optimizer ignores constraint groups with a lower priority than the configured threshold, enabling optimization to focus on the most important business constraints.

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 FPS02

6.7.14 Production Planning Review Booklet – Order Details

Business Details

The Production Planning Review Booklet – Order Details app gives production planners a consolidated, interactive view of PP/DS KPIs at the manufacturing order level. Planners can slice performance across key dimensions—time, product groups, source locations, and order status—to surface exceptions, assess fulfillment risk, and take targeted corrective action. Tabular and graphical views work together to bridge high-level KPI monitoring with order-level granularity, enabling faster and more confident planning decisions. The app supports drill-down, aggregation, and standalone access through the Fiori launchpad.

With this review booklet, you can:

- Monitor order details, such as comprehensive review of production, planned, and purchase orders within the planning horizon.
- Identify delayed orders, orders at risk of missing due dates, and exceptions requiring attention.
- View a 360° view of order health for proactive management of order-related issues.
- Order status distribution.
- Display delay analysis and on-time delivery KPIs.
- Display order quantity and date deviation metrics across days, weeks, months, and quarter.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F9406`
Application Component	`SCM-APO-PPS-ANA` (*Analytics in PP/DS*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Review Booklets

6.7.15 Production Planning Review Booklet – Pegging Relationships

Business Details

The Production Planning Review Booklet – Pegging Relationships app exposes the supply-demand linkages that underpin PP/DS planning results. Planners can trace directly from a demand shortfall to the pegged supply elements—seeing which orders, stock transfers, or production runs cover specific requirements—and immediately assess how reassigning or reprioritizing supply propagates through downstream KPIs. This transparent view of pegging networks turns complex supply allocation decisions into traceable, auditable planning actions. The app supports drill-down, aggregation, and standalone access through the Fiori launchpad.

With this review booklet, you can:

- Display pegging relationships linking demand elements (e.g. sales orders) to supply elements (e.g. production/purchase orders).
- Identify broken, dynamic, or fixed pegging; unpegged demands; and shortages impacting customer commitments.
- Identify demand-supply linkages and quickly resolve material availability issues.
- Display pegging coverage KPIs and shortage quantities.
- Display demand-supply match ratios.
- Display order pegging relationship KPIs and date deviation metrics across days, weeks, months, and quarter.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F9408
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 FPS02

Related Information

Review Booklets

6.7.16 Production Planning Review Booklet – Order Operations

Business Details

The Production Planning Review Booklet – Order Operations app provides production planners with a real-time, operations-level view of PP/DS KPIs across dimensions such as time, resource groups, locations, and operation status. By visualizing where operations are at risk—whether from capacity constraints, scheduling conflicts, or execution delays—planners can prioritize interventions and optimize resource utilization before exceptions escalate into order-level problems. The app supports drill-down, aggregation, and standalone access through the Fiori launchpad.

With this review booklet, you can:

- Display individual operations within production orders.
- Obtain detailed visibility into operation scheduling and execution status.
- Identify delayed, unscheduled, or disruptive operations and those violating scheduling constraints.
- Enable granular scheduling analysis to fine-tune operation-level execution and improve throughput.
- Display operation lead times and dispatch status.
- Display constraint violations across work centers and resources.
- Display order operations quantity and date deviation metrics across days, weeks, months, and quarter.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F9407`
Application Component	`SCM-APO-PPS-ANA` (*Analytics in PP/DS*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Review Booklets

6.8 Production Operations

6.8.1 Manage Production Orders: Inspection Lot of Inspection Origin 17

Business Details

With this feature, the *Manage Production Orders* (`F2336`) app has been enhanced to include the display of inspection lots of inspection origin `17` for *Extended Warehouse Inspection*.

Prior to the implementation of this feature, the *Manage Production Orders* app only displayed inspection lots of inspection origin `03` (*Production*) and `04` (*Goods Receipt Inspection from Production*).

Inspection lot with inspection origin 17 is the standard inspection lot created during goods receipt from manufacturing into EWM when de-central EWM is integrated with S/4HANA.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BJ5 (Make-to-Stock Production - Discrete Manufacturing)
Technical Object Name	App ID: `F2336`
Application Component	`PP-FIO-SFC` (*Fiori UI for Production Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Production Orders

6.8.2 Objects Released for Developer Extensibility in Production Operations

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

Additional Details

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

Objects Changed for Developer Extensibility

Object Type	End-User Name	Technical Name	Type	Details
Business object interface	Process Order	`I_PROCESSORDERTP`	Changed	You can now read **capacity requirements** of an order operation and an order phase. To enable this, the following nodes have been added to the business object interface: • `I_ProcOrdOperationCapacityTP` • `I_ProcessOrderPhaseCapacityTP`
Business object interface	Production Order	`I_PRODUCTIONORDERTP`	Changed	You can now read **capacity requirements** of an order operation. To enable this, the following node has been added to the business object interface: • `I_ProdnOrdOperationCapacityTP` entity

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

Effects on System Administration

For more information about the authorizations required for working with the development objects released for developer extensibility, see Configure Authorizations.

6.8.3 Next Generation Just-In-Time (JIT) Supply to Production

Business Details

With this release, the following new features have been included:

- **Enablement of Replenishment Strategy for updating multiple JIT Control Cycles in mass processing mode:**
  You can now update the Replenishment Strategy for multiple JIT Control Cycles in a single step using Mass Processing. The selected strategy can be applied to multiple Control Cycles simultaneously, reducing manual effort and improving maintenance efficiency. To ensure data consistency, changes to the Replenishment Strategy are permitted only for Control Cycles that have no active JIT Calls.

  > ⓘ Note
  >
  > The Replenishment Strategy setting in the Stock Transfer facet is relevant only for internal replenishment scenarios.

- **Enablement of three-step replenishment in JIT Supply to Production with the introduction of tertiary Control Cycle:**
  You can now use demand-driven and takt-based replenishment planning for tertiary JIT Control Cycles in three-step replenishment scenarios.
  In a three-step replenishment process, separate JIT Control Cycles manage material flow from the External Supplier to the Warehouse (tertiary control cycle), from the Warehouse to the Production Supermarket (secondary control cycle), and from the Production Supermarket to the Production Line (primary control cycle). While demand-driven and takt-based planning were previously available only for primary and secondary control cycles, these planning methods can now also be applied to tertiary control cycles. This enables consistent replenishment planning across the complete supply chain, from external suppliers to the production line.

  > ⓘ Note
  >
  > A separate JIT Call is created for each replenishment step and its corresponding JIT Control Cycle.

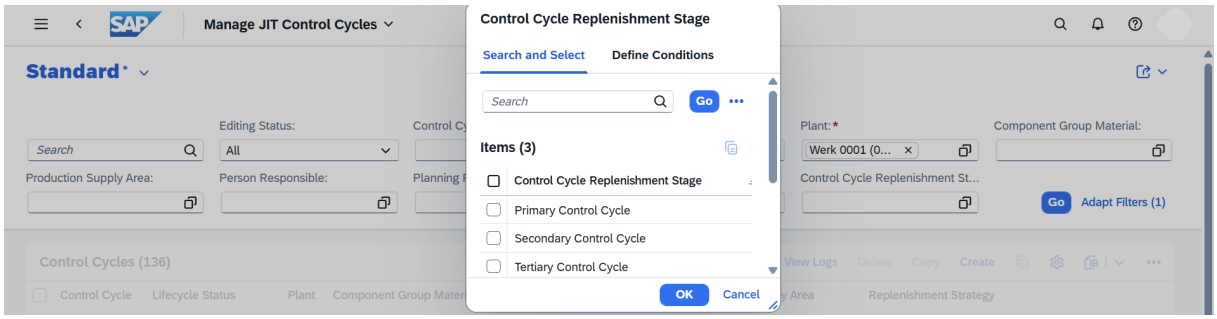
- **Two-step replenishment via Super Market (SuMa) with replenishment from external Supplier:**
  You can now configure secondary JIT Control Cycles for replenishment directly from an external supplier in two-step JIT replenishment processes.
  This enhancement enables external suppliers to replenish the secondary control cycle directly, supporting more efficient demand-driven inventory planning across multi-tier production supply chains. By reducing the need for intermediate warehouse stock, you can lower inventory levels, optimize material flow, and make more effective use of warehouse space.
- **Manage secondary control cycles with takt-based planning procedure for two-step replenishment in JIT Supply to Production:**

You can now configure secondary JIT Control Cycles with takt-based planning in two-step replenishment processes.
This enhancement extends takt-based replenishment planning to secondary control cycles, enabling more efficient inventory management and better utilization of storage space across the production supply chain. To ensure consistent planning results, the system validates the relationship between primary and secondary control cycles and prevents configurations that could result in conflicting demand data being used for replenishment planning.

- **Enabling forwarding functionality in summarized JIT Calls**:
  You can now configure JIT Control Cycles with the category - 'Summarized JIT Calls' to forward customer JIT demand to external suppliers. Forwarding can be controlled at the customer JIT call component group level and is based on a defined JIT Customer Supply Control, allowing manufacturers to decide which summarized JIT calls are forwarded. This provides greater flexibility and streamlines demand propagation across the supply chain.
- You can now **create JIS Calls when additional planned orders are generated for Sales Orders with multiple line items**.
- **Display of demands in the Plan Supply to Production app** when the planned order component PSA is overridden using a BAdI.
- **Display of demands in the Plan Supply to Production app for Bills of Material (BoMs)** containing phantom assembly items.

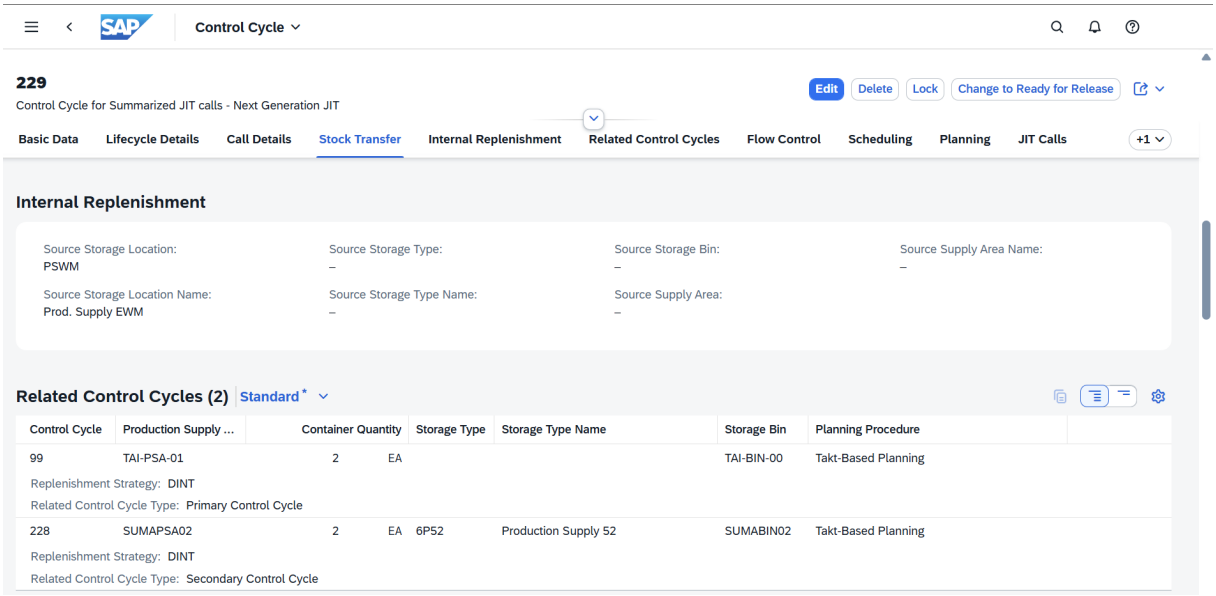
Examples of the User Interface

> **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.



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	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 FPS02

6.8.4 Next Generation Just-In-Time (JIT) Supply to Customer

Business Details

With this release, the following new features have been included:

1. **Automatic Auxiliary Packaging in EWM Handling Units** – Auxiliary packaging materials can now be automatically added to EWM handling units during JIT packing operations based on packing group specifications and slot allocation progress. You can use this to streamline warehouse packing processes

by eliminating manual entry of packaging materials while ensuring accurate inventory tracking and goods issue posting for returnable packaging management.

> **Note**
>
> This feature is supported only in integrated scenarios where EWM HU creation, production, and packing are completed through a single action. If these processes are executed separately, auxiliary materials cannot be added to the EWM HU.

2. **Enablement of Empty Packaging Material Usage** - This feature allows material planners to utilize empty packaging materials as fillers in containers with vacant slots, ensuring stability during transport and preventing goods from shifting or falling during EWM Handling Unit creation and packing confirmation.

> **Note**
>
> This feature is supported only in integrated scenarios where EWM HU creation, production, and packing are completed through a single action. If these processes are executed separately, usage of empty packaging materials cannot be enabled.

3. **Enhanced Scan Verification for EWM Packing** – Production operators can now scan additional attributes including source handling units and storage bins to accurately track product movement during packing processes, ensuring proper component group handling in Extended Warehouse Management systems.
4. **Custom Data Entry for JIT Call Confirmations** - Production operators can now input by Scan and store this custom data through mobile or desktop scanners, enabling verification of physical activities and collection of additional production information beyond standard component and handling unit confirmations.
5. **Manual Logistics Override for Emergency JIT Deliveries** - Manual adjustment of route, shipping type, and logistics parameters is now possible for summarized JIT calls before outbound delivery creation. You can use this when standard defaults don't meet urgent capacity constraints or special routing requirements, enabling flexible emergency delivery processing without system reconfiguration.
6. **JIS Call Cancellation Across Supply Chain Tiers** – This feature lets you synchronize cancellation of Just-In-Sequence calls from OEM through Tier 1 to Tier 2 suppliers, maintaining supply chain consistency. It will help you to prevent unnecessary component deliveries and reduce costs when production requirements change, while retaining flexibility to accept Tier 2 deliveries when needed.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	2EM (Just-In-Time Supply to Customer)
Technical Object Name	`NA`
Application Component	`LE-JIT-S2C` (*Just-In-Time Supply to Customer*)
Availability	SAP S/4HANA Cloud Private Edition

Related Information

Next Generation Just-In-Time (JIT) Supply to Customer

6.9 Quality Management

6.9.1 AI Assisted Search for Business Data

Business Details

In the SAP Fiori launchpad, you can now use AI Assisted Search to use natural language for searching business data. This applies to the following QM objects:

- Defects
- Inspection Lot
- Inspection Method
- Master Inspection Characteristics
- Quality Notification
- Quality Tasks
- Inspection Point
- Inspection Operations
- Quality Notification Activity
- Quality Notification Items
- Quality Notification Tasks

Implementation Details

Activate Natural Language Search

In the *Profile* menu of your Fiori launchpad, go to *Settings*. Under the *Search* tab, activate the *Natural Language Search* checkbox.

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
Valid as Of	2025 FPS02

Related Information

Use AI-Assisted Search

6.9.2 Record Defects for Process Orders

Business Details

You can now record and manage defects for process orders in the Record Production Defect app and the Manage Defects app. Previously, only production orders were available for selection when creating a defect. With this update, process orders are also available in the value help, so you can search for and select process orders directly.

Additional details

You can now filter and manage process order defects in the Manage Defects app. This enhancement helps you track and report non-conformance defects for both production orders and process orders, streamlining your quality management processes.

Implementation Details

No prerequisites or configuration changes are required. No effects on existing data.

Technical Details

Type	New
Localization	No localization
Scope Item	not applicable
Technical Object Name	not applicable
Application Component	`QM` (*Quality Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Record Production Defects

6.9.3 Enhanced Change Tracking and Lifecycle Management for Quality Certificate Receipts

Business Details

You can now track field-level changes to quality certificate receipts in both the *Manage Certificate Receipts* app and the *Change Quality Certificate Receipt* transaction (QC52). The system records a change log for most fields whenever you edit a certificate receipt. You can also archive and delete certificate receipts along with their change logs using the standard archiving process.

Additional Details

- Change logs are available in both the Fiori app and the GUI transaction.
- The delivery note field is not included in the change log.
- You can verify deletion of certificate receipts and change logs in the relevant tables and change documents.

Implementation Details

No prerequisites or configuration changes are required. No effects on existing data.

The archiving object for certificate receipts may vary depending on your system configuration.

Technical Details

Type	New
Localization	not applicable
Scope Item	not applicable
Technical Object Name	F3233
Application Component	QM (*Quality Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Quality Certificates for Goods Receipt
Creating Certificate Receipts

6.9.4 New BAdI: Follow-Up Action Validate Task Attributes

Business Details

A new BAdI, *Follow-Up Action Validate Task Attributes*, is available in Quality Task Management. You use it to validate mandatory parameters of follow-up actions in quality tasks before saving. If a mandatory parameter is empty, the system blocks the save and issues an error message.

Implementation Details

Prerequisites:

- You have implemented the BAdI `FOA_EXECUTION_FOR_TASK` for the execution of a follow-up action.
- The follow-up action has the object type Quality Task or Notification Task.

A sample implementation is available in class `CL_QM_EXPL_FOA_VALD_TSK_ATTR` .

Technical Details

Type	New
Localization	All Countries/Regions
Scope Item	Not applicable
Technical Object Name	FOA_VALIDATE_TASK_ATTRIBUTES
Application Component	QM-QN-TSK (*Quality Management-Quality Notifications-Tasks*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	SAP S/4HANA 2025 FPS02

6.9.5 Deprecation of Display Quality Info Record in Procurement (F2256)

Business Details

The *Display Quality Info Record in Procurement* (F2256) app is deprecated as of SAP S/4HANA 2025 FPS02. The app is removed in an upcoming release. The *Manage Quality Info Records* (F2256A) app is the successor and now supports both display and edit modes. Switch to F2256A to continue displaying and managing quality info records.

Additional Details

The successor app offers the following benefits:

- One app for displaying, creating, and changing quality info records. You handle all tasks in one place.
- Information on the production part approval process.
- Enhanced navigation options.

Implementation Details

Effects on Existing Data

Existing quality info records stay available and unchanged. The deprecated app keeps working during the deprecation phase. Both apps run in parallel until the deprecated app is removed.

Technical Details

Type	Deprecated
Action	Action/Review Required
Functional Localization	Not applicable
Scope Item	1FM (Procurement of Direct Materials with Inbound Quality Inspection)

Technical Object Name	App ID (predecessor):
	`F2256`
	App ID (successor):
	`F2256A`

Application Component	`QM-PT` (*Quality Planning*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	SAP S/4HANA 2025 FPS02

Related Information

Display Quality Info Record in Procurement (Deprecated)
Manage Quality Info Records

6.9.6 Support for User Fields in the Record Results for Inspection Points App

Business Details

User fields defined for freely-defined inspection points are now applied by the *Record Results for Inspection Points* app. The two text and two number user fields from the inspection point field combination — alongside date and time — appear in the app, together with customer function modules for default values, value help, and validation.

Implementation Details

Configure the user fields under the Customizing activity *Define Inspection Points* (*Quality Management > Quality Planning > Inspection Planning > Inspection Points > Define Inspection Points*). Set each field's *Keyword* for the app label, and set *Field Act.* to X for optional or to a numeric value for mandatory.

To customize default value proposal, value help entries, and save-time validation, assign customer function modules on the *Function modules* tab of the inspection point field combination.

Existing Customizing entries for the freely-defined inspection point field combination apply to the Fiori app without changes.

Technical Details

Type	Changed
Localization	All Countries/Regions
Scope Item	Not applicable
Technical Object Name (App ID)	`F2689`
Application Component	`QM-IM-RR` (*Results Recording*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	SAP S/4HANA 2025 FPS02

Related Information

Results Recording for Inspection Points
Record Results for Inspection Points

6.9.7 Custom Long Text Fields in Quality Certificates

Business Details

You can now add custom long text fields to outgoing quality certificates by creating a local BAdI implementation of `QM_QUALITY_CERTIFICATE_OUT` . All certificate content stays in SAP, so you no longer need external tools to add free-form text after certificate generation.

Additional Details

The custom text fields have no length restriction and can appear anywhere on the `QM_QCERT_01` certificate form. You can define conditions to control whether a field appears on a given certificate.

Implementation Details

To use this capability, configure the custom text fields in the local BAdI implementation, then position them on the `QM_QCERT_01` form layout.

Technical Details

Label	Value
Type	New
Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`QM_QCERT_01` (certificate form)
Application Component	`QM-CA-MD` (*Basic Data for Certificates*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

6.9.8 Output Management for All Defect Categories

Business Details

On the *Defect* object page, choose *Print* to create a PDF with the details of the defect. This function now applies to every defect category. In earlier releases, it was available only for warehouse defects (category 08).

Additional Details

Two default form templates are available:

- *QM_DEFECT_OVERVIEW_01* for defect categories 01 through 07. This template omits warehouse-specific fields.
- *QM_DEFECT_OVERVIEW_08* for defect category 08 (warehouse defect).

Both form templates are available in English only.

Implementation Details

Configure output rules in the *Output Parameter Determination* app (transaction *OPD*). The application object type is *Quality Management Defect Processing* (*QM_DEFECT*). Use the *Defect Category* application condition parameter in the *Form Template* determination step to route each defect category to the correct form template.

Prerequisites:

- You have made settings for output management for SAP S/4HANA in Customizing for *Cross-Application Components* under *Output Control* .

Monitor output requests in the *Manage Output Items* app.

Technical Details

Type	New
Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F2279`
Application Component	`QM-IM-RR-DEF` (*Defects Recording*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Output Management for Defects

6.9.9 AI-Assisted Processing of Incoming Quality Certificates

Business Details

With SAP Document AI, the system extracts data from uploaded quality certificate documents and matches them to existing certificate receipts automatically. Matching receipts are updated, missing ones are created,

and unclear cases are flagged for manual review. This accelerates the confirmation of incoming certificates and shortens the path to inspection lot release.

Additional Details

SAP Document AI extracts fields such as purchasing document number, delivery note, supplier, supplier batch, and material. The system uses fuzzy searching to identify the corresponding purchasing document item and the matching certificate receipt.

Based on the match result, the system takes one of three actions:

- Updates an existing certificate receipt (*Changed Automatically*).
- Creates a new certificate receipt (*Created Automatically*).
- Flags the case for manual review when the match is unclear.

The automation level is stored on the certificate receipt and visible in the *Manage Certificate Receipts* app (`F3233`). Users complete unresolved matches in the new *Review Certificate Document Matches* app.

Implementation Details

In SAP S/4HANA Cloud Private Edition, AI-assisted quality certificate processing uses SAP-managed AI services on SAP Business Technology Platform. Provisioning, entitlements, and technical setup of these services are handled outside Quality Management and follow the central SAP Document AI setup guidance.

Prerequisites

- Users have the business catalog *QM - Manage Incoming Quality Certificates* (`SAP_QM_BC_INCG_QLTY_CERT`), or the apps *Manage Certificate Receipts* (`F3233`), *Review Certificate Document Matches* (`F8537`), and *Upload Quality Certificate Documents* (`F8858`), assigned to their business roles.
- The schema for quality certificate extraction is activated in the *Manage Document AI Schema Registration Subscription* app (`F8996`). The relevant registration is `QLTY_CERT_DOC_EXTRACTION` (*Extraction of Quality Certificate Document*), with application-specific schema name `PROCUREMENT_QUALITY_CERTIFICATE_STANDARD`.
- Certificate types intended for AI-assisted processing must have enhanced certificate processing enabled.

Technical Details

Type	New
Localization	Not applicable
Scope Item	Not applicable

Technical Object Name (App ID)	*Manage Certificate Receipts*: F3233 *Review Certificate Document Matches*: F8537 *Upload Quality Certificate Documents*: F8858
Application Component	QM-CA-RE (*Certificate Receipt*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	SAP S/4HANA 2025 FPS02

Related Information

Integration with SAP Document AI

6.9.10 Manage Quality Levels: Display of Migrated Quality Levels

Business Details

Manually created and migrated quality levels appear at inspection lot or type level and at inspection characteristic level.

Implementation Details

Migrate quality levels before you display them in the app.

Technical Details

Type	Changed
Localization	All Countries/Regions
Scope Item	Not applicable
Technical Object Name (App ID)	F2914

Application Component	`QM-QC` (*Quality Certificates*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	SAP S/4HANA 2025 FPS02

6.9.11 Creation and Storing of Translations of QM Master Data

Business Details

This feature enables you to maintain your own translations for short descriptions through pop-ups.

With this enhancement, you can maintain short descriptions in multiple languages through new pop-up interfaces for:

- Dynamic Modification Rule (TA codes `QDR1` / `QDR2` / `QDR3`)
- Sampling Procedure (TA codes `QDV1` / `QDV2` / `QDV3`)
- Sampling Schemes (TA codes `QDP1` / `QDP2` / `QDP3`)

This allows you to support global operations with localized text beyond the default language.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`SAPMQDDR` (Module Pool for Dynamic Modification Rules) `SAPMQDSV` (Module Pool for Sampling Procedures) `SAPMQDSP` (Module Pool for Sampling Schemes)
Application Component	`QM` (*Quality Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

6.10 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* > *Cross-Applications* > *Define MMC Authorization Groups*	This new Customizing activity has been added as part of new *Manage Mass Manufacturing Changes* app. In this activity, you create authorization groups for mass manufacturing changes (MMCs) to define where the MMC is to be applied: For example, in all shop floor routings for plant 0001. This authorization group is also used in combination with authorization object `MPE_SOC` to control the activities that users can perform in specific plants. For more information, see Manage Mass Manufacturing Changes [page 341].
Production > *Manufacturing for Production Engineering and Operations* > *Production Engineering* > *Production Integration Portal (PiP) Data* > *Define PiP Data Settings*	A new column *Is Sort Field* is available when you define source item properties for the source items for operation activities, OA groups, and inspection characteristics This lets you define the sequence in which operation activities, OA groups, and inspection characteristics appear in the routing structure after the PiP handover, even if they're listed in a different sequence in the source file. That is, the value of the "sorting" source item property overrides the order in which the source items appear in the source file. For more information, see Production Integration Portal (PiP) [page 326].
Production > *Manufacturing for Production Engineering and Operations* > *Cross-Applications* > *Maintain Deviation Types*	This new Customizing activity in the *Compare As-Built with As-Planned* app allows you to configure deviation types according to your business needs. You can change

Customizing Path	Description
	the description of standard deviations and create custom deviation types by entering an ID.
Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Cross-Applications* > *BAdI: Handling of Deviations in Compare As-Built with As-Planned*	You can implement this BAdI so that the system does not display specific standard deviations and/or that it displays specific custom-defined deviations to the production supervisor in the *Compare As-Built with As-Planned* app.
Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Production Engineering* > *Production Integration Portal (PiP) Data* > *PiP Data for MES Integration*	This section contains five BAdIs that are relevant for integration with a manufacturing execution system **other than** SAP Manufacturing Execution (SAP ME). For more information, see Integration with a Manufacturing Execution System (MES) [page 320]
Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Complex Assembly* > *Major Assemblies and Installation Kits* > *BAdI: Major Assembly Project Source Type*	Use this BAdI to keep the creation of major assembly projects purely BOM-based if you don't want to make use of the benefits of major assembly routings. For more information, see Enhancements to the Process for Major Assemblies [page 318].
Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Complex Assembly* > *Major Assemblies and Installation Kits* > *BAdI: Skip WBS creation for Major Assembly*	WBS element is created by default when creating a major assembly project with installation kits. But you can choose to skip the WBS creation for individual MAs by using this BAdI.
Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Complex Assembly* > *Major Assemblies and Installation Kits* > *BAdI: Major Assembly Network Source: Routing*	When creating a routing-based major assembly project, PEO by default includes the latest major assembly routing available in the project. However, you can use this BAdI to change the routing and its counter at the time of project creation process before deciding the project structure.
Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Complex Assembly* > *Major Assemblies and Installation Kits* > *BAdI: Major Assembly Swap Plan Determination*	Use this BAdI to determine the swap plan for the major assembly swap. This is a prerequisite to successfully swap major assemblies with its swap partners.
Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Complex Assembly* > *Major Assemblies and Installation Kits* > *BAdI: Major Assembly Swap Validation*	You can use this BAdI to add validations to your swap partners when swapping major assemblies.
Production > *Manufacturing for Production Engineering and Operations* > *Complex Assembly* > *Define Process Tasks for a Major Assembly Swap*	In this Customizing activity, you can define the process task and technical swap steps required for the major assembly swap. This is mandatory to carry out major assembly swap.
Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Business*	In this Customizing activity, you can determine which *Analyze Change Impact* app the system will navigate to when you choose *Analyze Impact* in the *Manage Change Records*

Customizing Path	Description
Add-Ins (BAdIs) > *Production Engineering* > *BAdI: Determine Change Impact Analysis Application*	app. By default, the system navigates to the *Analyze Change Impact* (App ID F2664) app. You can make it navigate to *Analyze Manufacturing Change Impact* (App ID F2664A) app instead.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	PP-PEO (*Production Engineering and Operations*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Define Customizing Settings for PiP Data
Settings for Mass Manufacturing Changes

7.1.2 Global Alternatives

Business Details

SAP S/4HANA Manufacturing for production engineering and operations (PEO) now supports the use of global alternatives defined in a form-fit-function class (FFF class). This enhancement gives you more flexibility to replace fully interchangeable components in a production order without having to update the BOM. In shop floor orders, you can exchange a component for a material that has been defined as a member of the same FFF class. In such cases, PEO tracks the use of global alternatives in the end-to-end process.

Components often need to be exchanged, for example, due to defects, stock shortages, or changes in safety requirements. A form-fit-function class is a grouping of fully interchangeable parts that have identical technical properties in terms of form, fit, and function.

For more information on setting up FFF classes, see

- Form-Fit-Function Class (FFF Class)
- Maintaining Fully Interchangeable Parts

To support this feature, the apps have been enhanced:

Manage Planning Routings, Manage Shop Floor Routings, Manage Order-Specific Shop Floor Routings

In the *Component Assignment Workspace* of these apps, it's now possible to identify whether a BOM component is part of a form-fit-function class (FFF class) and to display the materials with which it's fully interchangeable.

If global alternatives defined using an FFF class exist for the component, then the *FFF Class* column displays the name of the FFF class. After selecting the component and choosing *Display Component Details*, the *BOM Item Details* dialog box shows the *FFF Class* tab, where the system displays the other members of the FFF class. These materials are fully interchangeable with the material currently in the BOM.

Furthermore, a column called *Alternatives Exist* contains an icon ( ) if any of the following types of alternative are defined for a specific BOM component:

- Alternative item group
- Simple discontinuation
- Form-fit-function class

In the *Component List Workspace* of the *Manage Order-Specific Shop Floor Routings* app, a *Form-Fit-Function Class* is also available. If global alternatives defined using an FFF class exist for the component, then this column displays the name of the FFF class. After selecting the component and choosing *Additional Info* > *Display FFF Class*, the system displays the other members of the FFF class in a dialog box.

The column *Alternative Component Used in Order* indicates which member of the FFF class is selected in the production order.

> **Note**
>
> This column can also indicate the follow-up material that's selected in the production order in a simple discontinuation scenario (where the *FFF Class* column is empty and the *Simple Discontinuation* column contains an X).

Manage Production Orders and Manage Production Operations

The column *Available Alt. Type* (available alternative type) in the *Components* section now supports global alternatives from an FFF class, in addition to global alternatives for simple discontinuation and BOM item alternatives from an alternative item group (AIG). If an alternative component is available, this column contains the *Exchange* button and one of the following values:

- *Alternative Item Group*: You can exchange the component for a member of an alternative item group.
- *Simple Discontinuation*: You can exchange the component for the follow-up material defined using simple discontinuation.
- *FFF Class*: You can exchange the component for a member of an FFF class.

> **Note**
>
> If multiple alternative types are defined for a component, then the AIG takes priority over the FFF class and simple discontinuation, and simple discontinuation takes priority over the FFF class.

It's possible to exchange the primary component of the FFF class for an alternative member of the FFF class, by choosing the *Exchange* button and selecting an alternative component from the dialog that appears.

> ⓘ Note
>
> The material exchange functionality after goods issue is no longer supported.

> → Tip
>
> To add the *Available Alt. Type* column to the *Components* table, choose ⚙ *Settings* and select them from the *View Settings* dialog.

For more information, see Using Global Alternatives.

Production Action Log

When a component is exchanged for a global alternative, a corresponding message is written to the production action log under the *Component Exchange* action. The details for this action display the name of the FFF class and components involved in the exchange in the *Component / Assembly Details* section.

Product Genealogy and Order Genealogy

In the *Components* section, a new *FFF Class* column contains the name of the FFF class to which a component belongs.

The possible values of the *Component Alt. Type* (*Order Component Alternative Type*) column indicate the component that was used to assemble the product:

- *Primary*: original component
- *Alternative*: an alternative member of an alternative item group or an FFF class
- *Follow-Up*: the follow-up material defined for simple discontinuation in the material master record

> ⓘ Note
>
> This column contains a value only if an alternative component exists. Otherwise, it's blank.

As-Built Report and Compare As-Built with As-Planned

In these apps, it's possible to add a new *FFF Class* column to the layout to display the name of the FFF class to which a component belongs.

The possible values of the *Component Alt. Type* (*Order Component Alternative Type*) column indicate the component that was used to assemble the product:

- *Primary*: original component
- *Alternative*: an alternative member of an alternative item group or an FFF class
- *Follow-Up*: the follow-up material defined for simple discontinuation in the material master record

> ⓘ Note
>
> This column contains a value only if an alternative component exists. Otherwise, it's blank.

If a global alternative was assembled, the *Compare As-Built with As-Planned* app indicates that a difference exists between the as-built and as-planned.

- The *Planned Material* column contains the planned component (the primary component of the FFF class).
- The *Consumed Material* column contains the alternative component that was assembled.

This difference isn't flagged as a deviation.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App IDs: `MSFR14` (*Manage Planning Routings)* `MSFR4` (*Manage Shop Floor Routings*) `F2336`(*Manage Production Orders*) `F2335` (*Manage Production Operations*) `MSFR7` (*Manage Order-Specific SF Routings*) `F2869` (*Production Action Log*) `F2892` (*Product Genealogy*) `F5865` (*Order Genealogy*) `MPE_AS_BUILT` (*As-Built Report*) `MPE_AS_BUILT_COMPARE` (*Compare As-Built with As-Planned*)
Application Component	`PP-PEO` (*Production Engineering and Operations*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

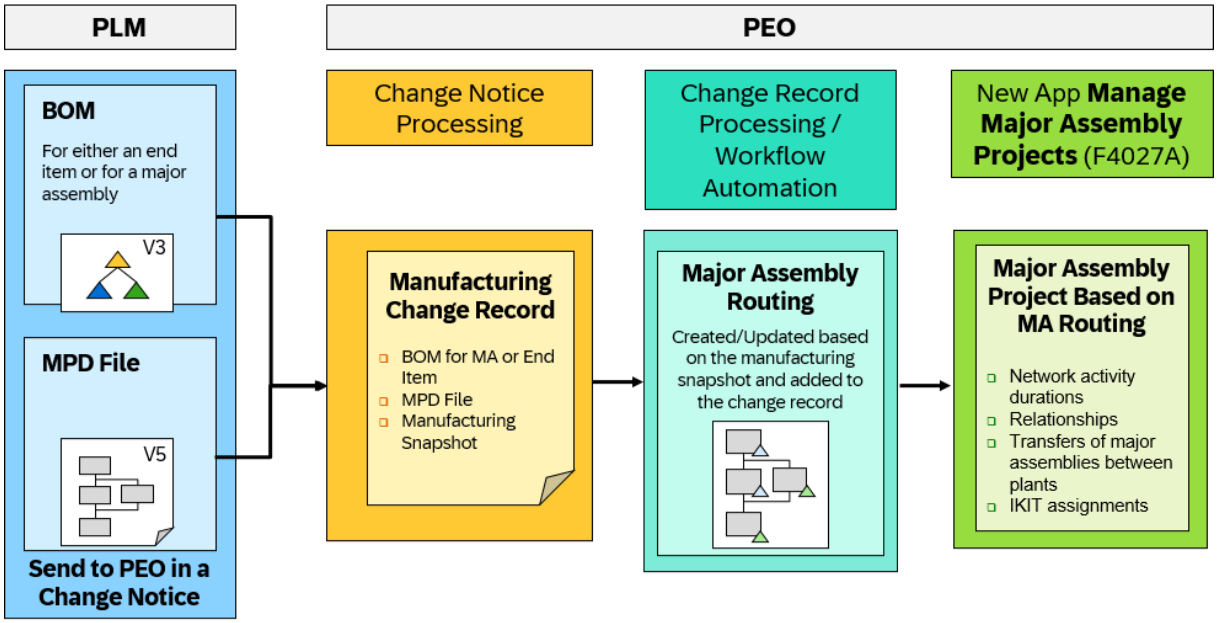
Related Information

Using Global Alternatives

7.1.3 Enhancements to the Process for Major Assemblies

Business Details

This business process has been enhanced with a new object type **major assembly routing**, which supports the production of both major assemblies and end items. The PEO system uses data sent from an external PLM system to create a major assembly (MA) routing. The operations of an MA routing map the durations of network activities, installation kit assignments, relationships, and stock transfers of major assemblies to/from different plants. MA routings support the creation of major assembly projects.



To support this process, the following apps/functions have been enhanced:

New Process Variants

1. It's now possible for end items to have installation kits as their immediate child in the major assembly project structure.
2. It's now possible to assign multiple installation kits to one network activity.
3. You can create a major assembly routing for major assemblies and end items, where you can map networks, and network activities more quickly and flexibly.

Correspondence Between Elements in a Major Assembly Routing and in the Project System

Element in Major Assembly Routing (Transaction `MSFR34`)	Element in Project System
Major Assembly Routing	Network
Operation	Network Activity
Component	All components in a major assembly routing are installation kits.
Component Assignment	Reservation

Production Integration Portal (PiP)

It's now possible to use PiP to hand over MPD files sent in a change notice to create major assembly routings for the production of major assemblies and end items. You first need to define a new PiP file class in Customizing for major assembly routings. You can also define a workflow that automatically creates major assembly routings from a manufacturing snapshot.

For more information, see Manage Major Assembly Routings [page 347].

Manage Change Records

Major assembly routings appear in the *Shop Floor Routings* section of the manufacturing change record. You can recognize them by displaying the *Major Assembly* column, which contains the value `Yes` for major assembly routings.

Bills of material for major assemblies and for end items appear in the *Manufacturing BOMs* section of the manufacturing change record.

For more information, see Manage Change Records [page 344].

Manage Major Assembly Routings

This new app supports the new process for major assemblies and end items. After sending a change notice containing an MPD file and a BOM for the purpose of producing a major assembly or end item, the system automatically creates a major assembly routing. You can display major assembly routings and their attributes in this app to check that the automatic handover from your PLM system was successful. Alternatively, you can manually create a major assembly routing from scratch in this app.

For more information, see Manage Major Assembly Routings [page 347].

Manage Major Assembly Projects

The *Manage Major Assembly Projects* app with app ID `F4027` has been deprecated and replaced by a new app with the app ID `F4027A`, which has enhanced features along with existing functionalities. You can create, assign, and display major assembly projects and get an overview of the projects in this app.

When creating a major assembly project, the system creates a routing-based project by default. Which means that the system asks you to give the major assembly routing details and its corresponding BOM at the time of project creation. Basing your project on a major assembly routing speeds up the project creation process. There are new process variants that give more flexibility to the complex structures of the major assembly project enabling you to smoothly carry out the planning and execution of the project. For more information, see Manage Major Assembly Projects [page 351].

However, you can now implement a BAdI to create projects using major assembly with BOM as the source. See the *Customizing* section for more information on creating MA projects with BOM as the source.

Implementation Details

Customizing

Production > *Manufacturing for Production Engineering and Operations* > *Production Engineering* > *Production Integration Portal (PiP)* > *Data Define PiP Data Settings*

If you intend to create major assembly routings by handing over an MPD file from your external PLM system: In this Customizing activity, you create a new file class for major assembly routings. For more information, see Manage Major Assembly Routings [page 347], under the *Customizing* section.

Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Complex Assembly* > *Major Assemblies and Installation Kits* > *BAdI: Major Assembly Project Source Type*

Use this BAdI to keep the creation of major assembly projects purely BOM-based if you don't want to make use of the benefits of major assembly routings.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App IDs: `MSFR34` (*Manage Major Assembly Routings*) `F4027` (*Manage Major Assembly Projects*)
Application Component	`PP-PEO` (*Production Engineering and Operations*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

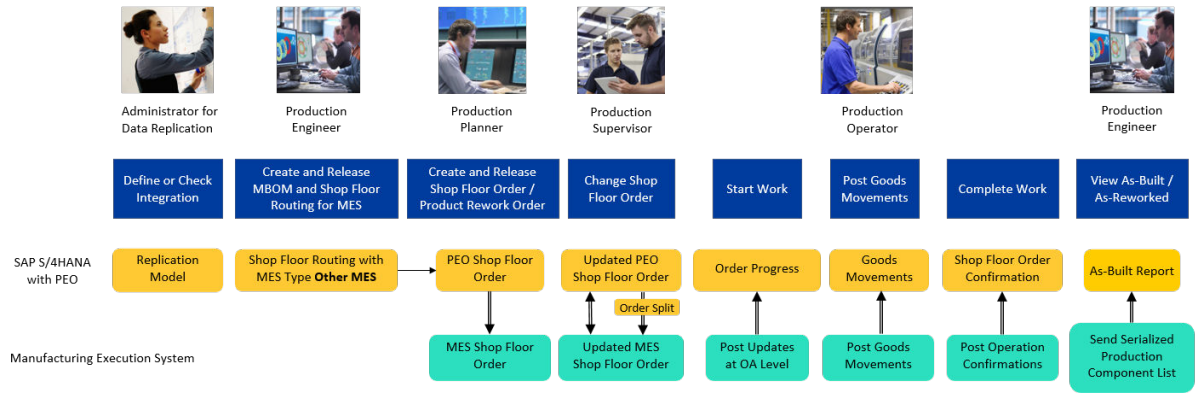
Related Information

Manage Major Assembly Routings [page 347]

7.1.4 Integration with a Manufacturing Execution System (MES)

Business Details

With this feature, it's possible to perform production engineering in SAP S/4HANA Manufacturing for production engineering and operations (PEO) and production execution in a manufacturing execution system (MES) **other than** SAP Manufacturing Execution (SAP ME), to utilize the benefits of each solution. It's also possible to send as-built information from your external MES back to PEO and use the apps *As-Built Report* and *Compare As-Built with As-Planned* to analyze the data in PEO.



The main principles of the integration of PEO with an MES are as follows:

- IDocs, RFC-enabled function modules, and MPD files make sure that the shop floor execution data in the PEO system and the MES are kept in sync. For more information, see Interfaces for PEO-MES Integration.
- PEO sends all available shop floor order information to MES.
- PEO doesn't control the execution of operation activities or the sequence in which MES returns information. The flow of information sent from the MES to PEO is asynchronous, independent, and the sequence in which updates are posted can be fully flexible.

Beyond the standard process, the following scenarios are also supported:

- Changes to the shop floor order that are initiated by PEO and replicated in the MES
- Changes to the shop floor order that are initiated by the MES and replicated in PEO
- An order split that is initiated in the PEO system and replicated in the MES
- Product rework orders can also be replicated and executed in an MES

The following functionality and apps have been enhanced to support this feature:

Manage Shop Floor Routings

It's now possible to create shop floor routings for which the shop floor execution tasks are to be performed in an external manufacturing execution system (MES) other than SAP Manufacturing Execution (SAP ME). A new header attribute *MES Type* defines whether a routing or template created with an active *Execution in MES* flag is relevant for:

- SAP ME
- Other MES

For more information, see How to Create New Routings.

The checks performed upon release of shop floor routings with the MES type *Other MES* have been relaxed with regard to:

- Component assignment
- Unitized parameter effectivity

For more information, see Features of Routings and Shop Floor Orders to be Executed in an MES.

Create Production Order and Change Production Order in the PEO System

Upon release of an order based on a shop floor routing with MES type `Other MES` in the *Create Production Order* app, the system replicates the order information (header data, components, sequences, and operations) to the MES by sending an IDoc `LOIPRO05`. An MPD file is attached to this IDoc in segment `E1AFDH0` whose

parent segment is E1AFK0L. This file contains all the information specific to the operation activities, such as work instructions PRTs, and so on. The MPD file is also attached to the shop floor order and can be accessed by choosing *Documents* from the toolbar when you display the order in transaction CO03.

- The status RDIS (*Relevant for Distribution to MES*) is assigned to created, but not yet released shop floor orders for which shop floor execution is to be performed in an external MES.
- The status DISB (*Distributed to MES*) indicates that a shop floor order has been replicated in the MES.

It's also possible to change a shop floor order in the PEO system, by creating an order-specific shop floor routing (OSR), making the required changes and releasing the OSR. The PEO system then sends a new IDoc to the MES with a new version of the MPD file attached to it, and the MES updates the shop floor order accordingly in the MES.

Change Shop Floor Order in the MES

If you intend to make changes to the shop floor order in the MES, you need to define a new, or enhance an existing, file class for the Production Integration Portal (PiP) in Customizing. For more information, see the *Production Integration Portal (PiP)* and *Customizing* sections.

After making changes to the shop floor order in the MES, such as updating components, operations, or OAs, PEO receives an xml file and an order-specific manufacturing snapshot, which automatically creates and releases an order-specific shop floor routing (OSR) in the PEO system, and thus updates the order in the PEO system. After a successful order update in the PEO system, the PEO system sends an IDoc and MPD to the MES.

In the PEO system, you can access the manufacturing snapshot in the *Monitor Snapshots* app, by filtering according to the order number. You can access the automatically created OSR in the *Manage Order-Specific SF Routings* app, also by filtering according to the order number.

BAdIs are available to facilitate the handover of order-specific components and matching of operations, OAs, OA groups, and sequences between PEO and the MES. See the *Customizing* section for more information.

Perform Order Split in the PEO System

It's possible to perform an order split in the *Manage Production Orders* app. The system then sends two IDocs to the MES:

- IDoc for the parent order
- IDoc for the child order, which contains a reference to the parent order (field P_AUFNR in the segment for the order header (E1AFK0L)

If the order is for a serialized product, you select both the serial numbers and the operations to be moved to the child order. The serial numbers for the parent and child order are sent in segment E1AFSER, which is a child segment of segment E1AFP0L for the order items.

Post Updates on Order Progress from the MES

It's now possible to use an RFC-enabled function module MPE_OA_QLTATV_ACTL_DATA_UPDT to send an update of the shop floor execution status of individual operation activities (OAs) from the MES to PEO. For more information, display this function module in transaction SE37 and choose *Function Module Documentation*.

Goods movements and operation confirmations are sent to PEO using the existing function modules BAPI_GOODSMVT_CREATE and BAPI_PRODORDCONF_CREATE_TT. After the last operation confirmation is sent from the MES to PEO, the shop floor order is confirmed.

Product Rework

It's also possible to perform shop floor execution tasks for a product rework order in an external MES. The rework order must be based on a shop floor routing with active *Product Rework* and *Execution in MES* indicators, where the *MES Type* is `Other MES`.

As-Built Report, Compare As-Built with As-Planned, and As-Reworked Report

A new RFC-enabled function module `MPE_EXEC_SPCL_INH_PRODN_WRITE` can be used to send a serialized production component list (SPCL) from the MES to PEO. An SPCL is a list of components that have been assembled or disassembled during the production process of a serialized product. It's used to store the as-built information of the serialized product.

You can then use the *As-Built Report*, *Compare As-Built with As-Planned* and *As-Reworked Report* apps (depending on the order type) in the PEO system to analyze and track the production process at the level of the shop floor order.

> **Note**
>
> When data is sent from the MES to PEO through this function module for a specific shop floor order, it overwrites any previous versions of data that have been sent for this shop floor order. You can choose how often you send this information from the MES to PEO.

For more information, display this function module in transaction `SE37` and choose *Function Module Documentation*.

Production Integration Portal (PiP)

The Production Integration Portal (PiP) can be used to keep data up-to-date and consistent across the following three systems:

1. Production Lifecycle Management (PLM) (optional)
2. SAP S/4HANA Manufacturing for production engineering and operations (PEO)
3. Manufacturing execution system (MES) **other than** SAP Manufacturing Execution (SAP ME)

Handover of an MPD file from an external PLM system to PEO to create a shop floor routing (optional)

It's now possible to perform a PiP handover to create shop floor routings whose shop floor execution tasks are to be performed in an MES.

> **Note**
>
> You can, of course, create shop floor routings for PEO-MES integration from scratch directly in the PEO system. For more information, see the *Manage Shop Floor Routings* section.

Handover of changes made to the shop floor order from the MES to PEO (optional)

If you intend to make changes to the shop floor order in the MES and send this information back to the PEO system, you need to configure the PiP data settings in Customizing accordingly. See the *Customizing* section for more information.

Implementation Details

Customizing

For more information on how to set up the required framework, interfaces, and Customizing settings, see Settings for PEO-MES Integration.

Production > *Manufacturing for Production Engineering and Operations* > *Production Operations* > *Define Additional Parameters for Processing Shop Floor Orders*

In this Customizing activity, two fields are available under *MES Integration*, where you specify the document type and storage category for the MPD file that's used to send created or changed shop floor orders from PEO to the MES.

- *Document Type for MPD File*
- *Storage Category of MPD File*

For more information, see the system documentation for these two fields.

> → Tip
>
> If you also want to perform product rework in an external MES, you need to repeat this step for the order type that's used for product rework orders.

Production > *Manufacturing for Production Engineering and Operations* > *Production Engineering* > *Production Integration Portal (PiP) Data* > *Define PiP Data Settings*

In this Customizing activity, you can now:

1. Add and map source item properties for the PiP handover of MPD files from your PLM system to create shop floor routings for PEO-MES integration.
2. Add and map source item properties to make sure that the IDs of the following routing entities are stable and consistent across your PLM, PEO, and MES systems:
   - Routing/Template header
   - Sequence
   - Operation
   - Operation activity group
   - Operation activity
3. Add and map source item properties to allow MES-driven order changes to be updated to the respective shop floor orders in PEO.

> → Tip
>
> Use separate PiP file classes for the following purposes:
>
> - Sending MPD files from your PLM system to create shop floor routings in the PEO system
> - Sending MPD files back to PEO to update shop floor orders in the PEO system with MES-driven changes
>
> If you create shop floor routings directly in the PEO system and only intend to make changes to shop floor orders in the PEO system, then you don't need to create a PiP file class at all.

Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Production Engineering* > *Production Integration Portal (PiP) Data* > *PiP Data for MES Integration*

This section of Customizing contains five BAdIs for handing over changes made to the shop floor order in the MES back to the shop floor order in PEO:

BAdI Definition	BAdI Name	Purpose
EX_MPE_STA_MES_INT_GROUP	BAdI: Find Matching Operation Activity Group	This is a collection of four BAdIs which match the following MES entities with PEO entities when an MPD file is sent from the MES to adjust a specific shop floor order in PEO: • Operation activity groups • Operation activities • Operations • Sequences They can be used to implement your own logic for establishing links (reference assignments) between the entity from the MES in the MPD file and the entity in the production order in PEO.
EX_MPE_STA_MES_INT_OA	BAdI: Find Matching Operation Activity	
EX_MPE_STA_MES_INT_OPERATION	BAdI: Find Matching Operation	
EX_MPE_STA_MES_INT_SEQUENCE	BAdI: Find Matching Sequence	
EX_MPE_STA_DRCT_ASSGN_OSR_BOM	BAdI: Direct Assignment for OSR BOM	This BAdI is executed when an MPD file is sent from the MES to adjust a specific shop floor order in PEO. It facilitates the handover of order-specific components.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App IDs: `MSFR4` (*Manage Shop Floor Routings*) `CO01` (*Create Production Order*) `CO02` (*Change Production Order*) `F4908` (*Monitor Snapshots*) `MSFR7` (*Manage Order-Specific Shop Floor Routings*) `F2336` (*Manage Production Orders*) `MPE_AS_BUILT` (*As-Built Report*) `MPE_AS_BUILT_COMPARE` (*Compare As-Built with As-Planned*) `MPE_AS_REWORKED` (*As-Reworked Report*)
Application Component	`PP-PEO` (*Production Engineering and Operations*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

S/4HANA-MES Integration (PP-MES)
Integration with a Manufacturing Execution System (MES)
Production Integration Portal (PiP) [page 326]
Restrictions for Routings to be Executed in a Manufacturing Execution System (MES)

7.2 Extended Production Engineering

7.2.1 Production Integration Portal (PiP)

Business Details

It's now possible to define a sort sequence for operation activities, OA groups, and inspection characteristics that overrides the successive order in which these entities appear in your source file. It's also possible to map relationships between sequences. New target object fields are available for the automatic creation of major

assembly routings. Furthermore, PiP also plays a pivotal role in integration with an external manufacturing execution system (MES).

Sorting Options

A new column *Is Sort Field* is available when you define source item properties for your source items for operation activities, OA groups, and inspection characteristics in Customizing.

If you want to define a sort sequence that overrides the successive order in which the entities of the selected source item appear in the source file, you can:

1. Create a source item property for sorting in the source items for operation activity, OA group, or inspection characteristic.
2. Activate the checkbox in the *Is Sort Field* column for this source item property.

A source item property for sorting allows you to define the sequence in which these source items appear in the routing structure after the PiP handover, even if they're listed in a different sequence in the source file. That is, the value of the "sorting" source item property overrides the successive order in which the source items appear in the source file.

Example

For the source item `OA` (operation activity), you've defined a source item property `SORT` where the checkbox for the *Is Sort Field* column is active. Your MPD file contains four `OA` source items with the source item properties `ID` (operation activity ID) and `SORT` as follows:

ID	SORT
OA41	4
OA22	1
OA35	3
OA30	2

- In the MPD file, these four OAs are listed in the successive sequence: OA41, OA22, OA30, OA35.
- In the PiP workspace, the value of the `SORT` source item property overrides the source file's sequence of OAs.
- In the shop floor routing that is created by means of the PiP handover, the OAs appear in the successive sequence OA22, OA30, OA35, OA41, in accordance with the value of the `SORT` source item property.

Mapping Relationships Between Operation Activities in Different Sequences

It's now possible to hand over relationships between operation activities of different sequences in the MPD file.

Example

In this excerpt of a sample MPD file, operation activity OA4 of operation 0040 in sequence 2 can't start until operation activity OA3 of operation 0030 in sequence 1 has finished:

Sample Code

```
<Relationship>
     <SAP-RELSHP-PREDECESSOR>
          <Seq>
               <PLNFL>000001</PLNFL>
```

```
          </Seq>
          <Opr>
               <Vornr>0030</Vornr>
          </Opr>
          <OA>
               <ID>OA3</ID>
          </OA>
     </SAP-RELSHP-PREDECESSOR>
     <SAP-RELSHP-SUCCESSOR>
          <Seq>
               <PLNFL>000002</PLNFL>
          </Seq>
          <Opr>
               <Vornr>0040</Vornr>
          </Opr>
          <OA>
               <ID>OA4</ID>
          </OA>
     </SAP-RELSHP-SUCCESSOR>
</Relationship>
```

Using the Production Integration Portal (PiP) for Major Assembly Projects

It's also possible to use PiP to hand over MPD files to create major assembly routings for the production of major assemblies and end items.

For more information, see Manage Major Assembly Routings [page 347] and Enhancements to the Process for Major Assemblies [page 318].

Mapping an ID from an External PLM System

You can now map and hand over the source system's IDs of routing entities (that is, the technical names of routings and their subnodes in the external PLM system).

In the *Details Workspace*, the *External ID* field contains the source system's ID of the corresponding routing entity. This field is available for the following routing and template entities that were created by means of a PiP handover:

- Routing/Template header
- Sequence
- Operation
  The *External ID* field for an operation is located on the *General Data* tab page within the *General* tab page for the operation.
- Operation activity group
- Operation activity

> ### Example
>
> A routing was created in PEO by means of a PiP handover from an external PLM system. In PEO, a specific operation activity has the ID `OA1`. In the *Details Workspace*, the *External ID* field for this operation activity contains the value `1_1`. PEO users can now refer to this operation activity as `1_1` when communicating with users of the external PLM system and thus avoid misunderstandings.

> ### → Tip
>
> If your PEO system is integrated with a manufacturing execution system (MES) **other than** SAP Manufacturing Execution (SAP ME): When a production order is sent from PEO to the MES, the system

also sends these external IDs, thus making sure that the IDs for routing entities are stable and consistent across all 3 systems: PLM, PEO, and the MES.

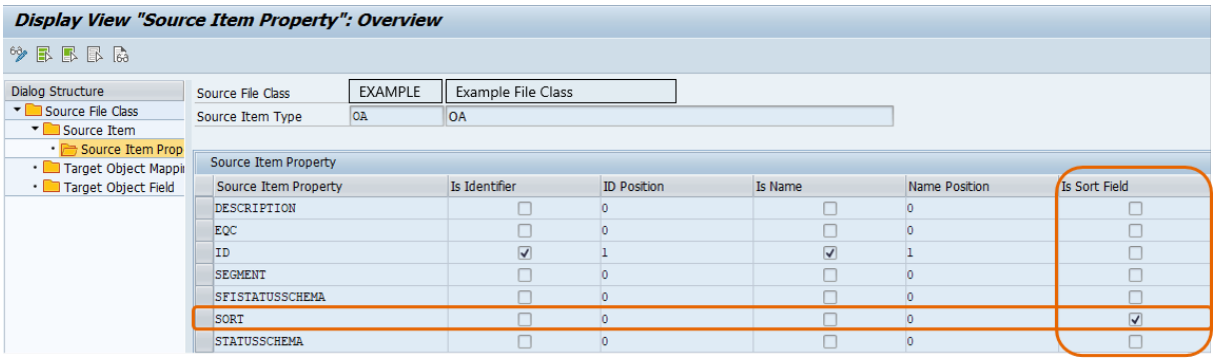
Using the Production Integration Portal (PiP) for Integration with an External Manufacturing Execution System (MES)

PiP plays a pivotal role in the integration of PEO with a manufacturing execution system (MES) **other than** SAP Manufacturing Execution (SAP ME).

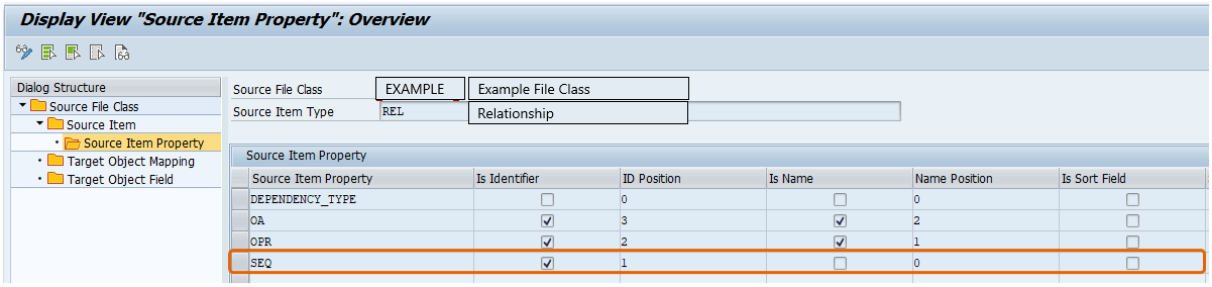
For more information, see Integration with a Manufacturing Execution System (MES) [page 320].

Examples of the User Interface

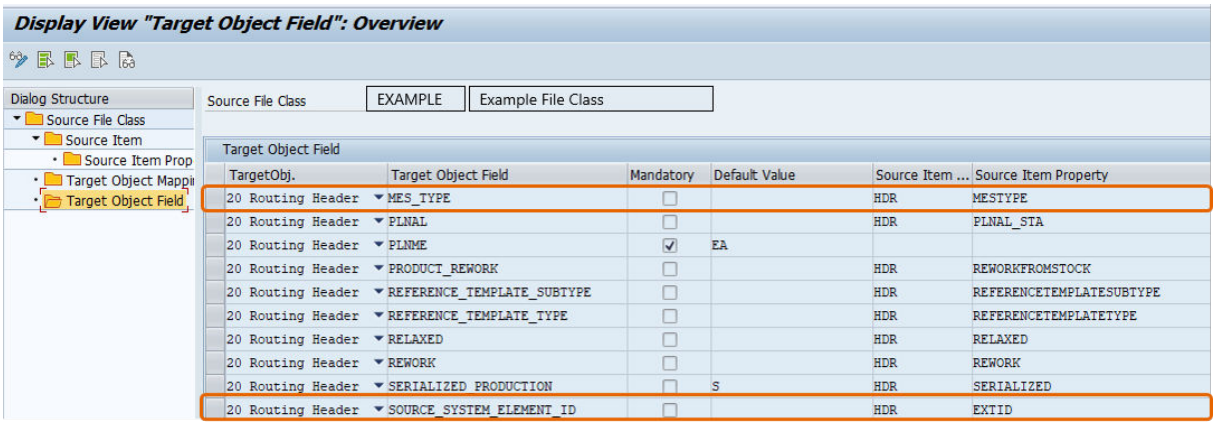
> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.



Source Item Property for Sorting Routing Entities in Customizing for the Production Integration Portal (PiP)



Source Item Property for Relationships in Customizing for the Production Integration Portal (PiP)



Mapping for MES Integration and External IDs of Routing Entities in Customizing for the Production Integration Portal (PiP)

In this example, the target object field `MES_TYPE` must be equal to **0** (Other MES) for routings whose tasks are to be executed in an MES other than SAP ME.

The source system's ID of the routing header is mapped to the target object field `SOURCE_SYSTEM_ELEMENT_ID`. You also need to map the source system IDs to the target object field `SOURCE_SYSTEM_ELEMENT_ID` for the following target objects:

- Operation
- OA group
- Operation activity
- Sequence

Implementation Details

Customizing

Production > *Manufacturing for Production Engineering and Operations* > *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.

- Here, you can create a source item property for the sorting of the following source item types:
  - Operation activity
  - OA group
  - Inspection characteristic

  For more information, see the screenshot *SORT Source Item Property in Customizing for the Production Integration Portal (PiP)*
- You can now add the source item property for sequences to the source item type for relationships, to allow the mapping of relationships between different sequences.
  For more information, see the screenshot *Source Item Property for Relationships in Customizing for the Production Integration Portal (PiP)*.
- To hand over MPD files for the creation of major assembly routings, you need to create a new file class in this Customizing activity.

For more information, see Manage Major Assembly Routings [page 347], under the *Customizing* section.

- To hand over MPD files for routings whose tasks are to be executed in an MES other than SAP ME:
  - Add a source item property for the MES type to the source item type for the routing header
  - Add a source item property for the source system's ID and map it to the target object field `SOURCE_SYSTEM_ELEMENT_ID` for the following source item types:
    - Routing/Template header
    - Sequence
    - Operation
    - Operation activity group
    - Operation activity

  For more information, see the screenshot *Mapping for MES Integration and External IDs of Routing Entities in Customizing for the Production Integration Portal (PiP)*.

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 FPS02

Related Information

Define Customizing Settings for PiP Data
Enhancements to the Process for Major Assemblies [page 318]
Integration with a Manufacturing Execution System (MES) [page 320]

7.2.2 Manage Planning Routings

Business Details

It's now possible to identify whether a BOM component is part of a form-fit-function class (FFF class) and to display the materials with which it's fully interchangeable.

Form-Fit-Function Class (FFF Class) Information

In the *Component Assignment Workspace*, a column called *FFF Class* has been added. If global alternatives defined using an FFF class exist for the component, then this column displays the name of the FFF class. After selecting the component and choosing *Display Component Details*, the *BOM Item Details* dialog box shows the *FFF Class* tab, where the system displays the other members of the FFF class. These materials are fully interchangeable with the material currently in the BOM.

A *Form-Fit-Function Class* column is also available in the *Details Workspace* in the *Assigned Components* table on the *Components* tab page for an operation or operation activity. If global alternatives defined using an FFF class exist for the component, then this column also displays the name of the FFF class.

For more information on setting up FFF classes, see Form-Fit-Function Class (FFF Class).

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 FPS02

Related Information

Using Global Alternatives

7.2.3 Manage Shop Floor Routings

Business Details

This app now supports:

- Integration with an external manufacturing system (MES)
- Global alternatives defined in a form-fit-function (FFF) class
- Displaying reference components in the *Component Assignment Workspace*

Furthermore, it's now possible to delete multiple operations in the *Structure Workspace* in a single step.

Integration with a Manufacturing Execution System (MES)

With this feature, it's possible to perform production engineering in SAP S/4HANA Manufacturing for production engineering and operations (PEO) and production execution in a manufacturing execution system (MES) **other than** SAP Manufacturing Execution (SAP ME), to utilize the benefits of each solution.

It's now possible to create shop floor routings for which the shop floor execution tasks are to be performed in an external manufacturing execution system (MES) **other than** SAP Manufacturing Execution (SAP ME). A new header attribute *MES Type* defines whether a routing or template created with an active *Execution in MES* flag is relevant for:

- SAP ME
- Other MES

The checks that the system performs upon release of shop floor routings with the MES type *Other MES* are more relaxed with regard to:

- Component assignment
- Unitized parameter effectivity

For more information, see Integration with a Manufacturing Execution System (MES) [page 320].

Working with Alternative Components

PEO now supports the use of global alternatives defined in a form-fit-function class (FFF class). This enhancement gives you more flexibility to replace fully interchangeable components in a production order without having to update the BOM. You can exchange a component for a material that has been defined as a member of the same FFF class.

In this app, it's now possible to identify whether a BOM component is part of a form-fit-function class (FFF class) and to display the materials with which it's fully interchangeable.

- A column called *Form-Fit-Function Class* is available in the *Component Assignment Workspace*. If global alternatives defined using an FFF class exist for the component, then this column displays the name of the FFF class. After selecting the component and choosing *Display Component Details*, the *BOM Item Details* dialog box shows the *FFF Class* tab, where the system displays the other members of the FFF class. These materials are fully interchangeable with the material currently in the BOM.
- A *Form-Fit-Function Class* column is also available in the *Details Workspace* on the *Components* tab page in the *Assigned Components* table for an operation or operation activity. If global alternatives defined using an FFF class exist for the component, then this column also displays the name of the FFF class.

Furthermore, a column called *Alternatives Exist* is also available in the *Component Assignment Workspace*.

This column contains an icon () if any of the following types of alternative are defined for a specific BOM component:

- Alternative item group
- Simple discontinuation
- Form-fit-function class

For more information, see Global Alternatives [page 314].

Reference Components

It's now possible to display reference components in the *Component Assignment Workspace*, by choosing *Show Reference Items* from the toolbar.

> **Note**
>
> Reference components are part of a bill of material and aren't assembled but used for reference purposes only, in work instructions or to support the definition of component data collection, for example. You can create an item category for reference components in Customizing for *Production* under *Basic Data* > *Bill of Material* > *Item Data* > *Define Item Categories* by entering the required data and selecting the *Reference Item* checkbox.

After selecting a reference component in the *Component Assignment Workspace* and choosing *Display Component Details*, the *BOM Item Details* dialog box shows the *Reference* tab, where the system displays the following information under *Work Instructions and Data Collection*:

- If this component is referenced in work instructions, the system displays the operation and operation activity of the respective work instructions and an icon in the *Used in* column. You can choose this icon to navigate to the work instructions in which this component reference exists.
- If this component is referenced in an inspection characteristic for data collection purposes, the system displays the operation and operation activity of the respective inspection characteristic and an icon in the *Used in* column. You can choose this icon to navigate to the inspection characteristic in which this component reference exists.

If a 3D visual exists for the MBOM, reference components are highlighted in yellow when the 3D visual is initially displayed. If you select a reference component, either from the list of components or in the 3D visual itself, it's then highlighted in red.

> **→ Remember**
>
> Reference components can't be assigned to operation activities. The value on the *Not/Partially Assigned* button is only correct when reference items aren't shown.

Deleting Multiple Operations

It's now possible to delete multiple operations in the *Structure Workspace* in a single step, thus streamlining maintenance of the routing structure. After selecting an operation and choosing *Delete* > *Delete Multiple Operations*, the system displays a dialog in which you can select the operations to be deleted and then choose *OK*. The system deletes all selected operations from the routing structure.

Implementation Details

Customizing

For more information on the required Customizing settings to allow integration of your PEO system with an external manufacturing execution system, see Integration with a Manufacturing Execution System (MES) [page 320].

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `MSFR4`
Application Component	`PP-PEO-SFR` (*Shop Floor Routing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

7.2.4 Manage Order-Specific Shop Floor Routings

Business Details

The following enhancements to this app streamline maintenance of the routing structure and management of alternative components:

- It's now possible to add components with instances to an alternative item group.
- New columns provide an improved overview of alternative components in the *Component Assignment Workspace* and the *Component List Workspace*.
- It's also possible to delete multiple operations in the *Structure Workspace* in a single step.

Maintenance of Alternative Item Groups (AIGs)

In the *Component List Workspace*, it's now possible to add components with instances to an alternative item group.

For more information, see Processing Components in Alternative Item Groups.

Usability Enhancement for Adding Components

When you add a component in the *Component List Workspace*, the system remembers the item category that you select. The next time you add a component, the system automatically prefills the *Item Category* field with the item category you last selected. This defaulting action applies to the following options:

- *Add BOM Item (No Instances)*
- *Add BOM Item (With Instances)*
- *Add Multiple BOM Items (No Instances)*

Working with Alternative Components

PEO now supports the use of global alternatives defined in a form-fit-function class (FFF class). This enhancement gives you more flexibility to replace fully interchangeable components in a production order

without having to update the BOM. In the *Manage Production Orders* and *Manage Production Operations* apps, production supervisors can exchange a component for a material that has been defined as a member of the same FFF class.

In this app, it's now possible to identify whether a BOM component is part of a form-fit-function class (FFF class) and to display the materials with which it's fully interchangeable.

- A column called *Form-Fit-Function Class* is available in the *Component Assignment Workspace*. If global alternatives defined using an FFF class exist for the component, then this column displays the name of the FFF class. After selecting the component and choosing *Display Component Details*, the *BOM Item Details* dialog box shows the *FFF Class* tab, where the system displays the other members of the FFF class. These materials are fully interchangeable with the material currently in the BOM.
- A *Form-Fit-Function Class* column is also available in the *Details Workspace* on the *Components* tab page in the *Assigned Components* table for an operation or operation activity. If global alternatives defined using an FFF class exist for the component, then this column also displays the name of the FFF class.
- A *Form-Fit-Function Class* column is also available in the *Component List Workspace*. If global alternatives defined using an FFF class exist for the component, then this column displays the name of the FFF class.

  After selecting the component and choosing *Additional Info* > *Display FFF Class*, the system displays the other members of the FFF class in a dialog box.
- Finally, the column *Alternative Component Used in Order* indicates which member of the FFF class is selected in the production order.

> **Note**
>
> This column can also indicate the follow-up material that's selected in the production order in a simple discontinuation scenario (where the *FFF Class* column is empty and the *Simple Discontinuation* column contains an X).

Furthermore, a column called *Alternatives Exist* is also available in the *Component Assignment Workspace*.

This column contains an icon ( ) if any of the following types of alternative are defined for a specific BOM component:

- Alternative item group
- Simple discontinuation
- Form-fit-function class

For more information, see Global Alternatives [page 314].

Deleting Multiple Operations

It's now possible to delete multiple operations in the *Structure Workspace* in a single step. After selecting an operation and choosing *Delete* > *Delete Multiple Operations*, the system displays a dialog in which you can select the operations to be deleted and then choose *OK*. The system deletes all selected operations from the routing structure.

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: MSFR7
Application Component	PP-PE0-SFR (*Shop Floor Routing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

7.2.5 Manage Production Models - Materials

Business Details

This app now supports maintenance of the following:

- Operation activity relationships
- Alternative sequences
- Parameter effectivity ranges in a single dialog for multiple BOM components, operations, or operation activities

Reference templates can be used to create production steps quickly and consistently. It's also possible to maintain a production version upon release of the production model and benefit from improved usability when assigning components.

Operation Activity (OA) Relationships

It's now possible to create OA relationships to define predecessor relationships between operation activities in the same OA group. If flexible processing is enabled for the routing used to create the production model, it's also possible to define predecessor relationships between the operation activities of different operations (cross-operation relationships).

> ✤ Example
>
> The production operator can't start operation activity OA1 of operation 0020 until operation activity OA11 of operation 0010 has finished.

This allows you to control the sequence of work by ensuring specific activities are completed before others can begin, improving production flow management and preventing premature task execution.

For more information, see How to Define Operation Activity (OA) Relationships.

Alternative Sequences

This app now supports alternative sequences, which means the following actions are possible:

- Migration of shop floor routings that contain alternative sequences to material production models.

- Creation of new alternative sequences in material production models.
- Changes to existing alternative sequences.

Alternative sequences can provide greater process and scheduling flexibility to reduce production time, better utilize resources, and support different manufacturing scenarios.

For more information, see How to Maintain Alternative Sequences.

Faster Maintenance of Parameter Effectivity

Usability enhancements now allow the accelerated maintenance of parameter effectivity in a single dialog for multiple:

- BOM components
- Operations
- Operation activities

For more information, see the help documentation in the app for the *Maintain Parameter Effectivity* options.

Working with Reference Templates

In the *Production Steps* panel, it's now possible to display and insert released reference templates that were created using the *Manage Templates* app (MSFR24). It's possible to insert the following types of reference template as production steps of the production model:

- Reference operation set
- Reference operation
- Reference operation activity group
- Reference operation activity

> → Remember
>
> Only released, version-controlled reference templates are available to use in this app. Shared copy and private copy templates can't be displayed or inserted as production steps.

For more information, see How to Insert Reference Templates into Production Models.

Maintaining Production Versions

Upon release of a production model, it's now possible to maintain a production version.

For more information, see the help documentation in the app for the *Release* and *Set to Obsolete* options.

New Filter for *Routing Description*

In the initial screen of this app, it's now possible to filter and search for production models according to the description of their routings.

> Example
>
> To find all production models based on routings with a description that includes **`wing`**: Choose *Adapt Filters* and select *Routing Description* from the *Add Filter* dropdown list. Enter **`*wing*`** in the *Routing Description* field and choose *Go*.

Improved Usability for Assigning Components

Upon selecting an individual BOM item from the *BOM Components* and choosing *Maintain OA Item Assignments* from the toolbar, a new panel appears, where you can toggle between *Assigned* and *To Be Assigned* views. This *OA Item Assignment* panel is especially useful in the following scenarios:

- You're assigning components to operation activities (OAs) that are part of the standard sequence for which an alternative sequence exists. In such cases, you need to assign these components to both an OA in the standard sequence, and to an OA in the alternative sequence.
- You're assigning components for a material with unitized parameter effectivity. Here you need to ensure that the complete effectivity range of the component is covered by the OA or OAs to which it's assigned.
- You want to find out what assignments still need to be done for BOM items with status `Partially Assigned`.

For more information, see the help documentation in the app for the *Maintain OA Item Assignments* option.

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 Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Production Models - Materials

7.2.6 Manage Production Models - Engineer-To-Order

Business Details

This app now supports the following:

- Operation activity relationships

- The use of reference templates to create production steps quickly and consistently
- Maintenance of a production version upon release of the production model

Operation Activity (OA) Relationships

It's now possible to create OA relationships to define predecessor relationships between operation activities in the same OA group. If flexible processing is enabled for the routing used to create the production model, it's also possible to define predecessor relationships between the operation activities of different operations (cross-operation relationships).

> ### Example
>
> The production operator can't start operation activity OA1 of operation 0020 until operation activity OA11 of operation 0010 has finished.

This allows you to control the sequence of work by ensuring specific activities are completed before others can begin, improving production flow management and preventing premature task execution.

For more information, see How to Define Operation Activity (OA) Relationships.

Working with Reference Templates

In the *Production Steps* panel, it's now possible to display and insert released reference templates that were created using the *Manage Templates* app (MSFR24). It's possible to insert the following types of reference template as production steps of the production model:

- Reference operation sets
- Reference operations
- Reference operation activity group
- Reference operation activity

> ### → Remember
>
> Only version-controlled reference templates are available in this app. Shared copy and private copy templates can't be displayed or inserted as production steps.

For more information, see How to Insert Reference Templates into 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*)

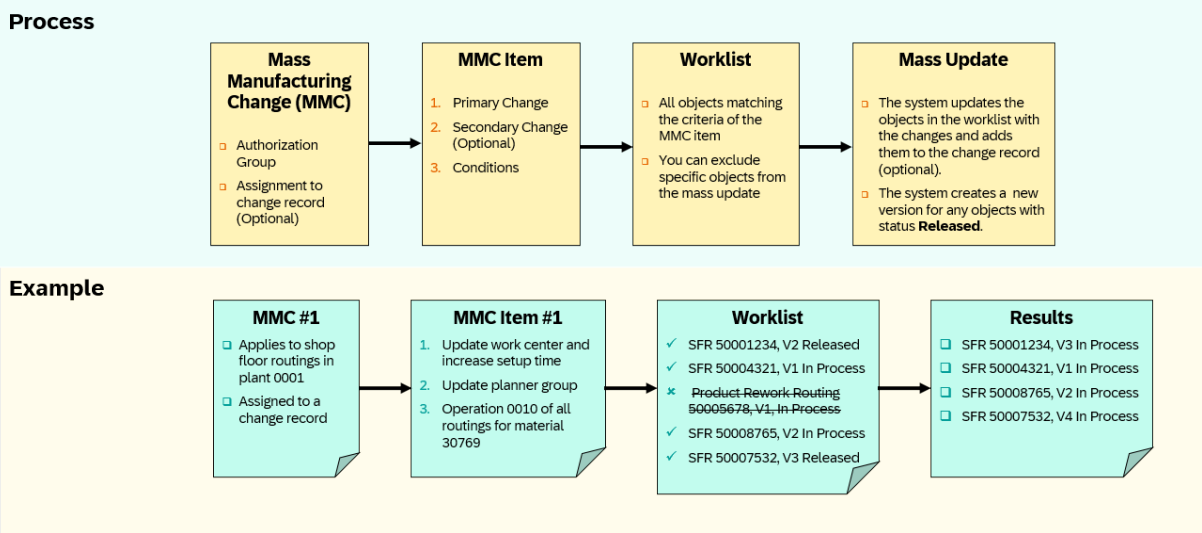
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

7.2.7 Manage Mass Manufacturing Changes

Business Details

This new app can be used to create and manage mass updates to shop floor routings, streamlining the process significantly and reducing the time and effort required to modify multiple records. A mass manufacturing change (MMC) can be created with reference to a change record. An MMC consists of one or more items that specify exactly which data is to be updated and based on which conditions. The app provides a worklist of objects impacted by the proposed change. You can then update all, or a subset, of the objects in the worklist according to the criteria defined in the MMC.

Process Flow of a Mass Manufacturing Change



Step	Information
1 - Create an MMC	The first step is to create an MMC and assign it to an authorization group which controls the objects and plants for which the MMC is to be applied. There's also the option to assign the MMC to a new or existing change record. In this example, an MMC has been created for all shop floor routings in plant 0001 and is assigned to a new change record.

Step	Information
2 - Create an MMC Item	The second step is to create an MMC item, which consists of three sections: 1. **Primary Change**: It's possible to update an attribute of a shop floor routing at header or operation level. In this example, the primary change applies to the attributes of operations. The work center will be updated to work center 1000 and the standard value for setup time will be increased by five minutes. 2. **Secondary Change**: If the primary change was at operation level, then it's possible to define an additional change to the attributes of the routing header. In this example, the secondary change updates the responsible planner group to planner group 0001 on the routing header. 3. **Conditions**: The conditions define the scope of objects on which the mass manufacturing change is to be applied. In this example, the work center and standard value for setup time will be updated on operation 0010 of all routings for material 30769. The responsible planner group will be updated on the header of all routings for material 30769. **Note** It's possible to create more than one MMC item for an MMC, if necessary.
3 - Check and Edit Worklist	Upon saving of an MMC, the system generates a worklist of all objects that match the criteria defined in the *Conditions* section of the MMC item. In this example, 4 shop floor routings and 1 rework routing match the conditions and are listed on the *Worklist* tab page. It's possible to skip the product rework routing, so it's excluded from the update run and the changes defined in the MMC item won't be applied to it.
4 - Run Update	In this step, the system updates the objects in the worklist with the changes defined in the MMC item. The system creates a new version for any objects with status `Released` and writes the changes to a new version with status `In Process`. In this example, the system creates new `In Process` versions for the released shop floor routings `50001234` and `50007532` and writes the changes to these new versions. If a change record was assigned to the MMC in step 1, then all updated shop floor routings are added to the change record, in the *Shop Floor Routings* section. In this example, the change record contains the MMC, along with the four shop floor routings listed under *Results*.

Implementation Details

Authorizations

Users can access the *Manage Mass Manufacturing Changes* app with the front-end role `SAP_BR_PRODN_ENG_DISC_EME` (*Production Engineer - Discrete Manufacturing (EME)*).

Authorization object `MPE_SOC` controls the activities that users can perform for the plants and objects defined in the authorization groups that are configured in Customizing. This authorization object contains the following authorization fields:

- `ACTVT` (*Activity*) with the following possible values:

Activity Value	Text	Further Information
03	Display	This value lets users display MMCs and MMC items.
06	Delete	This value lets users delete MMCs and MMC items.
16	Execute	This value lets users choose the *Run Update* to perform an MMC and update the objects in the worklist with the changes defined in the MMC.
23	Maintain	This value lets users create and change MMCs and MMC items.
43	Release	This value lets users choose the *Set to Released* option to set MMCs with status `In Preparation` to status `Released` so that it's possible to run an update and thus perform an MMC. This value also lets users choose *Set to In Preparation* to reset an MMC with status `Released` back to status `In Preparation`.
94	Override	This value lets users choose the *Set to Completed* option to set MMCs with status `Failed` to status `Completed`.
F4	Display in Value Help	This value is required for users who create MMCs so that they can select an authorization group when they create an MMC.

- `SOC_AUTH_G` (*Authorization Group for Mass Manufacturing Change*). This field contains the authorization groups that are defined in Customizing. See the *Customizing* section for more information.

It's thus possible to configure these authorizations so that a specific user is authorized to perform different MMC activities depending on the plant or plants defined in the authorization group.

> **Example**
>
> User X is authorized to create MMCs for objects in plant 0001, but can only display MMCs for plant 0002. User Y is authorized to set all MMCs for all plants to status `Released`.

Customizing

Logistics - General > *Product Lifecycle Management (PLM)* > *Change Records* > *Settings for Change Records* > *Define Change Record Types*

In this Customizing activity, you add the following predelivered object type to the manufacturing change record under *Reference Objects*:

Object Type	Object Type Text
SOC	Mass Manufacturing Change

This setting lets you add MMCs to manufacturing change records so that you can track and orchestrate a mass manufacturing change and the objects impacted by it.

Production > *Manufacturing for Production Engineering and Operations* > *Cross-Applications* > *Define MMC Authorization Groups*

In this Customizing activity, you create authorization groups for mass manufacturing changes (MMCs) and then you assign the relevant plants and object types to them.

When you create an MMC in the *Manage Mass Manufacturing Changes* app, you first select an authorization group. This selection determines the object types and plants to which the MMC applies.

> ✤ Example
>
> Mass manufacturing changes for this authorization group are applied across all shop floor routings for plant 0001.

This authorization group is also used in combination with authorization object `MPE_SOC` to control the activities that users can perform in specific plants. See the *Authorizations* section for more information.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F9078`
Application Component	`PP-PEO-MMC` (Mass Manufacturing Change)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Manage Mass Manufacturing Changes
Settings for Mass Manufacturing Changes

7.2.8 Manage Change Records

Business Details

It's now possible to launch the new *Analyze Manufacturing Change Impact* app from the manufacturing change record. This app allows you to quickly pinpoint which shop floor orders are affected by routing version updates and to update them all at once, streamlining change management processes. It's also possible to add major assembly routings to the change record and perform an impact analysis and mass update of network orders.

This app has been enhanced as follows:

New *Analyze Manufacturing Change Impact* **App (**F2664A**)**

You can implement a business add-in (BAdI) so that the system launches the new app *Analyze Manufacturing Change Impact* (F2664A) when you choose *Analyze Impact* from a change record of the type defined in the BAdI implementation. For more information, see *Customizing*.

This app lets you analyze shop floor routings in detail and visualize their impact on shop floor orders. It's then possible to select multiple shop floor orders and update them based on a new version of a shop floor routing.

> → Tip
>
> If you prefer to analyze the impact of changes at BOM level, you can continue to use the app *Analyze Change Impact* app (F2664). You don't need to implement the BAdI.

For more information, see Analyze Manufacturing Change Impact [page 346].

Major Assembly Routings

It's now possible to add major assembly routings to the change record. Major assembly routings appear in the *Shop Floor Routings* section. You can recognize them by displaying the *Major Assembly* column, which contains the value Yes for major assembly routings.

> → Tip
>
> To add this column to the view, choose *Settings* and select it from the *View Settings* dialog.

For more information, see Enhancements to the Process for Major Assemblies [page 318].

Implementation Details

Customizing

Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Production Engineering* > *Change Impact Analysis* > *BAdI: Determine Change Impact Analysis Application*

In this Customizing activity, you can implement a BAdI so that the system launches the new *Analyze Manufacturing Change Impact* app (F2664A) when you choose *Analyze Impact* from a change record of the type that you specify in the BAdI implementation. For more information, see the system documentation for this Customizing activity.

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 FPS02

Related Information

Analyze Manufacturing Change Impact [page 346]

7.2.9 Analyze Manufacturing Change Impact

Business Details

Analyze Manufacturing Change Impact is a new app meant for customers who integrate bills of materials (BOMs) and manufacturing process definitions (MPD) from an external system and create shop floor routings (SFRs) based on them. It's launched from the change record in the *Manage Change Records* app. This app can replace the *Analyze Change Impact* app for certain change record types if you configure the *Determine Change Impact Analysis Application* Business Add-In.

Main Differences between the Two Apps

	Analyze Change Impact	*Analyze Manufacturing Change Impact*
How the app is enabled	By default for all change records.	For some types of change records, according to the Business Add-In.
Level of detail for various objects	Focus on BOMs: detailed changes between the current version and predecessor. SFRs only showed which operations and operation activities were changed, deleted, or added, without further details about the changes.	Focus on SFRs: detailed changes between the current version and predecessor. BOMs are excluded.
How updates are managed	Fragmented: you can see the changes but you need to fix them by navigating away.	Simplified: you can see details about changes and apply the changes manually by navigating into them directly. Sometimes, you can make the changes automatically and to many objects at once. The app also guides you as you apply changes from each change impact analysis.

	Analyze Change Impact	*Analyze Manufacturing Change Impact*
How changes are found	Maps the net changes of a BOM onto affected objects, without considering which version the downstream object is currently based on. The app can't always tell you exactly what changes are needed to bring an object up to date.	Compares the new version of the master SFR with the version currently used in each shop floor order.

Implementation Details

Customizing

To switch from the *Analyze Change Impact* app to the *Analyze Manufacturing Change Impact*, implement the *Determine Change Impact Analysis Application* Business Add-In. You can do so in Customizing for *Production* under *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Production Engineering* > *BAdI: Determine Change Impact Analysis Application*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2664A`
Application Component	`PP-PEO-CR` (*Manufacturing Change Record*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

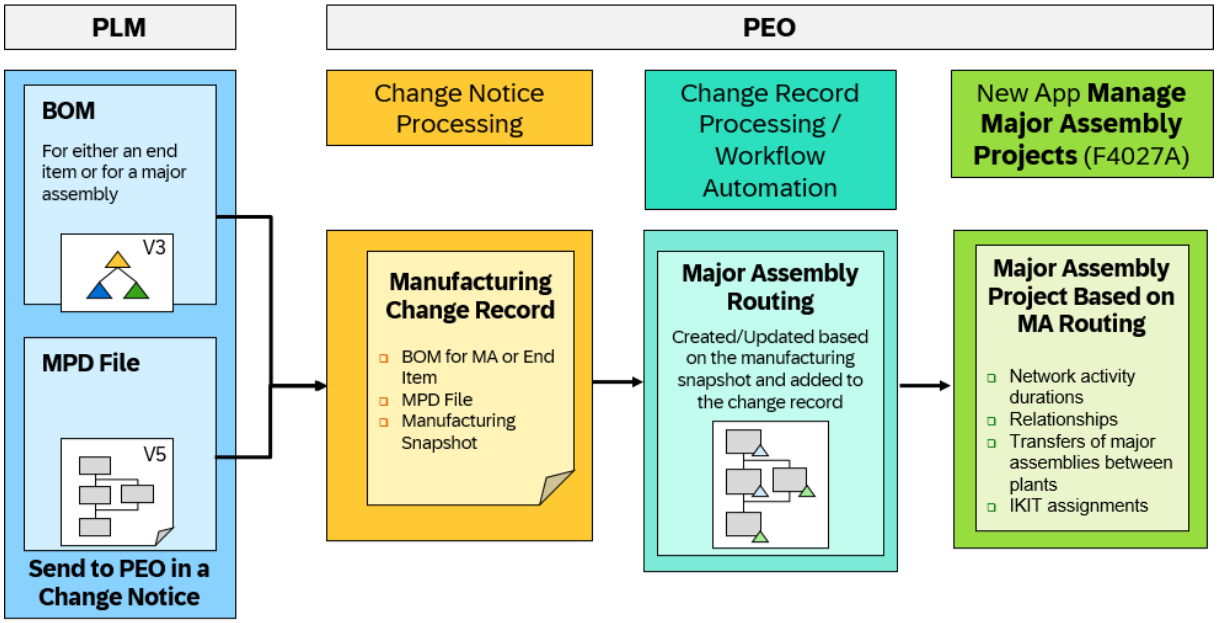
7.3 Complex Assembly

7.3.1 Manage Major Assembly Routings

Business Details

This new app supports the new change-notice-driven process for major assemblies and end items. After sending a change notice containing an MPD file and a BOM for the purpose of producing a major assembly or

end item, the system automatically creates a major assembly routing. You can display major assembly routings and their attributes in this app to check that the automatic handover from your PLM system was successful. Alternatively, you can manually create a major assembly routing from scratch in this app.



A major assembly routing can be created for either an end item or a major assembly and has the following key attributes:

- Operations with execution durations to map network activity duration (and as a result, the duration of the overall major assembly project)
- Assignment of components (installation kits) to specific operations
- Predecessor/Successor relationships and interdependencies between the operations

Furthermore, it's possible to create major assembly routings which map stock transfers between different plants. These routings support the production of a lower-level major assembly in one plant and its transfer to a different plant where it's used to manufacture a higher-level major assembly or the final end item.

For more information, see Major Assembly Routings.

Implementation Details

Customizing

Production > *Manufacturing for Production Engineering and Operations* > *Production Engineering* > *Production Integration Portal (PiP) Data* > *Define PiP Data Settings*

To map the contents of an MPD file from your PLM system to a major assembly routing, you need to create a new file class for major assembly routings in this Customizing activity. The following new target object fields are specific to major assembly:

Target Object Type	Target Object Field	Purpose
Operation	OPR_DUR	The duration of an operation in a major assembly routing.
Operation	OPR_DUR_UNIT	Unit of measure for the operation duration. You can set a default value here
Operation	OPR_TYPE	Indicates the type of operation and is required to distinguish between the following types of operation in a major assembly routing. The possible values are: blank – Production S – Stock Transfer
Operation	STO_MATERIAL	Indicates the relevant major assembly / end item material that is involved in a stock transfer
Relationship	DEPENDENCY_TYPE	Indicates the type of relationship between an operation and its predecessor/successor operation. The possible values are: 1 – Finish-Start 2 – Finish-Finish 3 – Start-Start 4 – Start-Finish For more information, see Types of Relationships.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `MSFR34`
Application Component	`PP-PEO-SFR` (*Shop Floor Routing*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Manage Major Assembly Routings

7.3.2 Manage Major Assembly Projects (Deprecated)

Business Details

The *Manage Major Assembly Projects* app with the app ID: F4027 has been deprecated and replaced by a new *Manage Major Assembly Projects* app with a new app ID: F4027A. All the functionalities of the old app are now available in the new application along with further enhancements.

For more details, see Manage Major Assembly Projects [page 351].

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F4027
Application Component	`PP-PEO-MA` (*Major Assembly and Installation Kit*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

7.3.3 Manage Major Assembly Projects

Business Details

This is the new *Manage Major Assembly Projects* app with app ID: F4027A. You can create and assign major assembly projects here. It gives you a complete overview of your major assembly projects. It displays the project status, BOM and routing assigned to the project, as well as its parameter effectivity. .

Additional Details

You can now create major assembly projects using major assembly routing as source. At the time of project creation, the system by default asks you to give details of the major assembly routing and its corresponding BOM. This speeds up the project creation process. There are new process variants that give more flexibility to the complex structures of the major assembly project enabling you to smoothly carry out the planning and execution of the project. Following are the new process variants:

- Each major assembly or an end item can have a major assembly routing assigned. This helps you to map networks and network activity more quickly and flexibly. It is because, each major assembly routing is a network, a major assembly routing operation is a network activity, and a component assignment is a reservation.
- Multiple installation kits can be assigned to one network activity.
- End items can now have installation kits as their immediate child.

You can also navigate to the *Check Major Assembly Projects* app from this app to check the selected major assembly project and fix issues if there are any.

You can use a BAdI and choose to create a major assembly project using a major assembly BOM, end item BOM, or a major assembly routing. See the *Customizing* section to see more information on creating MA projects using BOM as source.

Implementation Details

Customizing

Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Complex Assembly* > *Major Assemblies and Installation Kits* > *BAdI: Major Assembly Project Source Type*

When creating a major assembly project, by default, the system creates a routing-based major assembly project. However, you can use this BAdI to keep the creation of major assembly projects purely BOM-based if you don't want to make use of the benefits of major assembly routings.

Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Complex Assembly* > *Major Assemblies and Installation Kits* > *BAdI: Major Assembly Network Source: Routing*

When creating a routing-based major assembly project, PEO by default includes the latest major assembly routing available in the project. However, you can use this BAdI to change the routing and its counter at the time of project creation process before deciding the project structure.

Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Complex Assembly* > *Major Assemblies and Installation Kits* > *BAdI: Skip WBS creation for Major Assembly*

WBS element is created by default when creating a major assembly project with installation kits. But you can choose to skip the WBS creation for individual MAs by using this BAdI.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	F4027A
Application Component	PP-PEO-MA (Manage Major Assembly and Installation Kits)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	FPS02 2025

7.3.4 Check Major Assembly (Deprecated)

Business Details

The *Check Major Assembly Projects* app with the app ID: F3769 has been deprecated and replaced by a new *Check Major Assembly Projects* app with a new app ID: F3769A. All the check MA functionalities are now available in the new check MA app along with further enhancements.

For more details, see Check Major Assembly Projects [page 353].

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F3769
Application Component	PP-PEO-MA (Major Assembly and Installation Kit)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

7.3.5 Check Major Assembly Projects

Business Details

This is the new *Check Major Assembly Projects* app with the app ID: F3769A. This app enables you to detect issues in your major assembly projects and helps you fix these issues for a smooth planning and execution of the complex structures of the major assembly projects.

Additional Details

Apart from detecting issues of the major assembly BOM and networks, this app now checks and detects issues of the major assembly routing as well. The app displays a detailed message about the issue and provides procedures to help you fix the issues faster.

If the project is created with a major assembly routing as source, then the check major assembly projects application automatically determines the corresponding routing and BOM associated with it. There is a new *Routing Details* tab in the check major assembly projects app now where you can see all the details of the major assembly routing assigned to the major assembly project.

> **Note**
>
> The issue type remain the same in the new *Check Major Assembly Projects* app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	F3769A
Application Component	PP-PEO-MA (Major Assembly and Installation Kit)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	FPS02 202

7.3.6 Major Assemblies and Installation Kits Sourced from Different Plant

Business Details

PEO now supports production of major assemblies and installation kits sourced from different plants. This enables you to produce major assemblies and installation kits at one plant and consume in another giving you the flexibility to plan and execute production of complex assemblies faster and more efficiently. This can be done using two methods:

- Stock Transfer - MAs stocked and transferred to another plant for consumption.
- Withdrawal from another plant - Since installation kits cannot be moved physically, they can be produced in a different plant.

Additional Details

Major Assemblies:

Major assemblies can be produced and stocked and hence can be produced in one plant and consumed in another. To move major assemblies from one plant to the other, you must create a network activity for stock transfer. In case of a major assembly routing-based project, the routing must have an operation that describes the stock transfer, the major assembly associated with the stock transfer and the stock transfer duration.

To produce major assembly from different plants, the material master must specify special procurement key for stock transfer.

Installation Kits

Installation kits cannot be moved physically from one plant to the other. However, they can be produced in a different plant. Special procurement key must be specified in the material master in order to source an installation kit from a different plant. Network activity and Reservation must be created to produce installation kits at different plant.

There maybe installation kits produced in different plants but are assigned to the same routing operation. In this case, the plant of the network activity created for these installation kits or installation kit groups should be set as per the plant of the routing operation.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	
Application Component	PP-PEO-MA (Manage Major Assembly and Installation Kits)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

7.3.7 Manage Major Assembly Swap

Business Details

This app allows you to swap Major Assemblies (MAs) or Installation Kits (IKITs) between two end item units that belong to different projects. It is designed for complex assembly scenarios where priorities or material shortages require you to reassign assemblies across units.

Previously, no standard solution existed for this process. You can now define, plan, and execute swaps directly in the system using a configurable framework that you adapt to your specific needs.

Defining a Swap

You start by choosing material number of Major Assembly (or Org. MA or End Item) or IKIT you want to Swap and a Swap Name. Based on the material number, the system recognizes whether it is a MA or an IKIT Swap. And then you can define the two swap partners.

- A Major Assembly (including End Items and Organizational MAs): WBS element is a mandatory input field here.
- An Installation Kit: Order number is a mandatory input field here.

The system checks that your swap definition is valid. Both partners must share the same material number, belong to different units and projects, and be in the same plant. All existing MAs and IKITs within the hierarchy of the selected swap partners are automatically included in the swap.

Reviewing the Swap Plan

Once your definition passes validation, the system creates a Swap Plan. This plan lists all affected objects in the order they will be processed.

The system works top-down through the project hierarchy of both partners to identify every MA and IKIT and its corresponding technical objects (WBS element, Network, IKIT Order) that needs to move. You review the plan before deciding whether to proceed. If all checks pass and the plan is feasible, you can release the swap.

Executing the Swap

Execution happens in two steps:

1. **Preparing the swap**
   You trigger the preparation step. The system runs all preparatory tasks, such as placing orders on hold to prevent changes during the swap.
2. **Running the swap**
   After preparation completes, you trigger the swap execution itself. The system first confirms that the plan is still valid. If anything has changed since you created the plan, the system stops and notifies you. If the plan is still current, the swap runs in the background and updates all project assignments for the affected objects.

Configuring Process Tasks

The framework uses Process Tasks to define what happens during a swap. Each Process Task represents a single business action (for example, moving a network to a new WBS element). Tasks are made up of one or more Technical Steps that the system executes in sequence. SAP has delivered some technical steps but you can create more based on your business needs in the Customizing.

There are three types of tasks:

- **Pre-Swap** (optional): Actions that prepare the swap, such as placing orders on hold
- **Swap** (required): Actions that move or reassign the affected object
- **Post-Swap** (optional): Follow-up actions, such as releasing holds

Once the tasks are defined in Customizing, you can assign technical steps to these tasks individually.

You can also create your own tasks and steps in a custom namespace to cover additional requirements specific to your process.

Handling Errors

If a step fails during execution, the system blocks the affected part of the hierarchy but continues processing the remaining objects.

You have three options to resolve the situation:

- **Resume**: Retrigger preparation or execution from the point of failure. This is useful when the issue was temporary, such as a locking conflict.
- **Complete manually**: Enter the expected outcome for the failed task yourself. The system then continues with the remaining steps.

Tracking Swap Status

Each swap moves through a defined set of statuses:

Status	What you can do
Editing	Change the definition, generate or refresh the plan, or delete the swap
Under Review	Review the plan; set back to Edit or release
Released	Trigger swap preparation or mark swap as obsolete
Preparation Running	Preparation tasks are running
Preparation Completed (as Planned or with Manual Intervention)	Trigger swap execution
Execution Running	Swap and post-swap tasks are running in the background
Execution Completed (as Planned or with Manual Intervention)	All tasks finished successfully

If an error occurs at any stage, the system sets a corresponding status. Such as, *Outdated*, *Preparation Failed*, or *Execution Failed*.

Monitoring Swaps

The app shows an overview of all swaps with their name, number, type (MA or IKIT), plant, status, plan feasibility, partners, and some other administrative data like created by and created on. For detailed progress information, you can open a swap and check the status of process tasks and technical steps.

Check Major Assembly Projects

When an object is a part of the swap execution, the check MA app restricts update of the corresponding project.

Implementation Details

Following Customizing and BAdI implementation is mandatory to carry out the swap.

Customizing

Production > *Manufacturing for Production Engineering and Operations* > *Complex Assembly* > *Define Process Tasks for a Major Assembly Swap*

In this Customizing activity, you can define the process task and technical swap steps required for the major assembly swap. This is mandatory to carry out major assembly swap.

Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Complex Assembly* > *Major Assemblies and Installation Kits* > *BAdI: Major Assembly Swap Plan Determination*

Use this BAdI to determine the swap plan for the major assembly swap. This is a prerequisite to successfully swap major assemblies with its swap partners. This is a mandatory BAdI for swap execution.

You can use this BAdI to add validations to your swap partners when swapping major assemblies. This is an optional BAdI. You can use this based on your business needs.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	F9605
Application Component	PP-PEO-MA (Manage Major Assembly and Installation Kits)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Create Product Rework Order
Create Product Rework Order with Project

7.4 Extended Production Operations

7.4.1 Production Control

7.4.1.1 Manage Production Orders

Business Details

The main enhancements to this app include:

- Exchanging components in a form-fit-function (FFF) class
- Splitting shop floor orders for non-serialized products with flexible processing enabled

Exchanging Components in a Form-Fit-Function (FFF) Class

The column *Available Alt. Type* (available alternative type) in the *Components* section now supports the use of global alternatives from an FFF class, in addition to global alternatives for simple discontinuation and BOM item alternatives from an alternative item group (AIG). If an alternative component is available, this column contains the *Exchange* button and one of the following values:

- *Alternative Item Group*: You can exchange the component for a member of an alternative item group.
- *Simple Discontinuation*: You can exchange the component for the follow-up material defined using simple discontinuation.
- *FFF Class*: You can exchange the component for a member of an FFF class.

> ⓘ Note
>
> If multiple alternative types are defined for a component, then the AIG takes priority over the FFF class and simple discontinuation, and simple discontinuation takes priority over the FFF class.

It's possible to exchange the primary component of the FFF class for an alternative member of the FFF class by choosing the *Exchange* button and selecting an alternative component from the dialog that appears.

> ⓘ Note
>
> The material exchange functionality during goods issue is not supported.

> → Tip
>
> To add the *Available Alt. Type* column to the *Components* table, choose ⚙ *Settings* and select them from the *View Settings* dialog.

For more information, see Using Global Alternatives.

Splitting Shop Floor Orders for Non-serialized Products With Flexible Processing Enabled

This app now features an enhanced *Split Order with Same Material* screen for splitting orders for non-serialized products when flexible processing is enabled. In this screen, it's possible to select operations that are already in process in the parent order and move them to the child order, or to keep them in the parent order. These operations are:

- Operations that have started
- Rework operations that haven't started
- Rework operations that are in process

The screen also provides useful information about non-rework operations that haven't yet started and completed operations. All non-rework operations that haven't yet started move to the child order automatically and are not selected individually. Completed operations also can't be selected. This is because completed operations can't be split.

After selecting the relevant operations, choose *Ok* to create the child production order with the relevant goods issue items from the parent order.

Serialized Components

If the order for a non-serialized product with flexible processing enabled also includes serialized components to be split to the child order, a new logic is available in BAdI method `SELECT_COMP_SERIAL_NUMBERS` to transfer those serialized components from the parent order to the child order. This makes it possible to transfer costs.

The BAdI method is enabled using *BAdI: Determination of GI Items for Transfer at Order Split* in Customizing for Production under *Production* > *Shop Floor Control* > *System Modifications* > *Business Add-Ins*.

> **Note**
>
> The new logic is available in the *Manage Production Orders* app. It's not available in the back-end system via `C002`.

> **Note**
>
> The order can also be created in a manufacturing execution system (MES) other than SAP Manufacturing Execution (SAP ME). In this scenario, any serialized components to be split must have the same processing status.

Implementation Details

Customizing

Production > *Shop Floor Control* > *System Modifications* > *Business Add-Ins* > *BAdI: Determination of GI Items for Transfer at Order Split*.

If the order for a non-serialized product with flexible processing enabled also includes serialized components to be split to the child order, this BAdI now supports this scenario. This is possible with the new BAdI method `SELECT_COMP_SERIAL_NUMBERS` in the interface `IF_COOS_GOODS_ISSUE_ITEMS`. The example implementation `CL_COOS_GOODS_ISSUE_ITEMS` is available.

> **Note**
>
> The serialized components to be split must have the same processing status.

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 FPS02

7.4.1.2 Track Tool Usage

Business Details

The following columns have been added to the *Registration History* table:

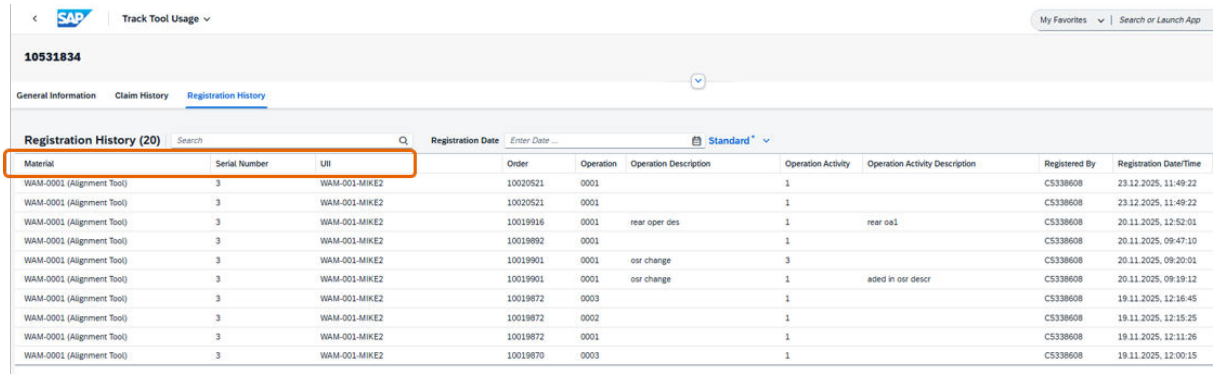
- Material
- Serial Number
- UII (Unique Item Identifier)

This additional information provides full traceability so it's possible to keep accurate records on exactly which tool was registered to perform an operation activity.

> → Tip
>
> To add these columns to this view, choose ⚙ *Settings* and select them from the *View Settings* dialog.

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: F4762

Application Component	PP-PEO-TTU (*Track Tool Usage*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Track Tool Usage
How to Register PRTs
How to Register Unplanned PRTs

7.4.1.3 Manage Production Operations

Business Details

It's now possible to exchange a component that is a member of a form-fit-function class (FFF class) for another member of this FFF class.

Exchanging Components in a Form-Fit-Function Class (FFF Class)

The column *Available Alt. Type* (available alternative type) in the *Components* section now supports the use of global alternatives from an FFF class, in addition to global alternatives for simple discontinuation and BOM item alternatives from an alternative item group (AIG). If an alternative component is available, this column contains the *Exchange* button and one of the following values:

- *Alternative Item Group*: You can exchange the component for a member of an alternative item group.
- *Simple Discontinuation*: You can exchange the component for the follow-up material defined using simple discontinuation.
- *FFF Class*: You can exchange the component for a member of an FFF class.

> ⓘ Note
>
> If multiple alternative types are defined for a component, then the AIG takes priority over the FFF class and simple discontinuation, and simple discontinuation takes priority over the FFF class.

It's possible to exchange the primary component of the FFF class for an alternative member of the FFF class by choosing the *Exchange* button and selecting an alternative component from the dialog that appears.

> ⓘ Note
>
> The material exchange functionality during goods issue is not supported.

→ Tip

To add the *Available Alt. Type* column to the *Components* table, 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	App ID: F2335
Application Component	PP-PE0-SFE (*Shop Floor Execution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Global Alternatives [page 314]

7.4.1.4 Create Product Rework Order

Business Details

This app now lets you search for serial numbers of a material by batch number and equipment number. This enhancement makes it possible to find serial numbers more easily and more efficiently than before.

When creating a product rework order, you can choose a new value help in the *Select Serial Numbers of Material to be Reworked* dialog box to search for the batch number or equipment number. After confirming the batch number or equipment number in the list of options in the *Batch Number* or *Equipment* dialog box, a new popup opens and displays the serial number, batch number, and equipment number of the material. The system then adds the serial number to the header of the product rework order.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `MPE_SFO_RWRK_01` (*Create Product Rework Order*)
Application Component	`PP-PEO-SFO` (*Shop Floor Order Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Create Product Rework Order

7.4.2 Production Execution

7.4.2.1 Perform Work

Business Details

This app now has additional settings to provide flexibility in the display of the default user interface. It's possible to hide the 3D viewer, work instructions, buyoffs and defects. It's also possible to choose to show all components and PRTs.

After opening *App Settings*, the following options are available:

- *Hide Panel on the Right*
  Select this option if you don't need to see the 3D viewer, work instructions, buyoffs and defects.
- *Show All Items in Tables on the Left*
  Select this option if you want to see all components and PRTs by default. The app will also show components that aren't traceable and PRTs that aren't registrable.

After defining these settings, the new default user interface is available the next time you log on to this app.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App IDs: F2821
Application Component	PP-PE0-SFE (*Shop Floor Execution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

7.4.3 Production Monitoring

7.4.3.1 Compare As-Built with As-Planned

Business Details

This app can now:

- Use an API to display information on deviations in remote systems, show the source of deviations, suppress standard deviations and check for custom deviations
- Compare as-built data based on the production version, different released BOM versions, and from external manufacturing execution systems
- Display information on which component was used in the assembly of a product if the component is a member of a form-fit-function class (FFF class)

As-Built Comparison API

An RFC-enabled API is available to perform as-built comparisons on remote systems and return high-level information on open deviations in real-time.

Display Information About Source of Deviations

You can now display the source of open as-built deviations. This makes it possible to identify whether any deviations were caused by production order changes or issues in production order execution, or both. This is useful for troubleshooting scenarios as it increases clarity and speeds up the process of root cause analysis. Two new columns provide additional information about the source of the deviation.

- *Details of Order Change*: An icon appears in this column if changes were made to the production order. Clicking on this icon provides further details on the type of change (quantity and material difference, added component, deleted component), and whether or not the planned component was part of the specified original BOM version or if it was changed during order-specific routing.

- *Deviation From Shop Floor*: An icon appears in this column if there are deviations between what is defined in the production order and what is then executed on the shop floor. Clicking on this icon provides further details on the type of deviation (for example, quantity differences and new added components) and the quantity assembled during execution on the shop floor.

Suppress Standard Deviations and Checking for Custom Deviations

Users can implement a new logic so that the system doesn't display specific standard deviations, for example quantity deviations for specific material types or unplanned components that were added during shop floor execution. Differences between the planned and consumed quantities and components in the output of the *Compare As-Built With As-Planned* app are visible, but they don't appear as deviations.

This logic can also be used to create and display additional custom deviations, such as differences in equipment status, and define at which level the deviations appear in the comparison results – BOM item, BOM item instance or serial number.

The logic is enabled using *BAdI: Handling of Deviations in Compare As-Built with As-Planned* `(MPE_AS_BUILT_AS_PLND_DVTN)` in Customizing for Production under *Production* > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Cross-Applications*.

To create custom deviations in this BAdI implementation, they first need to be defined in the new Customizing activity *Maintain Deviation Types* in Customizing for Production under *Production* > *Manufacturing for Production Engineering and Operations* > *Cross Applications*. Users can also update this Customizing activity to change the description of standard deviations according to their business needs, but they can't rename or delete them.

Compare As-Built Data Based on Production Version

It's now possible to compare the as-built data based on production version details. The comparison is made against the BOM version which is currently approved and released in the production version, with its relevant start or finish date, rather than a specific BOM version from the static production order. In this mode, deviations are identified, tracked, and must be resolved.

Compare As-Built Data Based on Different Released BOM Versions

You can now compare the as-built data against the as-planned data of any previous or future BOM version. This enhancement is useful if production version details are updated after the production order is created. It allows for better traceability and quality control as the production supervisor can identify exactly when the problematic change was introduced. It can also help to identify false deviations if production version details were not updated properly. No deviation handling process is available in this mode. Users have read-only access to the comparison results for analysis and traceability.

> **Note**
>
> Specific BOM versions can be selected for single-level comparison only. Complex multi-level comparison is available in the default comparison mode using the production version details.

> **Note**
>
> This enhancement is available for both date-effective and unitized products, whereby the production version of unitized BOMs always has one entry with the latest released BOM version.

Compare As-Built Data From External Manufacturing Execution Systems

With the integration of external manufacturing execution systems (MES), this app can now be used to compare as-built data from a MES other than SAP Manufacturing Execution (SAP ME). This makes it possible to analyze and track the production process at the level of the shop floor order directly from the *Compare As-Built with As-Planned* app.

For more information on integration with manufacturing execution systems (MES), see Integration with a Manufacturing Execution System (MES) [page 320].

Display FFF Class of Global Alternatives

It's possible to add a new *FFF Class* column to the layout to display the name of the FFF class to which a component belongs.

The possible values of the *Component Alt. Type* (*Order Component Alternative Type*) column indicate the component that was used to assemble the product:

- *Primary*: original component
- *Alternative*: an alternative member of an FFF class

> **Note**
>
> This column contains a value only if an alternative component exists. Otherwise, it's blank.

If a global alternative was assembled, the *Compare As-Built with As-Planned* app indicates that a difference exists between the as-built and as-planned.

- The *Planned Material* column contains the planned component (the primary component of the FFF class).
- The *Consumed Material* column contains the alternative component that was assembled.

This difference isn't flagged as a deviation.

For more information, see Global Alternatives [page 314].

Implementation Details

Customizing

Production > *Manufacturing for Production Engineering and Operations* > *Cross-Applications* > *Maintain Deviation Types*

In this Customizing activity, you maintain the settings required to display deviation types according to your business needs. You can change the description of standard deviations and create custom deviation types by entering an ID and description in the popup.

Production > *Manufacturing for Production Engineering and Operations* > *Business Add-Ins (BAdIs)* > *Cross-Applications* > *BAdI: Handling of Deviations in Compare As-Built with As-Planned*

You can implement this BAdI so that the system doesn't display specific standard deviations and/or that it displays specific custom-defined deviations in the as-built comparison results.

> **Note**
>
> To create the defects for deviation resolution, you need to first maintain defect code groups for as-built deviations. You do this in the Customizing activity *Maintain Defect Code Groups for As-Built Deviations* in Customizing for Production under *Production* > *Manufacturing for Production Engineering and Operations* > *Cross-Applications*.

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 FPS02

Related Information

Global Alternatives [page 314]
Integration with a Manufacturing Execution System (MES) [page 320]

7.4.3.2 As-Built Report

Business Details

This app now supports receiving and displaying as-built data from a manufacturing execution system (MES) other than SAP Manufacturing Execution (SAP ME) to allow the analysis of data from an external MES directly in the *As-Built Report* app. It's also possible to display information on which component was used in the assembly of a product if the component is a member of a form-fit-function class (FFF class).

Display As-Built Data From External Manufacturing Execution Systems

A new RFC-enabled function module `MPE_EXEC_SPCL_INH_PRODN_WRITE` can be used to send a serialized production component list (SPCL) from the MES to PEO. An SPCL is a list of components that have been

assembled or disassembled during the production process of a serialized product. It's used to store the as-built information of the serialized product.

The *As-Built Report* app in the PEO system can then be used to analyze and track the production process at the level of the shop floor order.

> **Note**
>
> When data is sent from the MES to PEO through this function module for a specific shop floor order, it overwrites any previous versions of data that have been sent for this shop floor order. You can choose how often you send this information from the MES to PEO.

For more information, display this function module in transaction SE37 and choose *Function Module Documentation*.

For more information on integration with manufacturing execution systems (MES), see Integration with a Manufacturing Execution System (MES) [page 320].

Form-Fit-Function (FFF) Class

It's possible to add a new *FFF Class* column to the layout to display the name of the FFF class to which a component belongs.

The possible values of the *Component Alt. Type* (*Order Component Alternative Type*) column indicate the component that was used to assemble the product:

- *Primary*: original component
- *Alternative*: an alternative member of an FFF class

> **Note**
>
> This column contains a value only if an alternative component exists. Otherwise, it's blank.

For more information, see Global Alternatives [page 314].

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

Related Information

Global Alternatives [page 314]
Integration with a Manufacturing Execution System (MES) [page 320]

8 R&D/Engineering

8.1 Enterprise Portfolio and Project Management

8.1.1 Project System

8.1.1.1 Creation and Deletion of Partner Information for WBS Elements and Projects Using an API

Business Details

The Project API has been updated. A user can create and delete Partner Information for WBS Elements and Projects.

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:`API_PROJECT_V3`
Application Component	`PS-ST`(*Structures*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Operations for Project

8.1.1.2 Geographical Enablement Framework: Mass Actions and Launching Spatial Data Editor from Project Builder

Business Details

You can now select and process multiple Projects and WBS Elements directly from *Spatial Data Explorer* app. You can also launch *Spatial Data Editor* app directly from *Project Builder* in *SAP GUI* (`CJ20N`) and *SAP GUI for HTML* to create and maintain spatial geometries more efficiently.

Technical Details

Type	Changed
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 FPS02

Related Information

Geographical Enablement Framework
Launch Spatial Editor App from Project Builder

8.1.1.3 New App: Project Closure Simulation Results

Business Details

With the *Project Closure Simulation Results* app (F9347), you can analyze issues identified during project closure simulation processing and monitor project closure readiness. The app displays simulation results generated by the *Schedule Project Completion Jobs* app (F9345), helping you identify issues that may prevent successful project closure. To view the latest simulation results, execute the corresponding project closure simulation job using the *Schedule Project Completion Jobs* app.

Implementation Details

Authorizations

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F9347
Application Component	PS-ST (*Structures*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Project Closure Simulation Results
Schedule Project Completion Jobs

8.1.1.4 New App: Project Completion Candidates

Business Details

With the *Project Completion Candidates* app (F9346), you can view project completion readiness information and related project details to identify candidates for project completion and closure processes. The app displays candidate data generated by the *Schedule Project Completion Jobs* app (F9345), enabling project managers and project controllers to analyze project completion readiness and identify projects that may be ready for closure.

To view the latest candidate information, execute the corresponding project completion candidate job using the *Schedule Project Completion Jobs* app.

Implementation Details

Authorizations

Users must be assigned the business role `SAP_BR_PROJ_FIN_CONTROLLER` to access the app on the Fiori launchpad.

The following additional authorization objects are required to view project completion readiness information and related project details:

- C_PROJ_KOK
- C_PROJ_PRC
- C_PROJ_VNR
- C_PSCVP_DB

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F9346`
Application Component	`PS-ST` (*Structures*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Project Completion Candidates
Schedule Project Completion Jobs

8.1.1.5 New App: Schedule Project Completion Jobs

Business Details

With the *Schedule Project Completion Jobs* app (F9345), you can schedule, execute, monitor, and manage background jobs that generate project completion candidate data and project closure simulation results. You

can run jobs immediately or schedule them for a specified time and optionally restrict processing to selected projects.

This app serves as the central entry point for generating and updating the data displayed in the *Project Completion Candidates* and *Project Closure Simulation Results* apps.

Implementation Details

Authorizations

Users must be assigned the business role `SAP_BR_PROJ_FIN_CONTROLLER` to access the app on the Fiori launchpad.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F9345`
Application Component	`PS-ST` (*Structures*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Schedule Project Completion Jobs
Project Completion Candidates
Project Closure Simulation Results

8.1.1.6 Extensibility for Standard Project, Standard WBS Element, Standard Network Activity, and Standard Network Activity Elements

Business Details

With this feature, you can create and use custom fields for *Standard Project*, *Standard WBS Element*, *Standard Network Activity* and *Standard Network Activity Element*. This extends key user extensibility to standard project objects, enabling you to maintain project-specific information consistently and reuse custom business attributes when working with project templates.

The result is improved flexibility, better data consistency, and reduced manual effort when creating operative projects or networks from standard project objects.

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 FPS02

8.1.1.7 OData API: Project Commitment Item

Business Details

With the OData API *Project Commitment* (`API_PROJECTCOMMITMENT`), you can now read open commitment details for projects, WBS elements, networks, network activities, and network activity elements. The API enables read access to commitment information across these objects and aggregates commitments from assigned orders, helping you analyze and monitor outstanding commitments across project structures.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_PROJECTCOMMITMENT`
Application Component	`PS-ST` (*Structures*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Project Commitment Item

8.1.1.8 OData API: Project Actual Financial Item

Business Details

With the OData API *Project Actual Financial Item* (`API_PROJECTACTUALFINITEM`), you can now read actual cost and revenue details for projects, WBS elements, networks, network activities, and network activity elements. The API enables read access to actual financial data across these objects and aggregate actuals from assigned orders, helping you analyze and monitor project financial performance across project structures.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	API: `API_PROJECTACTUALFINITEM`
Application Component	`PS-ST` (*Structures*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Project Actual Financial Item

8.1.1.9 OData API: Project Budget Item

Business Details

With the OData API *Project Budget* (`API_PROJECTBUDGET`), you can now read project budget details for projects and WBS elements. This API provides access to budget information, enabling improved visibility into project financials and supporting reporting, monitoring, and analysis of budget allocations and consumption for your projects.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_PROJECTBUDGET`
Application Component	`PS-ST` (*Structures*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Project Budget Item

8.1.1.10 OData API: Project Planned Financial Item

Business Details

With the OData API *Project Plan Financial Item* (`API_PROJECTPLANFINITEM`), you can now read planned cost and revenue details for projects, WBS elements, networks, network activities, and network activity elements, including planned data aggregated from assigned orders. This API provides access to project financial planning data, enabling enhanced visibility into planned costs and revenues and supporting financial reporting, analysis, and project planning processes.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_PROJECTPLANFINITEM`
Application Component	`PS-ST` (*Structures*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Project Planned Financial Item

8.1.1.11 Object-Based Authorization Checks for Project Scheduling

Business Details

With this feature, you can apply Object-Based Authorizations (OBA) during project scheduling activities and date planning functions supported in `CJ2B`. The system verifies whether users have the required authorizations for the project objects involved in scheduling and can either continue processing with a warning or stop processing with an error, depending on the configuration.

This helps prevent unauthorized scheduling changes and provides consistent authorization control across scheduling functions.

Technical Details

Type	Changed
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 FPS02

Related Information

Enable Object-Based Authorization for Scheduling

8.1.2 Commercial Project Management

8.1.2.1 OData API: Commercial Business Project - Read

Business Details

With this new API, you can read Commercial Business Project risk data.

The service is based on the OData V4 protocol and can be consumed by apps and other user interfaces.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_COMMERCIALBUSINESSPROJECT`
Application Component	`CA-CPD` (*Commercial Project Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Commercial Business Project - Read

8.1.3 SAP Portfolio and Project Management

8.1.3.1 Portfolio Management

8.1.3.1.1 Read Project Portfolio Item and Initiative Templates Using an API

Business Details

The Project Portfolio has been extended. Now it is possible to read the Project Portfolio Initiative and Project Portfolio Item Templates by using the HTTP GET method.

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: `API_PROJECTPORTFOLIO`
Application Component	`PPM-PFM` (*Portfolio Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Operations for Project Portfolio

8.1.3.1.2 Create, Update, and Delete Portfolio Initiatives Using an API

Business Details

The Project Portfolio API has been enhanced to provide better access to information on Project Portfolio Initiative attributes and status. The user can now create, update, and delete Project Portfolio Initiatives and also update Project Portfolio Initiative Decision Point data.

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: `API_PROJECTPORTFOLIO`
Application Component	`PPM-PFM` (*Portfolio Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Operations for Project Portfolio

8.1.3.1.3 Enable Reading of Portfolio Item Risks in the Project Portfolio API

Business Details

The Project Portfolio API has been enhanced to read risk information from Project Portfolio Items data.

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: `API_PROJECTPORTFOLIO`
Application Component	`PPM-PFM` (*Portfolio Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Project Portfolio
Read

8.1.3.1.4 Portfolio Management: Small Enhancements as Part of SAP Customer Influence Program

Business Details

Improvements in the *Portfolio Management* component are available to you in the context of the SAP Customer Influence Program for Portfolio and Project Management. These improvements are based on proposals submitted by customers through this program.

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
PPM-PFM (*Portfolio Management*)	Replacing the "Create" drop-down with a direct "Create Item" button when multiple item creation is deactivated.	S4CORE 109	Changed	299764	3756946

These improvements are valid for all countries.

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

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`PPM-PFM` (*Portfolio Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS02

8.1.3.2 Project Management

8.1.3.2.1 Ability to Read Accounting Information for Development Projects Using an API

Business Details

The Development Project has been extended, and it is now possible to read the accounting objects assigned to development project.

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: `API_DEVELOPMENTPROJECT`
Application Component	`PPM-PRO` (*Project Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Read

8.1.3.2.2 API-based Development Project Creation From Templates

Business Details

The Development Project has been extended. Now it is possible to create the Development Project data by using the HTTP POST method with the existing project 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: `API_DEVELOPMENTPROJECT`
Application Component	`PPM-PRO` (*Project Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Create Development Project from Template

8.1.3.2.3 Enable Reading of Project Risks in the Development Project API

Business Details

The Development Project API has been enhanced to read risk information from Development Project data.

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:`API_DEVELOPMENTPROJECT`
Application Component	`PPM-PRO` (*Project Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Development Project – Create, Read, Update
Read

8.1.3.2.4 Update Development Project

Business Details

The Development Project has been enhanced. You can now update the Development Project header data and status data using HTTP PATCH.

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: `API_DEVELOPMENTPROJECT`

Application Component	`PPM-PRO` (*Project Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Update Development Project

8.2 Product Compliance

8.2.1 Foundation for Product Compliance

8.2.1.1 OData API: Compliance Requirement Version – Read

Business Details

With this feature, you can enable external systems and other consumers to read the information of a compliance requirement version through an API call. This service makes compliance requirement version data available through its header entity.

This is an OData version 4 service. This version aims to improve processing time and resource consumption of clients and servers. This includes a lightweight JSON format that reduces the size of every response.

Related Information

For more information, see Compliance Requirement Version – Read in the product assistance.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	31G (Chemical Compliance Approval for Purchased Material and Supplier) 31H (Assess Marketability of a Product) 31J (Chemical Compliance in the Value Chain) 3VQ (Safety Data Sheets in the Value Chain) 3VR (Manage Safety Data Sheets for Products) 3FC (Assess Dangerous Goods for a Product) 3G8 (Dangerous Goods in the Value Chain) 5OJ (Supplier Compliance in the Value Chain)
Technical Object Name	`ComplianceReqVers`
Application Component	`EHS-SUS-FND-PC` (*Product Compliance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

8.2.1.2 Change Log App for Regulatory Content Service Updates

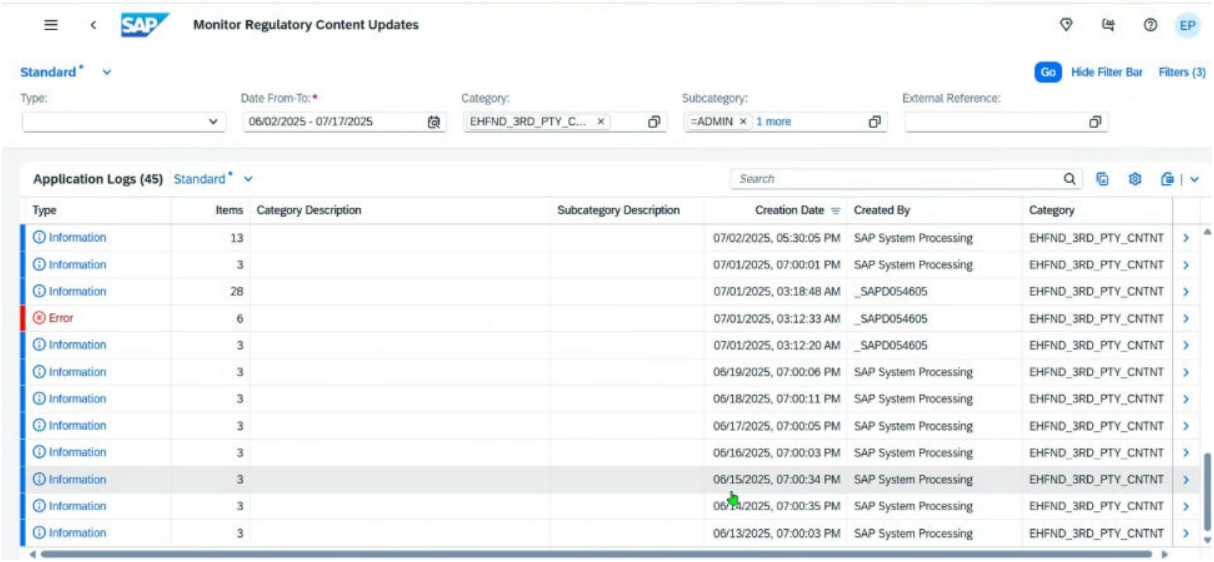
Business Details

This feature enables you to monitor regulatory content updates through a new application log app. This app shows the status of newly delivered regulatory content for product marketability, dangerous goods, safety data sheet management, authoring and occupational exposure limits.

The new Monitor Regulatory Content Updates app shows information useful when checking for regulatory content updates and the source of those updates.

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

The following types of content are delivered via the Regulatory Content Service and can be monitored in the new Monitor Regulatory Content Updates app:

- Compliance Requirements for Dangerous Goods, Safety Data Sheet Management and Authoring, Product Marketability
- Listed Substance Content
- Regulatory Phrases
- Regulatory Graphics

Configuration

This application is for viewing the updates of regulatory content brought into your system from a Third-Party Content Provider and SAP. Your administrator needs to set up the technical job in order for the content load to work, for more information contact your Third-Party Content provider.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not Applicable
Technical Object Name	App ID: F8862

Application Component	EHS-SUS-FND-PC (*Product Compliance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

8.2.1.3 Additional Functionality for Branded Products

Business Details

With this feature, support for branded products has been extended with the following functionality:

- **Purpose Assignment**: You can now assign compliance purposes to branded products. This allows you to define specific purposes for branded products that contain compliance requirement versions that deviate between the unpackaged product and the branded product. These CRVs currently include Safety Data Sheet Management, the Korean SDS Number, or the Poison Centre Notification.
- **Safety Data Sheet Generation**: You can now upload base safety data sheets that you have generated in the predecessor solution (SAP Product Safety). You can then use the *Generation of Final Safety Data Sheets* BAdI to generate final safety data sheets for your branded products based on these base safety data sheets. Alternatively, you can use the Product Compliance solution for the entire generation process. This means that you can have safety data sheets for branded products with the deviating product names and compliance information, ensuring that all regulatory requirements are met. The system considers specific data for branded products in the final safety data sheet generation, such as the UFI number as part of the poison center notification or the Korean SDS number.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3VR (Manage Safety Data Sheets for Products) 3VQ (Safety Data Sheets in the Value Chain) 7DO (Product Compliance Document Authoring)
Technical Object Name	App ID: F2641 App ID: F8407 App ID: F2647
Application Component	EHS-SUS-FND (*Sustainability Foundation*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

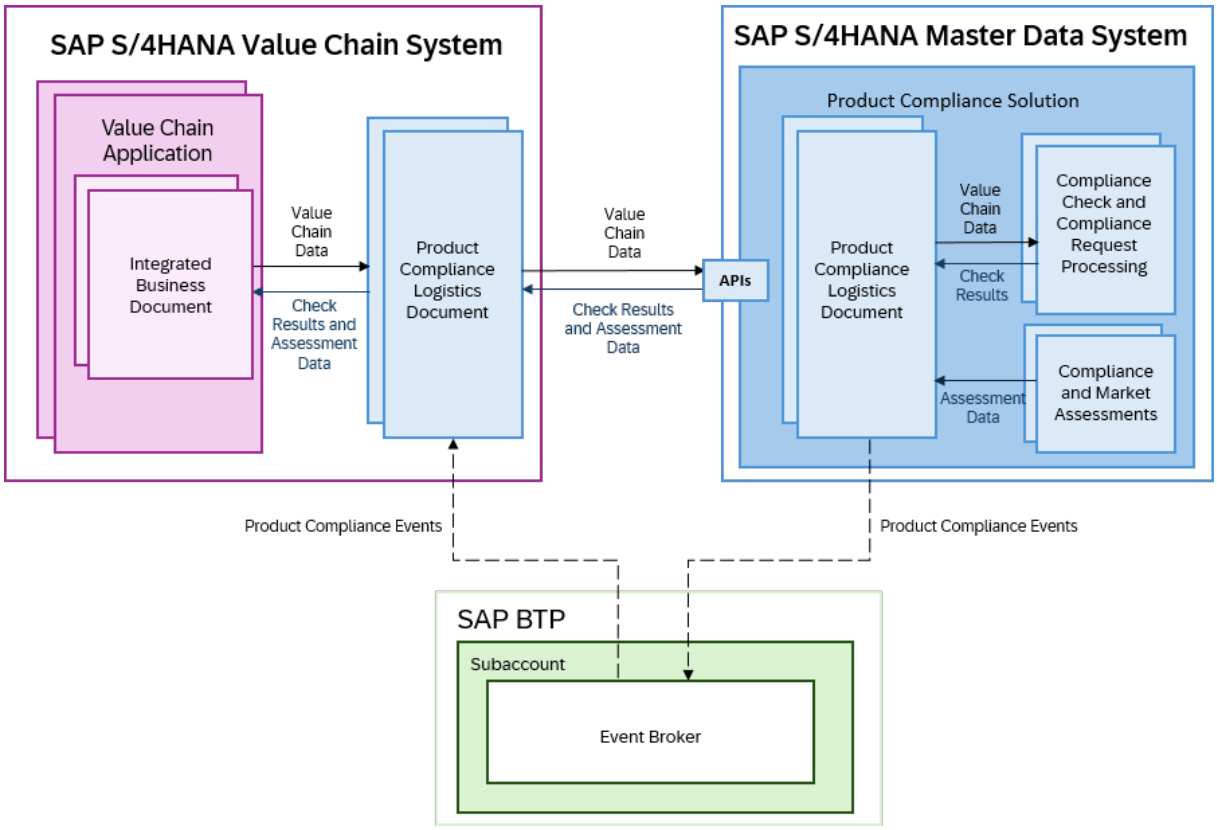
Manage Compliance Views
Manage Basic Compliance Data - Unpackaged Products
Branded Product

8.2.1.4 Remote Enablement of Product Compliance Checks

Business Details

With this feature, you can integrate *Product Compliance* with value chain solutions, such as *Sales*, *Delivery*, and *Transportation Management*. This integration enables you to carry out logistics processes involving product compliance checks in a complex system landscape. For example, you could be working with a diverse landscape of SAP S/4HANA systems and could also include third-party systems, which can be integrated via API.

The following diagram depicts such a system landscape:



Implementation Details

You can integrate *Product Compliance* with a remote value chain solution by creating a remote function connection as follows:

1. In the value chain solution, run transaction `SM59`.
2. Choose the *Create* icon.
3. In the *Destination* field, enter the ID of the *Product Compliance* system.
4. In the *Connection Type* field, select *HTTP connection to ABAP system*.
5. Choose *Continue*.
6. Fill out the connection parameters, such as the host, port, path, prefix, and logging settings, for a connection to the Product Compliance Logistics Document API (`ProdCmplncLogisticsDocument`).
7. Carry out the following Customizing activity using transaction `SIMG`: *Product Compliance* > *Integration* > *Specify Communication Settings for Integration into External Systems*.
8. In the *RFC Destination* column, select the communication ID `Product Compliance Logistics Integration` with the ID that you entered in step 3.

Customizing

In the context described in the previous section, carry out the Customizing activity *Product Compliance* > *Integration* > *Specify Communication Settings for Integration into External Systems*.

Related Information

For more information about the remote enablement of product compliance checks, see Integration of Product Compliance in a Distributed System Landscape in the product assistance for *Product Compliance*.

In the product assistance, you can also find more information about how the various solution areas of *Product Compliance* are integrated with other business processes. See:

- Product Compliance Integration into Other Business Processes
- Product Marketability Integration into Other Business Processes
- Dangerous Goods Integration into Other Business Processes
- Safety Data Sheet Integration into Other Business Processes

For information about the related object used for data exchange, see Product Compliance Logistics Document.

For more information about the API related to this object, see Product Compliance Logistics Document (Version 2).

For more information about synchronizing master data between systems, see Master Data Governance.

Technical Details

Type	New
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	Not applicable
Application Component	EHS-SUS-FND-PC (*Product Compliance*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

8.2.1.5 Integration of Product Compliance Data into Multistage Intercompany Stock Transfer and Sales Processes

Business Details

With this feature, data gathered in the different processes in *Product Compliance* is integrated into the multistage intercompany stock transfer processes and multistage intercompany sales processes.

Product compliance is a critical function across many industries. To produce, sell, or transport products, companies must adhere to national and regional regulations, as well as global industry and company standards.

To ensure regulatory compliance, the system carries out automated checks within the integrated business documents to ensure regulatory compliance. These checks use key data from product compliance processes, such as supplier assessments, product marketability data, dangerous goods classifications, and information about required safety data sheets.

With this feature, the compliance checks are integrated into business documents within the following intercompany processes:

- Multistage Intercompany Stock Transfer Processes (Scope Item 7YZ)
- Multistage Intercompany Sales Processes (Scope Item 7YY)

For the multistage intercompany sales processes, the system automatically initiates shipment of the required safety data sheet in the outbound delivery.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	31J (Chemical Compliance in the Value Chain) 5OJ (Supplier Compliance in the Value Chain) 3G8 (Dangerous Goods in the Value Chain) 3VQ (Safety Data Sheets in the Value Chain) 7YZ (Multistage Intercompany Stock Transfer) 7YY (Multistage Intercompany Sales)
Technical Object Name	`Not applicable`
Application Component	`EHS-SUS-FND-PC` (*Sustainability Foundation for Product Compliance*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

8.2.2 Dangerous Goods Management

8.2.2.1 OData API: Dangerous Goods Classification

Business Details

With this feature, the *Dangerous Goods Classification* (`DangerousGdsClassfctn`) API service has been enhanced with a new `_PackingInstruction` parameter that can be used in the request body for the *Calculate Points for ADR/RID Quantity Exemption* operation. With this new parameter in the operation, logistics packing instructions containing dangerous goods are considered in the calculation of points for the exemptions related to quantities per transport unit according to ADR/RID 1.1.3.6. For the logistics packing instructions, the operation considers the number of handling units instead of shipped quantity.

More Information

For more information about the API service, see Dangerous Goods Classification.

Link to the API on the SAP Business Accelerator Hub: Dangerous Goods Classification

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3FC (Assess Dangerous Goods for a Product) 3G8 (Dangerous Goods in the Value Chain)
Technical Object Name	API: `DangerousGdsClassfctn`
Application Component	`EHS-SUS-DG` (*Dangerous Goods*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

8.2.2.2 Predefined Launchpad Space: Dangerous Goods

The predefined launchpad space Dangerous Goods (SAP_BR_DG_SPLST_PCL) assigned to the business role template Dangerous Goods Specialist - Product Compliance (SAP_BR_DG_SPLST_PCL) has been changed. If your business users are reusing this space and have the relevant authorizations, the layout and apps shown on the launchpad will change.

These changes become effective automatically if all of the following conditions are met:

- The relevant business users have the authorizations for using the relevant apps.
- The SAP-delivered space template (not a customer-created space) is assigned to these business users through the assigned business roles.

> **Note**
>
> If personalization for launchpad spaces and pages is enabled, end users can make manual changes that may conflict with the changes described below.

The following table summarizes the changes relating to the individual page templates within the space template.

Changes to Predefined Launchpad Space

Name and ID of Affected Launchpad Page	Change	Details
Dangerous Goods Specialist - Product Compliance (SAP_BR_DG_SPLST_PCL)	An app has been added to the section *Classification*	The following new app has been added: *Manage Regulation Updates - Packing Instructions* For more information, see Reassessing Products in Packing Instructions After a Dangerous Goods Regulation Update [page 407].

You can access detailed information about each launchpad space and page in the *Manage Launchpad Spaces* and *Manage Launchpad Pages* apps. For more information, see Managing Launchpad Spaces and Pages.

Implementation Details

If this SAP-delivered space template is already assigned to business users, the changes described here become effective for them automatically after the upgrade. If a customer-created space is assigned to business users, you as the system administrator need to decide if you're going to make these changes in your customer-created space manually.

For more information about assigning customer-created spaces or SAP-delivered space templates, see How to Create and Assign Spaces and Pages.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3FC (Assess Dangerous Goods for a Product)
Technical Object Name	Space ID: SAP_BR_DG_SPLST_PCL
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Managing Launchpad Spaces and Pages

8.2.2.3 Content Update for Dangerous Goods Regulations

Business Details

To support your business processes, SAP delivers compliance requirements as regulatory content. In Dangerous Goods Management, a compliance requirement version contains data for a specific version of a dangerous goods regulation. With the SAP regulatory content, new and updated versions of compliance requirements are delivered continuously to support you in classifying your products according to dangerous goods regulations.

With this feature, the following content changes are delivered:

New Compliance Requirement Versions

With this feature, the new *IATA-DGR 2026*, *UNRTDG 2025*, and *JT/T 617.3 (amended with 2024)* compliance requirement versions are delivered.

Updated Compliance Requirements

With this feature, the following compliance requirement versions have been updated:

- **New Description Templates, Selection Rules, and Placeholders**
  The following compliance requirement versions have been updated with new description templates, selection rules, and placeholders to support the classification of multi-component dangerous goods: *ADG 2024*, *ADN 2025*, *ADR 2025*, *ANTT 2023*, *CFR 49 as of May 13th 2024*, *IMDG Code 2024*, *JT/T 617.3 (amended with 2024)*, *NCh382 2021*, *NOM-002-SCT/2023*, *NZS HB 2021*, *RID 2025*, *SANS 2022*, *TDG 2020*, and *UNRTDG 2025*.
- **Additional Packing Instructions**
  The following compliance requirement versions have been updated with additional packing instructions:
  - For *ADG*, packing instructions for the following types of packages have been added:
    - Packages other than IBCs: P003, P004, P005, P006, P099, P206, P207, P400, P401, P402, P403, P404, P406, P410, P502, P503, P504, P601, P602, P903, P907, P908, P909, P910, P911
    - Intermediate bulk containers: IBC01, IBC02, IBC03, IBC04, IBC05, IBC06, IBC07, IBC08, IBC100, IBC520, IBC620, IBC99
    - Large Packaging: LP01, LP02, LP03, LP101, LP102, LP200, LP 621, LP622, LP902, LP903, LP904, LP905, LP906, LP99
  - For *ADN*, packing instructions for the following types of packages have been added:
    - Packages other than IBCs: P003, P004, P005, P006, P099, P206, P207, P400, P401, P402, P403, P404, P406, P410, P502, P503, P504, P601, P602, P903, P907, P908, P909, P910, P911
    - Intermediate bulk containers: IBC01, IBC02, IBC03, IBC04, IBC05, IBC06, IBC07, IBC08, IBC100, IBC520, IBC620, IBC99
    - Large Packaging: LP01, LP02, LP03, LP101, LP102, LP200, LP 621, LP622, LP902, LP903, LP904, LP905, LP906, LP99

- For *ANTT* , packing instructions for the following types of packages have been added:
  - Packages other than IBCs: P003, P004, P005, P006, P099, P206, P207, P400, P401, P402, P403, P404, P406, P410, P502, P503, P504, P601, P602, P903, P907, P908, P909, P910, P911
  - Intermediate bulk containers: IBC01, IBC02, IBC03, IBC04, IBC05, IBC06, IBC07, IBC08, IBC100, IBC520, IBC620, IBC99
  - Large Packaging: LP01, LP02, LP03, LP101, LP102, LP200, LP 621, LP622, LP902, LP903, LP904, LP905, LP906, LP99
- For *IMDG Code*, packing instructions for the following types of packages have been added:
  - Packages other than IBCs: P400, P406, P504, P601, P602, P9ß3, P910
  - Intermediate bulk containers: IBC01, IBC02, IBC03, IBC04, IBC05, IBC06, IBC07, IBC08, IBC100
  - Large Packaging: LP01, LP02, LP03, LP101, LP102, LP200, LP 621, LP622, LP902, LP903, LP904, LP905, LP906, LP99
- For *JT/T 617.3* , packing instructions for the following types of packages have been added:
  - Packages other than IBCs: P003, P004, P005, P006, P099, P206, P207, P400, P401, P402, P403, P404, P406, P410, P502, P503, P504, P601, P602, P903, P907, P908, P909, P910, P911
  - Intermediate bulk containers: IBC01, IBC02, IBC03, IBC04, IBC05, IBC06, IBC07, IBC08, IBC100, IBC520, IBC620, IBC99
  - Large Packaging: LP01, LP02, LP03, LP101, LP102, LP200, LP 621, LP622, LP902, LP903, LP904, LP905, LP906, LP99
- For *NCh382* , packing instructions for the following types of packages have been added:
  - Packages other than IBCs: P003, P004, P005, P006, P099, P206, P207, P400, P401, P402, P403, P404, P406, P410, P502, P503, P504, P601, P602, P903, P907, P908, P909, P910, P911
  - Intermediate bulk containers: IBC01, IBC02, IBC03, IBC04, IBC05, IBC06, IBC07, IBC08, IBC100, IBC520, IBC620, IBC99
  - Large Packaging: LP01, LP02, LP03, LP101, LP102, LP200, LP 621, LP622, LP902, LP903, LP904, LP905, LP906, LP99
- For *NOM-002-SCT*, packing instructions for the following types of packages have been added:
  - Packages other than IBCs: P003, P004, P005, P006, P099, P206, P207, P400, P401, P402, P403, P404, P406, P410, P502, P503, P504, P601, P602, P903, P907, P908, P909, P910, P911
  - Intermediate bulk containers: IBC01, IBC02, IBC03, IBC04, IBC05, IBC06, IBC07, IBC08, IBC100, IBC520, IBC620, IBC99
  - Large Packaging: LP01, LP02, LP03, LP101, LP102, LP200, LP 621, LP622, LP902, LP903, LP904, LP905, LP906, LP99
- For *NZS HB*, packing instructions for the following types of packages have been added:
  - Packages other than IBCs: P003, P004, P005, P006, P099, P206, P207, P400, P401, P402, P403, P404, P406, P410, P502, P503, P504, P601, P602, P903, P907, P908, P909, P910, P911
  - Intermediate bulk containers: IBC01, IBC02, IBC03, IBC04, IBC05, IBC06, IBC07, IBC08, IBC100, IBC520, IBC620, IBC99
  - Large Packaging: LP01, LP02, LP03, LP101, LP102, LP200, LP 621, LP622, LP902, LP903, LP904, LP905, LP906, LP99
- For *RID* , packing instructions for the following types of packages have been added:
  - Packages other than IBCs: P400, P406, P504, P601, P602, P903, P910
  - Intermediate bulk containers: IBC01, IBC02, IBC03, IBC04, IBC05, IBC06, IBC07, IBC08, IBC100
  - Large Packaging: LP01
- For *SANS*, packing instructions for the following types of packages have been added:

- Packages other than IBCs: P003, P004, P005, P006, P099, P206, P207, P400, P401, P402, P403, P404, P406, P410, P502, P503, P504, P601, P602, P903, P907, P908, P909, P910, P911
- Intermediate bulk containers: IBC01, IBC02, IBC03, IBC04, IBC05, IBC06, IBC07, IBC08, IBC100, IBC520, IBC620, IBC99
- Large Packaging: LP01, LP02, LP03, LP101, LP102, LP200, LP 621, LP622, LP902, LP903, LP904, LP905, LP906, LP99

- For *UNRTDG*, packing instructions for the following types of packages have been added:
  - Packages other than IBCs: P400, P406, P504, P601, P602, P903, P910
  - Intermediate bulk containers: IBC01, IBC02, IBC03, IBC04, IBC05, IBC06, IBC07, IBC08, IBC100
  - Large Packaging: LP01

Finally, there are new graphics added for compliance requirements *NCh382 2021* and *TDG 2020*.

> **Note**
>
> If you've enabled the continuous content delivery feature from the Regulatory Content Service, your content will be automatically updated to include the new and updated compliance requirement versions.

Implementation Details

You can find the new and updated compliance requirement versions in the *Activate Compliance Requirements - Dangerous Goods* app. In this app, you must activate the new compliance requirement version so that you can use the new data in the dangerous goods classification process. The data for the updated compliance requirement versions are immediately used in the dangerous goods processes. There is no need to activate the versions. However, you can confirm the changes for the updated compliance requirement versions this app.

Effects on Existing Data

With a new activated compliance requirement version, data from a new revision of a dangerous goods regulation is delivered. As a dangerous goods expert, you need to review the changes in the regulation and, if necessary, reclassify your products according to the new revision of the regulation. To support you in reclassifying your products, the system automatically creates classification requests for the affected products after you have activated the new compliance requirement version. You can check and release the classification using the *Manage Regulation Updates - Unpackaged Products*, *Manage Regulation Updates - Packaged Products*, and *Manage Regulation Updates - Packing Instruction* apps.

Related Information

For more information about the changes in the description templates, placeholders, and selection rules, see Classification of Multi-Component Dangerous Goods [page 401].

You can find more information in the product assistance for *Product Compliance*.

- For more information about the delivered compliance requirements and content related to dangerous goods, see SAP Content for Dangerous Goods Management.
- For more information on how to reclassify your products, see Reassessing Products After Dangerous Goods Regulation Updates.

- For more information about the apps that you can use to view the delivered dangerous goods regulatory data including the packing instructions, see:
  - Manage Compliance Requirements - Dangerous Goods
  - View Regulatory Data - Dangerous Goods
- For more information about how to continuously update your regulatory content, see Regulatory Content Service.
- For more information about placeholders and description templates, see Dangerous Goods Description.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3FC (Assess Dangerous Goods for a Product)
Technical Object Name	Not applicable
Application Component	EHS-SUS-DG (*Product Compliance - Dangerous Goods*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

8.2.2.4 Classification of Multi-Component Dangerous Goods

Business Details

With this feature, the dangerous goods classification process has been enhanced to support the classification of multi-component products.

Multi-component dangerous goods consist of two or more compliance-relevant components that are sold together as a single product. When you classify multi-component dangerous goods according to dangerous goods regulations, you classify the entire multi-component dangerous good, not its individual components. When transported, all components of a multi-component dangerous good must be packed together in a packaging that complies with the applicable dangerous goods regulations.

To support the classification of multi-component dangerous goods, the following enhancements are delivered:

Adaptation of Classification Request Generation for Packaged Products

With this feature, the process for generating classification requests for packaged products has been adapted to support multi-component dangerous goods. For packaged dangerous goods, the classification requests are generated when the classification of an assigned unpackaged dangerous good has been released. However,

this approach doesn't apply to multi-component dangerous goods. If a compliance purpose is assigned to a multi-component product, the system checks the released classifications of the components. If the compliance purpose includes compliance requirements that represent dangerous goods regulations for which the components are already classified, the system generates classification requests for the multi-component dangerous good.

> ### Example
>
> The components of a multi-component dangerous good are classified according to only the latest version of the ADR regulation, and the classifications of these components have been released. In this case, when a compliance purpose that contains the *ADR* compliance requirement is assigned to the multi-component compliance view, the system generates classification requests for the multi-component dangerous good. When a compliance purpose that contains only the *49 CFR* compliance requirement is assigned, no classification requests are generated.

Enhancements to the *My Packaged Dangerous Goods* App

In the *My Packaged Dangerous Goods* app, you can access the classification requests and start the classification process for multi-component dangerous goods. With this feature, a new column has been added to the *In My Responsible Unit* and *With My Involvement* worklists on the *Packaged Product* tab in the *My Packaged Dangerous Goods* app. This new column allows you to easily identify multi-component dangerous goods. When you select a multi-component dangerous good from one of these lists, you're navigated to the new *Classify Multi-Component Dangerous Good* app.

Introduction of the *Classify Multi-Component Dangerous Good* App

With this feature, the *Classify Multi-Component Dangerous Good* app is delivered. This app provides an overview of the regulation for classifying the multi-component dangerous good that you selected in the *My Packaged Dangerous Goods* app. You can view and edit product-specific data, such as the packing information for the multi-component dangerous good. If applicable, you can set the multi-component dangerous good to partially packaged. If needed, you can enter hazard notes for the multi-component dangerous good. Additionally, you can view and edit the packaging of each component.

Based on the entered packaging information, you can classify your multi-component dangerous good according to the relevant versions of the applicable dangerous goods regulation. You classify it by entering an enclosure variant and setting the transport permission for the supported modes of transport. When you save your entries, the system automatically determines the applicable labels. Additionally, the system generates the dangerous goods description for documents. For multi-component dangerous goods, the description for documents contains information about all components together with packaging details and hazard notes for the multi-component dangerous goods.

After you've finished the dangerous goods classification of your multi-component dangerous good, you can release the classification. If you have already released classifications for any of the dangerous goods regulation versions, you can create a new classification version in status *In Progress* for those regulation versions.

Enhancements to the Generation of the Dangerous Goods Description for Documents

With this feature, new placeholders, description templates, and selection rules are provided to support the generation of the dangerous goods description for documents for multi-component dangerous goods.

Placeholders

Placeholders are variables that are used to generate the description in the required languages. They're used within description templates to determine which text has to be included in the dangerous goods description.

With this feature, the following new placeholders are delivered to support the printing of dangerous goods information for multi-component dangerous goods:

- `<<MCP_COMPONENT_NAME>>`: This placeholder is used for the product name of a component of the multi-component dangerous good. If a product master data record is assigned to the compliance view, the placeholder is resolved with the description of the product master record that is selected as *Preferred Name* in the *Manage Basic Compliance Data - Unpackaged Product* app for the component. If no product master data record is assigned to the compliance view, the placeholder is resolved with the internal name of the compliance view.
- `<<MCP_COMPONENT QUANTITY>>`: This placeholder represents the quantity and unit of measurement of the packaging of a component of a multi-component dangerous good. This placeholder is resolved with the quantity and the unit of measurement that is entered in the *Classify Multi-Component Dangerous Good* app in the *Packaging of Components* section.
- `<<MCP_TEXT_EACH>>`: This placeholder is used for the translatable text for parts of the packing information for multi-component dangerous goods. This placeholder is resolved with the translation of the text *each* in the required languages.
- `<<MCP_TEXT_ALL_IN_ONE>>`: This placeholder is used for the translatable text for parts of the packing information for multi-component dangerous goods. This placeholder is resolved with the translation of the text *All Packed in One* in the required languages.

Description Templates

Description templates are used for printing the required dangerous goods information with the formatting specified in the dangerous goods regulations on a document. A description template consists of three segments to generate the dangerous goods description for documents and one segment for generating the marking text that is required on packages. Each segment contains placeholders for the different information that has to be included in the description for documents or in the marking texts.

With this feature, new description templates are delivered containing the new placeholders for the multi-component dangerous goods. The dangerous goods description for multi-component dangerous goods consists of the following three parts:

- **Descriptions for Documents**: The first part resolves placeholders from the *Descriptions for Documents* segment of the description template with classification data of all components and their packaging information.
- **Dangerous Goods Packaging and Quantity Information**: The second part resolves placeholders from the *Dangerous Goods Packaging and Quantity Information* segment with packaging information of the multi-component dangerous good.
- **Hazard Notes/Additional Information**: The third part resolves placeholders from the *Hazard Notes/ Additional Information* segment with the hazard notes of the multi-component dangerous good.

Example

Here's an example of a dangerous goods description for a 2-component glue that consists of a hardener and resin, packed together with a scraper:

Hardener

UN 3259 AMINES, SOLID, CORROSIVE, N.O.S. (ISOPHORONDIAMINE, N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1-3-DIAMINE), 8, III, (E)

0.5 l

Resin

> UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BISPHENOL-A-EPICHLORHYDRINRESIN M <=700), 9, III, (-)
>
> 3 l
>
> Scraper
>
> No dangerous goods
>
> 2 Fiberboard Box (4G), each
>
> Keep away from heat.

With this feature, the following new description templates are delivered to support the printing of dangerous goods information for multi-component dangerous goods:

- Multi-Component Product: De Minimis Quantity
- Multi-Component Product: Default Description Template
- Multi-Component Product: Excepted Quantity
- Multi-Component Product: Exemptions / Special Provisions
- Multi-Component Product: Exemptions / Special Provisions (Flash Point Dependent)
- Multi-Component Product: Limited Quantity
- Multi-Component Product: Limited Quantity – Inland Waterway
- Multi-Component Product: Limited Quantity – Road / Rail
- Multi-Component Product: Limited Quantity (Cargo)
- Multi-Component Product: Limited Quantity (Passenger)
- Multi-Component Product: Non Dangerous Goods
- Multi-Component Product: Packaging
- Multi-Component Product: Packaging – Inland Waterway
- Multi-Component Product: Packaging – Road / Rail
- Multi-Component Product: Packaging (Cargo)
- Multi-Component Product: Packaging (Passenger)

Selection Rules

Selection rules are used to determine the template to generate the correct description for documents and the correct marking text in the application. With the selection rules, the system determines the applicable description template to generate descriptions that, for example, depend on specific enclosure variants and exemptions or special provisions. This feature introduces new selection rules for multi-component dangerous goods to determine their description templates. To support the determination, a new column has been added to the general selection rules indicating whether the rule applies to multi-component dangerous goods.

Enhancements in the Determination of Labels for Multi-Component Dangerous Goods

With this feature, the determination of applicable labels has been enhanced to automatically calculate the applicable labels for multi-component dangerous goods. When you classify multi-component dangerous goods in the *Classify Multi-Component Dangerous Good* app, the system automatically determines the applicable labels for all selected regulation versions when you save the classification data. It uses new rules that consider the enclosure variant of the multi-component dangerous good. Additionally, the system uses the classification data, packaging information, as well as physical-chemical properties such as the state of matter of all components of the multi-component dangerous good.

Enhancements to the *Dangerous Goods Information - For Products* App

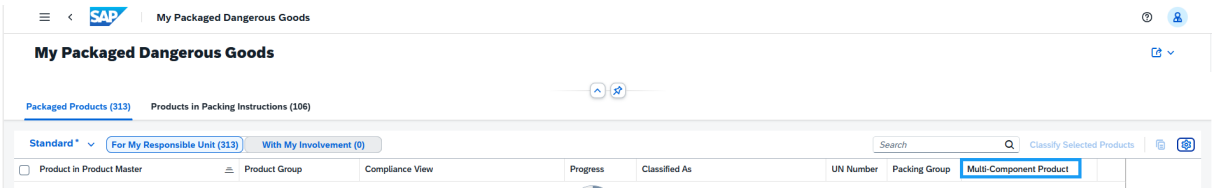
In the *Dangerous Goods Information - For Products* app, you can search for products that are used in dangerous goods processes. With this feature, a new column has been added to the worklist on the *Products* tab in the *Dangerous Goods Information - For Products* app. This new column allows you to easily identify multi-component dangerous goods.

Examples of the User Interface

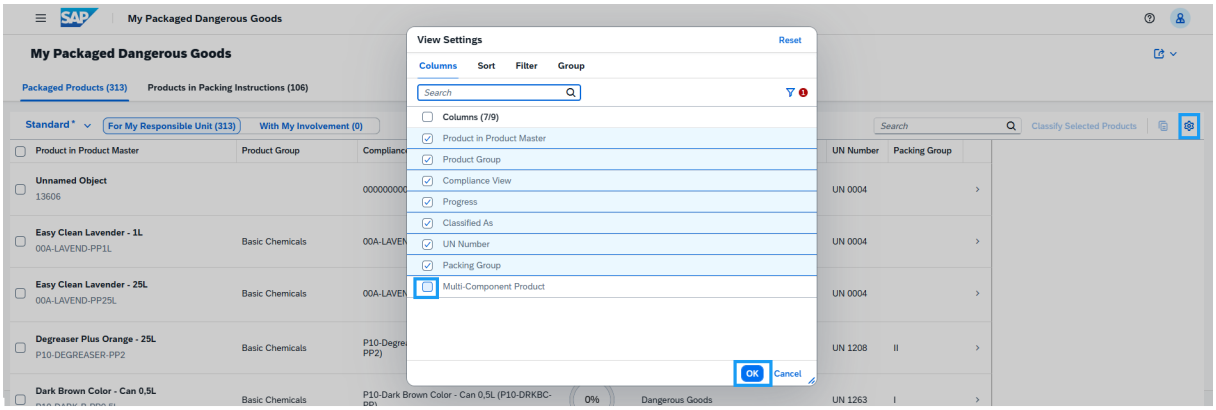
> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

User Interface in the *My Packaged Dangerous Goods* app:

In the *My Packaged Dangerous Goods* app, the *Multi-Component Product* column is displayed in the *Packaged Product* list.

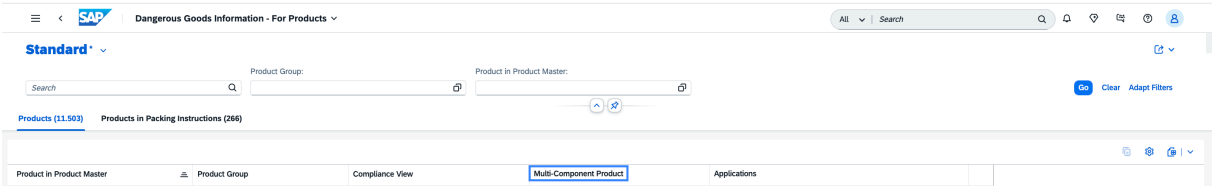


However, the column isn't displayed in the standard settings. To display the *Multi-Component Product* column, select the *Settings* icon. In the *View Settings* dialog, select the *Multi-Component Product* column and choose *OK*.



User Interface in the *Dangerous Goods Information - For Products* app:

In the *Dangerous Goods Information - For Products* app, the *Multi-Component Product* column is displayed in the *Products* list.



Implementation Details

Effects on Existing Data

With this feature, all compliance requirement versions have been updated with the new description templates and selection rules. The data for the updated compliance requirement versions is immediately used in the dangerous goods processes. There's no need to activate the updated versions. Optionally, you can confirm the changes for the updated compliance requirement versions in the *Activate Compliance Requirements - Dangerous Goods* app.

Related Information

You can find more information in the product assistance for *Product Compliance*:

- For more information about the classification of multi-component dangerous goods, see How to Classify Multi-Component Dangerous Goods.
- For more information about the apps that support multi-component dangerous goods, see:
  - My Packaged Dangerous Goods
  - Classify Multi-Component Dangerous Good
  - Dangerous Goods Information - For Products
- For more information about the concepts, see:
  - Generation of Classification Request for Multi-Component Dangerous Goods
  - Multi-Component Dangerous Goods
  - Placeholders
  - Dangerous Goods Description
  - Label Determination for Dangerous Goods

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3FC (Assess Dangerous Goods for a Product)
Technical Object Name	App ID: `F8930` (Classify Multi-Component Dangerous Good) `F3711` (My Packaged Dangerous Goods) `F7328` (Dangerous Goods Information - For Products)

Application Component	**EHS - SUS - DG** (*Product Compliance - Dangerous Goods*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

8.2.2.5 Reassessing Products in Packing Instructions After a Dangerous Goods Regulation Update

Business Details

With this feature, you can easily reassess the affected classifications of products in packing instructions after a dangerous goods regulation has been updated and a new version has been activated in the system.

Dangerous goods regulations like ADR, IATA, and IMDG are periodically updated. You, as a dangerous goods expert, have a transition period in which you have to check the changes and, if necessary, reclassify your products according to the new version of the regulation.

To support you in the reassessment process, the system automatically creates classification requests for the affected products in packing instructions. You can find those classification requests in the *Manage Regulation Updates - Packing Instruction* app. In this app, you can view the affected packing instructions and their dangerous goods assessments for all active versions of a compliance requirement (dangerous goods regulation). The app displays the assessments that are in status *Released* or *In Progress*. You can compare the existing classification data and for products that you don't need to reclassify, you can select one or multiple assessments in progress and release them altogether.

Implementation Details

Authorizations

To enable users to access the *Manage Regulation Updates - Packing Instructions* app, their business users need to have the following catalog assigned: *Product Compliance - Packaged Dangerous Goods* (`SAP_PSS_BC_PC_PKG_DG_MGMT`).

Related Information

For more information about the reassessment of dangerous goods and the related apps in the Product Assistance for *Product Compliance*, see:

- Reassessing Products After Dangerous Goods Regulation Updates
- Manage Regulation Updates - Packing Instructions

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3FC (Assess Dangerous Goods for a Product)
Technical Object Name	App ID: F8747
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

8.2.2.6 Display of Data for Dangerous Goods Packaged in Logistics Packing Instruction

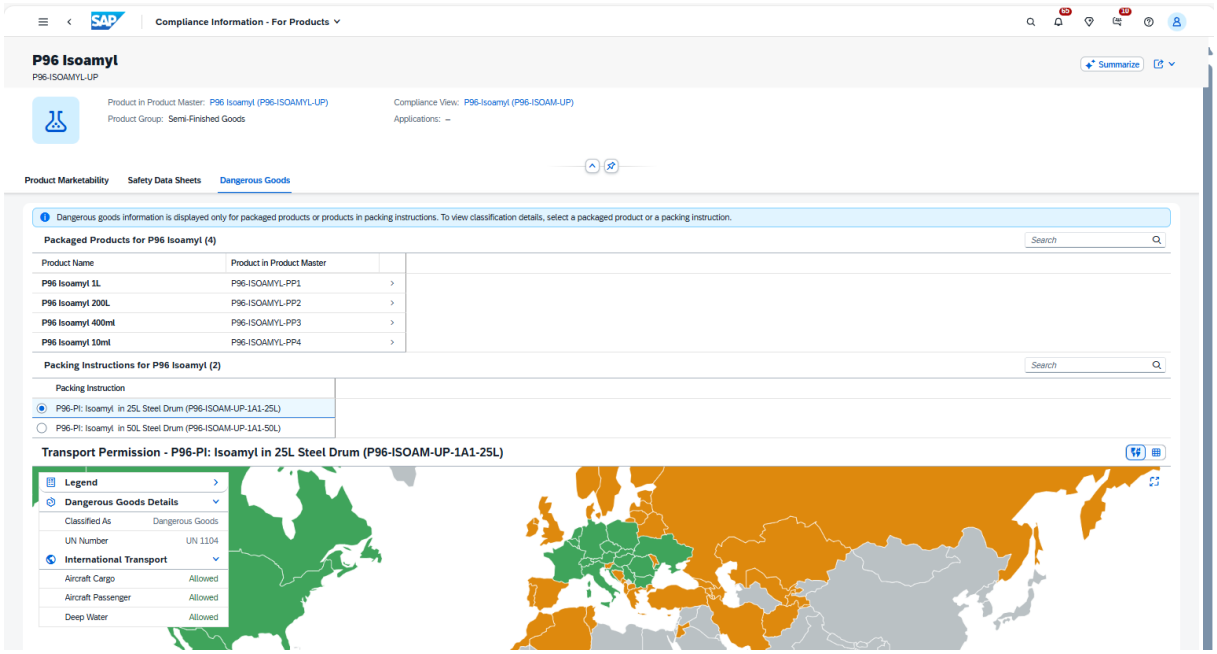
Business Details

With this feature, the *Dangerous Goods* tab in the *Compliance Information – For Products* (F3226) app has been enhanced. It now displays dangerous goods data for the packing instructions that contain dangerous goods. When you select a packing instruction for an unpackaged or partially packaged dangerous goods, you can display the UN number and an overview of the transport permissions. Transport permissions for countries/regions are available as a world map or in a table view. Additionally, a *Product in Product Master* field is added in the filter bar for the *Products* list.

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 *Dangerous Goods* tab for an unpackaged or partially packaged dangerous good now consists of two separate lists – one for the related packaged products and a newly added one for the packing instructions. Each list now includes a search field to help you quickly filter and narrow down the entries. When you select a packing instruction from the list, a map view is opened that displays the transport permissions. You can see an overview of the dangerous goods details and transport permissions for international transport. The map displays the countries/regions in different colors based on the domestic transport permission: green indicates transport is allowed, orange means it is restricted, and gray shows it is forbidden. When you select a country or region, you can view the transport permissions for the supported modes of transport.



View of a Selected Unpackaged Product

More Information

For more information about the app, see Compliance Information - For Products.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3FC (Assess Dangerous Goods for a Product)
Technical Object Name	App ID: **F3226**
Application Component	**EHS-SUS-DG** (*Dangerous Goods*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

8.2.2.7 Integration of Dangerous Goods Packaged in Logistics Packing Instructions in Sales Processes

Business Details

With this feature, you can successfully process sales documents with unpackaged or partially packaged dangerous goods when handling units are created based on logistics packing instructions with a released dangerous goods classification.

To further support you in complying with dangerous goods regulations, dangerous goods classification data of logistics packing instructions is integrated into the processing of sales documents. When handling units are created based on a logistics packing instruction, the system carries out transport permissibility and mixed loading checks using the classification of that packing instruction. Depending on the result of the check, the system either allows further processing or issues a warning.

When an unpackaged or partially packaged dangerous good is added to a sales document and at least one classification of an associated packing instruction has not yet been released, an entry is created in the *Process Requests from Logistics* (F3342) app for the dangerous goods specialist to carry out the dangerous goods assessment.

> **Note**
>
> This feature supports only the delivery-based transportation planning process, where freight units are linked to outbound deliveries. The order-based transportation planning process is not supported.

Implementation Details

Effects on Existing Data

The following data was enhanced to support the integration of dangerous goods packaged in logistics packing instructions:

- The placeholder `<<SHIPPED_QUANTITY>>` that is used in the dangerous goods description for documents is enhanced to consider and outputs the number of handling units that are created based on the logistics packing instruction.
- The dangerous goods information printed after each line item on a sales document contains one entry per logistics packing instruction used to create the handling units for that item.

More Information

You can find more information in the product assistance for *Product Compliance*:

- For more information about the integration of dangerous goods data into value chain processes, see Integration of Dangerous Goods Data into Value Chain Processes.
- For more information about the transport permissibility check and the mixed loading check that are carried out in business documents within the value chain, see Dangerous Goods Checks.

- For more information about the integration of dangerous goods data in sales processes, see Dangerous Goods Check in Sales Processes.
- For more information about the related apps, see Process Requests from Logistics.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3G8 (Dangerous Goods in the Value Chain)
Technical Object Name	Not applicable
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

8.2.2.8 Integration of Dangerous Goods Packaged in Logistics Packing Instructions in Outbound Delivery Processes

Business Details

With this feature, you can successfully process outbound deliveries with unpackaged or partially packaged dangerous goods when handling units are created based on logistics packing instructions with a released dangerous goods classification.

To further support you in complying with dangerous goods regulations, dangerous goods classification data of logistics packing instructions is integrated into the processing of outbound deliveries. When handling units are created based on a logistics packing instruction, the system carries out transport permissibility and mixed loading checks using the classification of that packing instruction. Depending on the result of the check, the system either allows or blocks further processing.

When an unpackaged or partially packaged dangerous good is included in an outbound delivery and at least one classification of an associated packing instruction has not yet been released, an entry is created in the *Process Requests from Logistics* (F3342) app for the dangerous goods specialist to carry out the dangerous goods assessment.

> **Note**
>
> This feature supports only the delivery-based transportation planning process, where freight units are linked to outbound deliveries. The order-based transportation planning process is not supported.

Implementation Details

This feature is available automatically if you have already enabled the integration of dangerous goods into the value chain in your system. No additional configuration is required.

Effects on Existing Data

The following data has been enhanced to support the integration of dangerous goods packaged in logistics packing instructions:

- The placeholder `<<SHIPPED_QUANTITY>>` that is used in the dangerous goods description for documents is enhanced to consider and outputs the number of handling units that are created based on the logistics packing instruction.
- The dangerous goods information printed after each line item on a delivery document contains one entry per logistics packing instruction used to create the handling units for that item.

More Information

You can find more information in the product assistance for *Product Compliance*:

- For more information about the integration of dangerous goods data into value chain processes, see Integration of Dangerous Goods Data into Value Chain Processes.
- For more information about the transport permissibility check and the mixed loading check that are carried out in business documents within the value chain, see Dangerous Goods Checks.
- For more information about the integration of dangerous goods data in delivery processes, see Dangerous Goods Check in Delivery Processes.
- For more information about the related app, see Process Requests from Logistics.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3G8 (Dangerous Goods in the Value Chain)
Technical Object Name	Not applicable
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

8.2.2.9 Integration of Dangerous Goods Packaged in Logistics Packing Instructions in Transportation Management

Business Details

With this feature, you can successfully process transportation documents with unpackaged or partially packaged dangerous goods when handling units are created based on logistics packing instructions with a released dangerous goods classification.

To further support you in complying with dangerous goods regulations, dangerous goods classification data of logistics packing instructions is integrated into the processing of freight units, freight orders, and freight bookings. When handling units are created based on a logistics packing instruction and taken over from an outbound delivery, the system carries out transport permissibility and mixed loading checks using the classification of that packing instruction. Depending on the result of the check, the system either allows or blocks further processing.

When an unpackaged or partially packaged dangerous good is included in a transportation document and at least one classification of an associated packing instruction has not yet been released, an entry is created in the *Process Request from Logistics* (`F3342`) app for the dangerous goods specialist to carry out the dangerous goods assessment.

> **Note**
>
> This feature supports only the delivery-based transportation planning process, where freight units are linked to outbound deliveries. The order-based transportation planning process is not supported.

Implementation Details

Effects on Existing Data

The following data was enhanced to support the integration of dangerous goods packaged in logistics packing instructions:

- The calculation of points for exemption according to ADR/RID 1.1.3.6 now considers also the packing instructions containing dangerous goods. The relevant operations in the *Dangerous Goods Classification* (`DangerousGdsClassfctn`) and *Product Compliance Logistics Document* (`ProdCmplncLogisticsDocument`) API services are enhanced to include the packing instructions.
- The placeholder `<<SHIPPED_QUANTITY>>` that is used in the dangerous goods description for documents is enhanced to consider and outputs the number of handling units that are created based on the logistics packing instruction.
- The dangerous goods information printed after each line item on a freight document contains one entry per logistics packing instruction used to create the handling units for that item.

More Information

You can find more information in the product assistance for *Product Compliance*:

- For more information about the integration of product compliance data into value chain processes, see Integration of Dangerous Goods Data into Value Chain Processes.
- For more information about the transport permissibility check and the mixed loading check that are carried out in business documents within the value chain, see Dangerous Goods Checks.
- For more information about the integration of dangerous goods data in transportation management, see Dangerous Goods Check in Transportation Management.
- For more information about the related app, see Process Requests from Logistics.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3G8 (Dangerous Goods in the Value Chain)
Technical Object Name	Not applicable
Application Component	EHS-SUS-DG (*Dangerous Goods*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

8.2.3 Safety Data Sheet Management

8.2.3.1 OData API: GHS Labeling Assessment (Version 2)

Business Details

This inbound OData service enables external systems and other consumers to create, release, read, update, and delete GHS labeling assessments of compliance views and substances through API calls. The service makes GHS labeling assessments available through the internal number of the corresponding compliance object and the business configuration object (BCO) ID (R-number) of the compliance requirement version. You can query each entity to read the corresponding data. With version 2, additional entities and operations have been introduced.

This is an OData version 4 service. This version aims to improve processing time and resource consumption of clients and servers. This includes a lightweight JSON format that reduces the size of every response.

Related Information

For more information, see GHS Labeling Assessment.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7DO (Product Compliance Document Authoring)
Technical Object Name	`API_GHSLABELINGASSESSMENT`
Application Component	`EHS-SUS-SDS` (*Safety Data Sheet Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

8.2.3.2 Continuous Delivery of Regulatory Data Assessments

Business Details

With this feature, the Regulatory Content Service also supports the continuous content delivery for compliance requirements of the compliance pattern *Regulatory Data Assessment*.

The Regulatory Content Service enables frequent and independent updates of regulatory content, decoupled from the traditional SAP release cycle. This helps you remain compliant without having to wait for major software upgrades. The available content now also supports compliance requirements of the compliance pattern *Regulatory Data Assessment* in the context of safety data sheet authoring.

> ⓘ Note
>
> If you have enabled the continuous content delivery feature from the Regulatory Content Service, your compliance requirements will automatically be updated. You can view the updated or new compliance requirement versions in the *Activate Compliance Requirements – Safety Data Sheets* app.

Implementation Details

Configuration

To use the Regulatory Content Service, activate the communication scenario `SAP_COM_1115` (*SAP S/4HANA Services for Sustainability - Regulatory Content Integration*). For help on how to do so, see SAP Note 2999140 (*Activation of communication scenario SAP_COM_1115: Receiving continuous updates for regulatory content*).

Related Information

For more information on the apps and processes involved, please see the product assistance documentation:

- Compliance Requirement
- Regulatory Content Service
- SAP Content for Product Compliance
- Integration of Data Provided by a Service Provider

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7DO (Product Compliance Document Authoring) 3VR (Manage Safety Data Sheets for Products)
Technical Object Name	App ID: `F4820` App ID: `EHFND_LIST_SUBST_ENTRY_OIF` App ID: `EHSDS_CR_ENTRY_OIF`
Application Component	`EHS-SUS-SDS` (*Safety Data Sheet Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

8.2.3.3 Additional Regulatory Data Assessments

Business Details

This feature enhances the safety data sheet generation with several regulatory data assessments that belong to the *Regulatory Data Assessment* compliance pattern. All of assessments are grouped in the *Manage Regulatory Data* app (F7081).

This includes the following compliance requirements:

- Pregnant Workers Information (*DE-Pregnant Workers*)
- Chemical Characterization (*World-Chemical Nature*)
- Persistent, Mobile and Toxic, and Very Persistent and Very Mobile Substances (*EU-PMT vPvM Assessment*)
- Technical Rules for Hazardous Substances TRGS 905 (*DE-TRGS 905*)
- Derived No Effect Levels (*EU-Derived No Effect Levels*)
- Predicted No Effect Concentration (*EU-PNECs*)
- Chemikalien-Verbotsverordnung (*DE-ChemVerbotsV*)
- Engineering Measures (*World-Engineering Measures*)
- Technical Guideline for Air Pollution Control (TA Luft) (*DE-TA Luft*)
- Occupational Diseases (*FR-Occupational Diseases*)
- Nomenclature of classified installations (ICPE) (*FR-ICPE*)
- Technical Rules for Hazardous Substances TRGS 907 (*DE-TRGS 907 Sensitizers*)

The requirements on the safety data sheets and labels often differ between countries. Therefore, there are different country-specific compliance requirements for the assessments. This feature currently only supports compliance with EU regulations.

If no information about the given topic is to be displayed on a safety data sheet, you can provide a reason for the missing information. This reason is included in the safety data sheet of the product as a justification for the missing information.

Implementation Details

Effects on Existing Data

You can find the new compliance requirement versions in the *Activate Compliance Requirements - Safety Data Sheets* (F8003) app. In this app, you must activate the new compliance requirement versions before you can use them in your business processes.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7DO (Product Compliance Document Authoring)
Technical Object Name	App ID: `F7081`
Application Component	`EHS-SUS-SDS` (*Safety Data Sheet Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS02

Related Information

Manage Regulatory Data

8.2.3.4 Show Changes on Safety Data Sheets

Business Details

This feature introduces change indicators that show where changes were made in the current safety data sheet assessment compared to the previous version. In accordance with Annex II of the REACH regulation, you must indicate the changes that were made to a safety data sheet when a revised version is provided to recipients.

In the individual sections of the safety data sheet, you now have an indicator where changes were made. Additionally, a detailed summary of what values were changed and what the previous entry was is provided in a table in section 16.

Change marks only consider new major versions and only compare the data of the major predecessor versions.

You can use the *Highlight Changes in Safety Data Sheets* Business Add-In (BAdI) to adapt the determination of changes between safety data sheet versions.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3VR (Manage Safety Data Sheets for Products) 7DO (Product Compliance Document Authoring)
Technical Object Name	App ID: `F3204`
Application Component	EHS-SUS-SDS (*Safety Data Sheet Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

8.2.3.5 Set Reason for Indicating Hazardous Ingredients

Business Details

With this feature, you can specify why a substance is labeled as a hazardous ingredient.

According to regulation (EC) No 1272/2008, you must provide the classification of hazardous ingredients. This includes the hazard class and category code, as provided in table 1.1 of annex VI to that regulation, as well as the hazard statements and supplementary hazard statements.

If a substance does not meet the classification criteria, you must specify the reason for indicating the substance in subsection 3.2., for example, because it is a "non-classified vPvB substance" or "substance with a union workplace exposure limit". Leaving the field empty means that the GHS classification criteria are met. This information is used on the safety data sheet.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3VR (Manage Safety Data Sheets for Products) 7DO (Product Compliance Document Authoring)
Technical Object Name	App ID: `F5086`
Application Component	`EHS-SUS-SDS` (*Safety Data Sheet Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Assess Hazardous Ingredients

8.2.3.6 Shipment of Fallback Safety Data Sheets

Business Details

This feature enables you to define fallback safety data sheets to send when there are no country/region-specific ones available.

When no country/region-specific safety data sheet is available for a product, you can define a fallback safety data sheet that should be shipped instead. This may not cover the local regulations sufficiently, so please evaluate if this procedure meets your requirements. The fallback is set at compliance requirement level in the *Configure Compliance Requirements – Safety Data Sheets* app.

Changes to the User Interface

In the *Configure Compliance Requirements – Safety Data Sheets* app, the new *Fallback SDS* section indicates which compliance requirement is currently set as the fallback. You can set the current compliance requirement as the new fallback by choosing the *Set Compliance Requirement as Fallback* button.

Related Information

For more information on the apps and processes involved, please see the product assistance documentation:

- Configure Compliance Requirements - Safety Data Sheets
- Compliance Information - For Products
- Monitor Shipments – Safety Data Sheets

Technical Details

Type	New
Functional Localization	No localization
Scope Item	3VR (Manage Safety Data Sheets for Products)
Technical Object Name	App ID: `F8171` App ID: `F3226` App ID: `F4309`
Application Component	`EHS-SUS-SDS` (*Safety Data Sheet Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

8.2.3.7 Trigger Safety Data Sheet Shipments in Earlier Process Steps

Business Details

With this feature, the process for triggering the shipment of safety data sheets (SDS) has been enhanced to support earlier and more flexible integration points.

By default, the safety data sheet shipment is triggered when the post goods issue for a delivery is processed and saved. You can adapt when to trigger the safety data sheet shipment with the Business Add-In (BAdI) `BADI_EHSDS_OR_OUTPUT_REQUIRED`. The BAdI is run every time you save the outbound delivery.

Implementation Details

Configuration

Use the BAdI: Determination if Output of Safety Data Sheet is Required (`BADI_EHSDS_OR_OUTPUT_REQUIRED`) to define when the safety data sheet shipment shall be triggered.

Related Information

- The technical basis for this change is the product compliance logistics document. For more information, see Product Compliance Logistics Document.
- For more information on the BAdI, see BAdI: Determination if Output of Safety Data Sheet is Required.
- For more information about related business processes, see Safety Data Sheet Integration into Other Business Processes.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3VR (Manage Safety Data Sheets for Products) 3VQ (Safety Data Sheets in the Value Chain)
Technical Object Name	App ID: `F4309`
Application Component	`EHS-SDS-SUS` (*Safety Data Sheet Management*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

8.2.3.8 Support Safety Data Sheet Processes in Distributed System Landscapes

Business Details

This feature adds support for safety data sheet processes in distributed system landscapes.

If you are running your logistics and your product compliance processes on different systems, you can now use your safety data sheet processes as usual. The data is synchronized between the systems, and the safety data sheet shipment logic is executed in the product compliance system, regardless of where the logistics process is running.

Related Information

- For more information about related business processes, see Safety Data Sheet Integration into Other Business Processes on the SAP Help Portal.
- The technical basis for this change is the product compliance logistics document. For more information, see Product Compliance Logistics Document and Product Compliance Logistics Document (Version 2) (API) on the SAP Help Portal.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3VR (Manage Safety Data Sheets for Products) 3VQ (Safety Data Sheets in the Value Chain)
Technical Object Name	App ID: `F4309`
Application Component	`EHS-SDS-SUS` (*Safety Data Sheet Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

8.3 Product Lifecycle Management

8.3.1 Product Change Management

8.3.1.1 New Tab: All Objects

Business Details

A new tab *All Objects* is now available in the *Manage Change Records* app. On this tab, you can view all objects that are related to the selected change record.

Depending on the object type, you can display an object, change the processing status and item relevance or verify where it is used. If applicable, you can also start an impact analysis or a digital signature process (not supported for PEO objects). For each object, you can open the *Details* view to see related attachments or comments.

Implementation Details

Customizing

You can control the visibility of all objects in backend Customizing at *Logistics – General* > *Product Lifecycle Management (PLM)* > *Change Records* > *Settings for Change Records* > *Define Change Record Types*. Select *Control Status-Based Tab Visibility* and maintain the required visibility, for example, *Read-Only* for the section *All Objects*.

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
Valid as Of	2025 FPS02

Related Information

Adding Objects to a Change Record

8.3.1.2 Digital Signature Comments Now Visible in Change Management

Business Details

A new icon now indicates when a comment is added during digital signature approval in the Change Management app. Users can choose the icon in the *Log* tab to view the comment or digital signature, improving visibility and traceability.

When a user enters a comment during a digital signature process, the Change Management app displays a speech icon in the *Log* tab. Choosing the icon opens the individual signature window, showing the comment and signature details. This enhancement helps users quickly identify and access approval comments.

Implementation Details

Digital signatures must be assigned to relevant processing statuses for change objects. No additional configuration is required if digital signatures are already enabled. Authorizations for digital signatures remain unchanged. There is no impact on existing data.

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
Valid as Of	2025 FPS02

8.3.1.3 Enhanced Workflow Control with Change Record User Status Actions

Business Details

You can now control workflow execution and lifecycle status directly from the *Change Record* app using new user status actions. These enhancements provide greater flexibility and transparency in managing change processes.

Additional Details

With this update, you can start, restart, or stop workflows and update lifecycle status directly from the *Change Record* app. Restarting failed workflows is possible from the Fiori app without backend intervention. Status changes and workflow actions can be combined in a single step, streamlining processes and reducing manual effort. Users can view and act on workflow status directly in the application.

Implementation Details

Prerequisites

- Implement the following SAP Notes:
  - SAP Note 3716159 3716159
  - SAP Note 3699320 3699320

Customizing

- In Customizing, define user status actions and link them to business object (BO) actions for change records.
- Include the user status actions in a status profile to make them available for use.
- Supported BO actions for change records now include:
  - Start Workflow: START_WORKFLOW
  - Start Workflow + set lifecycle status to *In Process*: START_WF_SET_LC_INPROGRESS
  - Restart Workflow: RESTART_WORKFLOW (button *Restart Workflow* appears in the *Change Record* app if workflow fails in background)
  - Stop Workflow + set lifecycle status to *Complete*: COMPLETE_WF_SET_LC_COMPLETE

Fiori App: New Buttons and Functions

- A new *Restart Workflow* button appears in the *Change Record* app if a workflow fails. Use this button to restart the workflow directly from the UI.
- Additional backend actions are now available and can be triggered through user status changes, enabling:
  - Starting a workflow
  - Starting a workflow and setting lifecycle status to *In Process*
  - Restarting a failed workflow
  - Stopping a workflow and setting lifecycle status to *Complete*

Technical Details

Type	New
Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F2097`
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FP02

Related Information

Customizing for Additional Features

8.3.1.4 New Activity "Send E-mail Notification" for Process Route Workflow

Business Details

You can now use a new activity type, *Send E-mail Notification*, in the change record process route. This activity type helps you inform stakeholders by sending automated email notifications as part of your workflow.

Key Features

Agent Type: Distribution List

Only the new agent type, *Distribution List*, is supported for this activity. It is preselected for your convenience.

- Distribution lists are maintained in transaction `SO23`.
- Only shared distribution lists are supported.
- The Distribution List agent type is exclusive to this activity and cannot be used for other activity types.
- A dedicated value help is available for selecting distribution lists.

Email Templates

You must select an email template for this activity. Two standard templates are available:

- `/PLMI/CR_ITM_NEW_PROD_EML_TMPL`: Use for tasks created in the change record item subworkflow.
- `/PLMI/CR_HDR_NEW_PROD_EML_TMPL`: Intended for header-level notifications, not for item subworkflows.

Each template specifies a CDS view as the data source.

You can create custom templates. To use a custom CDS view, ensure its keys match those of the standard views, or reuse an existing CDS view.

The email will not be sent if you use an item-level template on a header-level task (or the other way around). The workflow will continue as normal, but the background task will log a warning. You can check this log in transaction `SWIA` in the technical details.

Extension Option: BAdI for Email Notification

A new BAdI definition, `/PLMB/EX_PR_SEND_MAIL_NOTIF`, is available in enhancement spot `/PLMB/EX_PR_SEND_MAIL_NOTIF`. You can use this BAdI to extend the standard email notification process:

- Change the recipient list for email notifications.
- Change the email subject.
- Change or add values for placeholders, such as the change record item (`CR_ITEM`) and object URL (`OBJECT_URL`), or introduce your own custom placeholders.

Restriction: You cannot use this BAdI to change placeholders that exist as fields in the email template's CDS view. The system selects values for these fields directly from the CDS view.

Technical Details

Type	New
Localization	not applicable
Scope Item	not applicable
Technical Object Name	`/PLMB/EX_PR_SEND_MAIL_NOTIF`
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

8.3.1.5 Document Structure (DST) Now Supported in Change Record

Business Details

The object type *Document Structure (DST)* is now available as a standard object in the Object Type list. DST is included in system checks for regulatory industry compliance, supporting audit and compliance requirements.

Additional details

You can now update the processing status of document structure items directly in the Change Record application using the existing Change Processing Status button. This action controls subsequent processing

steps and may trigger workflows or enable further actions, such as digital signature. Digital signature is now supported for document structure items. You can sign or cancel status changes, and the system records and displays signature information for audit and compliance purposes.

Implementation Details

No prerequisites or configuration steps are required. DST is available as a standard object type. Digital signature functionality is available for document structure items in the Change Record application.

Technical Details

Type	New
Localization	not applicable
Scope Item	not applicable
Technical Object Name	`/PLMI/CR_ACCESS_DOC_STRUCT_CAT`
App ID	not applicable
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

8.3.1.6 New BAdI for Handling Field Properties

Business Details

A new Business Add-In (BAdI), *CR Items Field Properties Handling*, is now available in the Change Record (CR) process. You use this BAdI to define custom logic that controls the field properties of change record items, such as setting fields to read-only, or required. You can adjust these properties based on your business needs, including the item type and user role.

> ⓘ Note
>
> This BAdI is unavailable for consumption from C1 and C2 APIs.

Additional details

You can use the `SET_ITEM_FIELD_PROPERTIES` method to set field attributes for change record items. You can apply field controls based on both CR header and item data. This is a multiple use filter BAdI. You create a separate implementation for each CR item type you want to control. Use the CR item type as the filter value in your implementation. The standard system does not provide an active implementation.

Supported Change Record Items

Field control is only supported for specific CR item types. For a list of supported items, see the BAdI documentation.

The *All Objects* tab is supported based on your existing CR item implementations. You do not need a separate implementation for All Objects.

Implementation Details

After you activate a new BAdI implementation, new side effect annotations are created dynamically in the `CL_PLMI_CHANGE_RECORD_MPC_EXT` class, which changes the service metadata. Clear the metadata cache for the `PLMI_CHANGE_RECORD_MANAGEMENT` service using transactions `/IWBEP/CACHE_CLEANUP and /IWFND/CACHE_CLEANUP`.

For more information about standard settings, such as filters and usage, see the Enhancement Spot Element Definitions tab in the BAdI Builder (transaction `SE18`). For guidance on implementing BAdIs, refer to the SAP Library for SAP NetWeaver under BAdIs – Embedding in the Enhancement Framework.

Example Implementation: An example implementation is available in class `/PLMI/CL_ITM_FLD_CTRL_EXMPL`

Technical Details

Type	New
Localization	not applicable
Scope Item	not applicable
Technical Object Name	`/PLMI/CR_ITEM_FLD_CTRL`
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

8.3.1.7 Forwarding Dialog Tasks from Process Routes in Manage Change Records

Business Details

You can now forward dialog tasks directly from the Process Routes tab in the Manage Change Records app. This allows you to delegate tasks to other users without switching to the My Inbox app, improving efficiency in task management.

Additional Details

The *Forward* button and *Actions* dropdown are available only if you are authorized to forward tasks, the selected task is a dialog task, and a work item exists. The *Forward* button is disabled if the task is not in status *Work Item Sent* or *Work Item Sent (and overdue)*. After forwarding, the new processor's name appears in the *Processor* column.

Implementation Details

Prerequisites:

- You must have authorization object `S_WF_WI`, workflow activity 25 (change agent) is required for forwarding.
- The selected task must be a dialog task with a work item.

Technical Details

Type	New
Localization	not applicable
Scope Item	not applicable
Technical Object Name	App ID: `F2097`
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Using Process Route Workflows

8.3.1.8 New BAdI for Custom Validation before Save for Change Record Header and Items

Business Details

A new BAdI (**BAdI: Validation before Save for Change Record Header and Items**) is available for implementing custom validation logic on Change Record header and item data before the business object

is saved. You can use it to enforce business rules that aren't covered by standard validation. The BAdI supports multiple-use implementations and filters on object reference type, giving you targeted control over which validations apply.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	BAdI Definition:
	`/PLMI/CR_DRAFT_VALIDATION_EXT`
	Enhancement Spot:
	`/PLMI/ES_CR_DRAFT_PROCESS_EXT`
	Interface:
	`/PLMI/IF_EX_CR_DRAFT_PROC_VAL`

Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

8.3.1.9 New BAdI for Skipping the Existence Check for CR Items

Business Details

A new Business Add-In (BAdI), *BAdI: Skip Existence Check for CR Items*(`/PLMI/CR_ITEM_SKIP_EXIST_CHECK`) , is available in the Change Record (CR) process. You use this BAdI to suppress the existence check validation for CR items with relevance CREATE. It lets you control whether the system triggers the existence check for a specific CR item type.

Use this BAdI when you create CR items for objects that do not yet exist in the system at the time of CR item creation. You implement the BAdI to skip the existence check so that the system accepts the CR item without validating the referenced object.

Additional Details

The system calls this BAdI in the Draft BO validation class `CL_PLMI_CR_V_CHECK_OBJREF` and the API validation class `CL_PLMI_CR_VALIDATION` . The BAdI determines whether the existence check runs or is skipped for the given CR item.

This is a multiple-use filter BAdI. The filter parameter is `OBJECT_TYPE` , which represents the non-PEO CR item type. You set the filter value to the CR item type for which you want to skip the existence check, for example `MAT` , `BOM` , or `BIT` .

The following parameters are supported:

- Importing: `IS_REF_ITEM` — CR item data structure
- Changing: `CV_SKIP_EXISTENCE_CHECK` — controls whether the existence check is skipped

You create a separate implementation for each CR item type for which you want to skip the existence check. The standard system provides no active implementation.

Supported CR Item Types

The following non-PEO CR item types are supported:

- `BIT` (BOM Item)
- `BOM` (Bill of Material)
- `CHR` (Characteristics)
- `CLS` (Class)
- `CPP` (Rough-Cut Planning Profile)
- `DOC` (Document)
- `DST` (Document Structure)
- `EQB` (Equipment BOM)
- `ETL` (Equipment Task List)
- `FBM` (Functional Location BOM)
- `FTL` (Functional Location)
- `INP` (Inspection Plan)
- `LBL` (Label)
- `MAT` (Material)
- `MRC` (Master Recipe)
- `MTL` (Maintenance Task List)
- `OBM` (Sales Order Bill of Material)
- `PRG` (Production Routing)
- `PSV` (Product Structure Variant)
- `RCP` (Recipe)
- `ROS` (Reference Operation Set)
- `RRO` (Rate Routing)
- `RRT` (Reference Rate Routing)
- `SBM` (Standard BOM)
- `SPC` (Specification)
- `VBM` (Variant BOM)
- `WBM` (WBS BOM)

> **Note**
>
> This feature is available as of:
>
> - SAP S/4HANA Cloud Private Edition 2025 and 2025 FPS02

Implementation Details

For more information about standard settings such as filters and usage, see the Enhancement Spot Element Definitions tab in the BAdI Builder (transaction `SE18`). For guidance on implementing BAdIs, see the SAP Library for SAP NetWeaver under BAdIs – Embedding in the Enhancement Framework.

Technical Details

Type	New
Functional Localization	All Countries/Regions
Scope Item	Not applicable
Technical Object Name	BAdI Definition: `/PLMI/CR_ITEM_SKIP_EXIST_CHECK` Enhancement Spot: `/PLMI/CR_ITEM_SKIP_EXIST_CHECK` Interface: `/PLMI/IF_EX_CR_ITM_EXIST_CHECK`
Application Component	`PLM-CR` (Change Record)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

8.3.1.10 Changing the Item Relevance for Multiple Items in Manage Change Records

Business Details

You can now change the item relevance for several items at the same time in a change record. The new *Change Item Relevance* action lets you update the relevance for multiple items in one step. The action works within an individual reference object section and across mixed reference object types in the *All Objects* tab. This streamlines bulk relevance updates instead of changing items one at a time.

Additional Details

The *Change Item Relevance* button is available in the item section of each reference object and in the *All Objects* tab. The button stays disabled until you select at least one item, and stays unavailable in activation mode.

At a reference object section, the dropdown lists the relevances valid for that reference object. In the *All Objects* tab, the dropdown lists the union of relevances valid for the selected reference object types.

The system applies the selected relevance only to items that meet all three conditions:

- The relevance is valid for the reference object type.
- The item is editable.
- The current relevance differs from the chosen one.

Other items keep their previous relevance. After execution, a message reports the number of items processed successfully and the number skipped, together with a generic reason.

The function covers all reference objects except those used by Production Engineering and Operations (PEO).

Implementation Details

Prerequisites:

- The change record is in draft mode.
- The items you want to change are editable. The system skips items locked by the digital signature status or other non-editable settings.

Technical Details

Type	New
Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F2097`
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

8.3.1.11 Creating a Bill of Material Directly from a Change Record

Business Details

From a material BOM item in a change record, you now launch the *Manage Bill of Material* app directly in create mode using the new *Create* button. The selected item's key data — material, plant, BOM usage, BOM category, BOM variant, and change number — is passed through and pre-filled in the BOM creation draft. This removes manual re-entry and keeps the change record and the new BOM aligned from the start.

Additional Details

The *Create* button is available in the *Material BOM* section and on the *All Objects* tab of the *Manage Change Records* app. The button stays disabled until you select a material BOM record. After you choose *Create*, the *Manage Bill of Material* app opens with a creation draft populated from the selected item.

If the selected item also has a BOM version, the system redirects you to the *Create Version BOM* sequence instead.

Implementation Details

Implement SAP Note 3699246 (*Navigate to Maintain Bill of material app - F1813 in CREATE MODE*) in your system. Without this note, the *Manage Bill of Material* app ignores the create-mode parameter and opens its standard entry view instead of a creation draft.

Technical Details

Type	New
Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F2097`
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

8.3.1.12 Change Record: Update Additional Fields of Change Record Items via the API

Business Details

You can now update UI-editable SAP-provided fields of change record items via the C1 and C2 Change Record APIs, including custom fields for certain item types such as MAT, BOM, DOC, PRG, and MTL. Previously, only the Relevance and Item Processing Status fields were updatable.

Additional Details

The change covers 25 non-PEO item types:

- BOM Item (BIT), Bill of Material (BOM), Characteristic (CHR), Class (CLS), Rough-Cut Planning Profile (CPP), Document (DOC), Equipment BOM (EQB), Equipment Task List (ETL), Functional Location BOM (FBM), Functional Location (FTL), Inspection Plan (INP), Label (LBL), Material (MAT), Master Recipe (MRC), Maintenance Task List (MTL), Production Routing (PRG), Product Structure Variant (PSV), Recipe (RCP), Reference Operation Set (ROS), Rate Routing (RRO), Reference Rate Routing (RRT), Standard BOM (SBM), Specification (SPC), Variant BOM (VBM), WBS BOM (WBM).

The following limitations apply:

- The API blocks updates when the change record is closed.
- The digital signature workflow is not supported via the API.
- The Read Only and Hidden configuration for items is not enforced by the API.
- The Advanced Field Control BAdI for headers and items is not enforced by the API.

This change is delivered via SAP Note 3759096. The C2 API is published on the SAP Business Accelerator Hub as `OP_API_CHANGE_RECORD_0001`.

Technical Details

Type	Changed
Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`OP_API_CHANGE_RECORD_0001`
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

8.3.1.13 Change Record: Use Custom Fields on Change Record Items via the API

Business Details

You can now use custom fields on change record reference items via the C1 and C2 Change Record APIs. Custom fields added through the Custom Fields application flow through create and update operations for five reference item types.

Additional Details

The change covers five reference item types:

- Material (MAT)
- Bill of Material (BOM)
- Document (DOC)
- Production Routing (PRG)
- Maintenance Task List (MTL)

This change is delivered via SAP Note 3757722.

Implementation Details

Prerequisites:

- Implement SAP Note 3759096 (Enable updating item fields in a CR using C1 and C2 APIs) before this note.
- Add custom fields to the affected item types via the Custom Fields application before you use them in API calls.

Technical Details

Type	Changed
Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	C1 API: `I_CHANGERECORDTP_3` / C2 API: `OP_API_CHANGE_RECORD_0001`
Application Component	`PLM-CR` (*Change Record*)
Availability	SAP S/4HANA Cloud Private Edition

9 Sales

9.1 Order and Contract Management

9.1.1 Price Management

9.1.1.1 Enhanced Filtering in Manage Prices – Sales

Business Details

With the *Manage Prices - Sales* app, you can now filter condition records based on whether they have pricing scales. If you don't specify this filter, the app displays all condition records matching your search criteria, regardless of whether they have pricing scales. The list of condition records also includes the pricing scale indicator, letting you know at a glance if a condition record has pricing scales. This saves you the effort of having to navigate to the condition record details to find out.

Technical Details

Type	New
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 FPS02

Related Information

Manage Prices - Sales

9.1.1.2 Enhanced Sorting in Manage Prices – Sales

Business Details

The *Manage Prices – Sales* app now allows you to sort condition records by customer name and material description. This streamlines data organization. This feature enhances efficiency by simplifying the management of condition records.

Technical Details

Type	New
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 FPS02

Related Information

Manage Prices - Sales

9.1.1.3 Enhanced Approval Requests in the Manage Prices – Sales App

Business Details

In the *Manage Prices – Sales* app, when you create condition records through spreadsheet import, an additional field is now available for entering the approval request description. You can provide a description while uploading the spreadsheet. This ensures that approval requests include all necessary information for approvers.

Technical Details

Type	New
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 FPS02

Related Information

Manage Prices - Sales

9.1.1.4 Pricing with Graduated Scales

Business Details

You can now use graduated scales for group conditions. To use graduated scales, you specify the scale type for graduated scales for the condition types in the configuration activity *Set Condition Types for Pricing in Sales*. SAP provides a standard condition type for graduated scales: `PR02` (*Graduated Price*). You can copy the standard condition type and adapt it according to your business requirements.

Implementation Details

Customizing

To use graduated scales for group conditions, configuration experts must perform the following steps:

1. In configuration activity *Set Condition Types for Pricing in Sales*, set the scale type to **B** for your condition type.
2. In configuration activity *Set Pricing Procedures*, locate the pricing procedure step to which your condition type is assigned. Assign *28* as the routine for alternative calculation of condition amount (*Alt. Calc. Cndn Amount*).

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 FPS02

Related Information

Pricing with Graduated Scales

9.1.1.5 Enhanced Approval Process in the Manage Prices – Sales App

Business Details

The *Manage Prices – Sales* app now lets you monitor the approval process for condition records. When a condition record requires approval, you can view its approval details directly within the condition record, track real-time progress, and see assigned approvers and their comments in each approval step. Additionally, you have the option to see how the approval workflow is defined, ensuring clarity and transparency throughout the process.

Implementation Details

Authorizations

To access the *Manage Prices - Sales* app, your business users must have the `SAP_SD_BC_PRICE_MANAGE_MC` (*Master Data - Prices*) business catalog assigned. The business role template `SAP_BR_PRICING_SPECIALIST` (*Pricing Specialist*) contains this business catalog by default.

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 FPS02

Related Information

Manage Prices - Sales
Approval Workflows for Prices in Sales

9.1.1.6 OData API: Condition Record for Pricing in Sales

Business Details

The *Condition Record for Pricing in Sales* API now includes fashion-specific parameters.

The following fashion-specific parameters have been added:

Property	Description	Necessity
`ProductSeasonYear`	Season year for a product	Optional
`ProductSeason`	Season for a product	Optional
`ProductCollection`	Collection for a product	Optional
`ProductTheme`	Theme for a product	Optional
`ProductCharacteristic1`	First characteristic value of a product	Optional

Property	Description	Necessity
`ProductCharacteristic2`	Second characteristic value of a product	Optional
`ProductCharacteristic3`	Third characteristic value of a product	Optional
`CrossPlantConfigurableProduct`	Generic article - Cross plant configurable product	Optional
`ValueAddedServiceChargeCode`	Charge Code indicates additional surcharge to a customer or a vendor for the requested Value Added Service	Optional

Implementation Details

Authorizations

To use the fashion-specific parameters, you must activate the `ISR_RETAILSYSTEM` business function. For more information on the business function and other capabilities, see Retail.

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 FPS02

Related Information

Condition Record Validity

9.1.1.7 Manage Prices - Sales: Fashion-Specific Fields Added

Business Details

The *Manage Prices - Sales* app now supports fashion-specific fields when you create and change condition records. These fields include *VAS Charge Code*, *Product Season Year*, *Product Season*, *Product Collection*, *Product Theme*, *Product Characteristic 1*, *Product Characteristic 2*, *Product Characteristic 3*, and *Cross Plant Configurable Product*. You can also use these fields to search for condition records. This enhancement gives you more flexibility when managing pricing data.

Implementation Details

Authorizations

To use the fashion-specific parameters, you must activate the `ISR_RETAILSYSTEM` business function. For more information on the business function and other capabilities, see Retail.

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 FPS02

Related Information

Manage Prices - Sales

9.1.2 Sales Contract Management

9.1.2.1 Global Trade Management

9.1.2.1.1 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_TrdgDocPurpose`	Purpose of Trading Document	This view provides supported values for `TrdgDocPurpose`.
`I_TrdgDocSrceDocType`	Source Document Type of Trading Document	This view provides supported values for `TrdgDocSrceDocType`.
`I_TrdgDocBusinessProcessCat`	Business Process Category of Trading Document	This view provides supported values for `TrdgDocBusinessProcessCat`.
`I_TrdgDocVarContrSettlmt`	Contract Settlement Variant for Trading Document	This view provides supported values for `TrdgDocVarContrSettlmt`.
`I_TrdgDocSuccssrArchived`	Successor Archived in Trading Document	This view provides a supported value for `TrdgDocSuccssrArchived`.
`I_TrdgDocLastChgdCat`	Last Changed Category in Trading Document	This view provides supported values for `TrdgDocLastChgdCat`.
`I_TrdgDocHasCnsldtdItem`	Trading Document Has Consolidated Item	This view provides supported values for `TrdgDocHasCnsldtdItem`.
`I_TrdgDocProcgStatus`	Processing Status of Follow-on Document	This view provides supported values for `TrdgDocProcgStatus`.
`I_TrdgProcessVariantType`	Variant Type of Trading Process	This view provides supported values for `TrdgProcessVariantType`.
`I_TrdgDocPricingType`	Type of Pricing Procedure	This view provides supported values for `TrdgDocPricingType`.

Technical Name	Description	Purpose
`I_TrdgDocPurgDelivAddrCat`	Purchasing Sided Delivery Address Category	This view provides supported values for `TrdgDocPurgDelivAddrCat`.
`I_TrdgDocPurgDocCat`	Purchasing Sided Document Category of Trading Document	This view provides supported values for `TrdgDocPurgDocCat`.
`I_TrdgPrecontr`	Precontract	This CDS view contains information about precontracts and their associated header entities.
`I_TrdgPrecontrItem`	Precontract Item	This CDS view contains information about precontract items and their associated entities.
`I_TrdgPrecontrType`	Precontract Type	This CDS view contains information about the precontract types in the system.
`I_TrdgPrecontrTypeVH`	Precontract Type (Value Help)	This view provides value help for `TrdgPrecontrType`. This view should be used for value help purposes only. If you intend to select the entire business data, use the view `I_TrdgPrecontrType` instead.
`I_TrdgPrecontrPartner`	Partner of Precontract	This CDS view contains information about the business partner data of a precontract on header level.
`I_TrdgPrecontrItemPartner`	Partner of Precontract Item	This CDS view contains information about the business partner data of a precontract on item level.
`I_TrdgPrecontrSlsPrcgElmnt`	Sales Sided Pricing Element of Precontract	This CDS view contains information about the sales sided pricing elements on header level of a precontract.
`I_TrdgPrecontrItmSlsPrcgElmnt`	Sales Sided Pricing Element of Precontract Item	This CDS view contains information about the sales sided pricing elements on item level of a precontract.
`I_TrdgPrecontrPurgPrcgElmnt`	Purchasing Sided Pricing Element of Precontract	This CDS view contains information about the purchasing sided pricing elements on header level of a precontract. The data is split up for the different item groups, in which the items are contained.

Technical Name	Description	Purpose
I_TrdgPrecontrItmPurgPrcgElmnt	Purchasing Sided Pricing Element of Precontract Item	This CDS view contains information about the pricing elements on the purchasing side on item level of a precontract.
I_TrdgPrecontrSubsqntContract	Subsequent Contract of Precontract	This CDS view contains information about subsequent contracts that were created based on a precontract.

Implementation Details

Authorizations

Depending on the CDS view, you must have the following authorization objects assigned.

Technical Name	Description	Authorization Objects
I_TrdgPrecontrType	Precontract Type	• W_WBHK_TCT (Trading Contract: Authorization for Trading Contract Type)
I_TrdgPrecontrTypeVH	Precontract Type (Value Help)	
I_TrdgPrecontr	Precontract	• 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)
I_TrdgPrecontrItem	Precontract Item	
I_TrdgPrecontrPartner	Partner of Precontract	
I_TrdgPrecontrItemPartner	Partner of Precontract Item	
I_TrdgPrecontrSlsPrcgElmnt	Sales Sided Pricing Element of Precontract	
I_TrdgPrecontrItmSlsPrcgElmnt	Sales Sided Pricing Element of Precontract Item	
I_TrdgPrecontrPurgPrcgElmnt	Purchasing Sided Pricing Element of Precontract	
I_TrdgPrecontrItmPurgPrcgElmnt	Purchasing Sided Pricing Element of Precontract Item	
I_TrdgPrecontrSubsqntContract	Subsequent Contract of Precontract	
I_TrdgDocPurpose	Purpose of Trading Document	Users who want to use this CDS view don't need any special authorization.
I_TrdgDocSrceDocType	Source Document Type of Trading Document	
I_TrdgDocBusinessProcessCat	Business Process Category of Trading Document	
I_TrdgDocVarContrSettlmt	Contract Settlement Variant for Trading Document	

Technical Name	Description	Authorization Objects
I_TrdgDocSuccssrArchived	Successor Archived in Trading Document	
I_TrdgDocLastChgdCat	Last Changed Category in Trading Document	
I_TrdgDocHasCnsldtdItem	Trading Document Has Consolidated Item	
I_TrdgDocProcgStatus	Processing Status of Follow-on Document	
I_TrdgProcessVariantType	Variant Type of Trading Process	
I_TrdgDocHasCnsldtdItem	Type of Pricing Procedure	
I_TrdgDocPurgDelivAddrCat	Purchasing Sided Delivery Address Category	
I_TrdgDocPurgDocCat	Purchasing Sided Document Category of Trading Document	

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	CDS Views:
	`I_TrdgDocPurpose`
	`I_TrdgDocSrceDocType`
	`I_TrdgDocBusinessProcessCat`
	`I_TrdgDocVarContrSettlmt`
	`I_TrdgDocSuccssrArchived`
	`I_TrdgDocLastChgdCat`
	`I_TrdgDocHasCnsldtdItem`
	`I_TrdgDocProcgStatus`
	`I_TrdgProcessVariantType`
	`I_TrdgDocHasCnsldtdItem`
	`I_TrdgDocPurgDelivAddrCat`
	`I_TrdgDocPurgDocCat`
	`I_TrdgPrecontr`
	`I_TrdgPrecontrItem`
	`I_TrdgPrecontrType`
	`I_TrdgPrecontrTypeVH`
	`I_TrdgPrecontrPartner`
	`I_TrdgPrecontrItemPartner`
	`I_TrdgPrecontrSlsPrcgElmnt`
	`I_TrdgPrecontrItmSlsPrcgElmnt`
	`I_TrdgPrecontrPurgPrcgElmnt`
	`I_TrdgPrecontrItmPurgPrcgElmnt`
	`I_TrdgPrecontrSubsqntContract`

Application Component	`LO-GT` (*Global Trade*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

CDS Views for Sales
Virtual Data Model and CDS Views in SAP S/4HANA
View Browser

9.1.2.1.2 Manage Precontracts

With this app you can search for precontracts according to your filter criteria and display them in a list. Once you have created the list, you can navigate to related applications, for example, to display contract details.

> **Note**
>
> The **Manage Precontracts** app is available as of the release SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2025.

Additional Details

As a key user, you can extend the **Manage Precontracts** app according to your business needs.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: `F9331`
Application Component	`LO-GT` (*Global Trade*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Precontracts
App Extensibility: Manage Precontracts (Key User)

9.1.3 Sales Order Management and Processing

9.1.3.1 New Field Available: Partner Profit Center for Sales Order Item

Business Details

A new field *Partner Profit Center* is available at sales order item level on the *Order Data* tab. The field represents the profit center of the affiliated company in intercompany business scenarios and serves as a reporting reference.

In intercompany scenarios, the value can be transferred through an inbound IDoc during sales order creation. This transfer is not supported automatically. To enable automatic transfer, you can enhance the outbound IDoc (for example, by implementing a BAdI `MM_EDI_ORDERS_OUT`) to include the partner profit center.

The value can be entered or changed when sales orders are created manually.

The field remains editable while the sales order item is being processed. After a subsequent delivery or invoice has been created for the sales order item, the field becomes read-only. The *Partner Profit Center* is independent of standard Controlling (CO) account assignment.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`SD-SLS` (*Sales*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Sales Order

9.1.3.2 Create Sales Orders - AI-Assisted Extraction

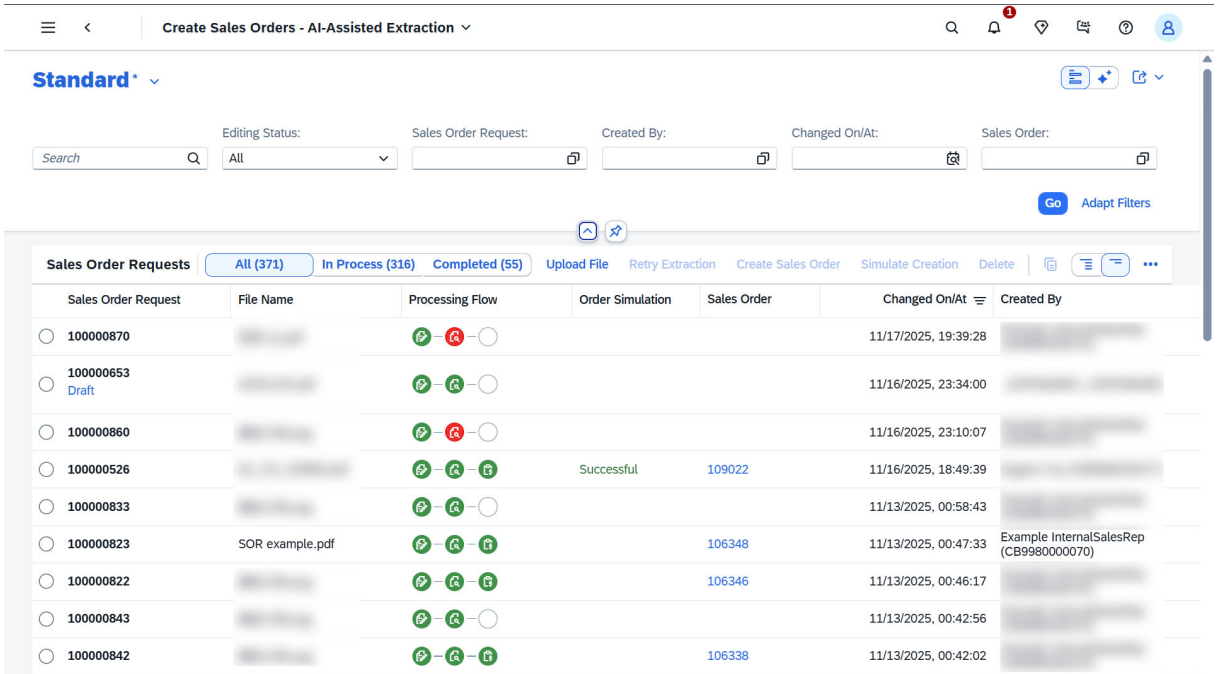
Business Details

With this app, you as an internal sales representative can create sales orders from purchase order files (for example, PDF files). After a file is uploaded, the system automatically extracts file information into a sales order request and proposes values for sales order request fields (for example, by determining the sold-to party based on extracted data). You can later convert the sales order request into a sales order.

This app leverages the Embedded Edition of SAP Document AI for data extraction. For more information, see Service Plans and Metering and SAP Document AI.

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

Before using this app, ensure that the following prerequisites are met:

1. The integration of SAP Document AI is set up. Please consult your SAP account executive for more information.

2. The *Extraction of Purchase Order* (`SALES_ORDER_REQUEST_EXTRACTION`) schema is activated in the *Manage Document AI Schema Registration Subscriptions* app (F8996). For more information, see PURCHASE_ORDER_EXTENDED_STANDARD .

   > **Note**
   >
   > The schema must be activated in each tenant where you want to use the *Create Sales Orders - AI-Assisted Extraction* app. To know which system client you are working in, click on your user on the SAP Fiori launchpad, choose *About* > *System*, and check the system name field.

> **Note**
>
> To access this generative AI feature within SAP S/4HANA Cloud Private Edition, an additional entitlement and authorization may be required. Please consult your SAP account executive for more information.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8947`
Application Component	`SD-SLS-IMP-DOX` (*Sales Document Creation Based on Unstructured Data*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Create Sales Orders - AI-Assisted Extraction
App Extensibility: Create Sales Orders - AI-Assisted Extraction
What Is SAP Document AI?

9.1.3.3 OData API: Sales Order (A2X, OData V4)

Business Details

The *Sales Order (A2X, OData V4)* API now includes additional properties.

The following properties are now available:

Property	Description	Entity	Necessity
`CorrespncExternalReference`	External reference number or code used in correspondence	`SalesOrder` (sales order header)	Optional
`CorrespncExtRefByShipToParty`	External reference number or code for the end customer		
`SlsContrAutoAssgmtIDForSlsOrd`	ID of the sales contract that you want to assign to your sales order. For more information, see Automatic Assignment of Sales Contracts to Sales Orders.		
`CorrespncExternalReference`	External reference number or code used in correspondence	`SalesOrderItem` (sales order item)	Optional
`CorrespncExtRefByShipToParty`	External reference number or code for the end customer		Optional
`PurchaseOrderByShipToParty`	Number used by the end customer for unique identification of the purchasing document (for example, an inquiry or a purchase).		Optional
`SlsContrAutoAssgmtIDForSlsOrd`	ID of the sales contract that you want to assign to your sales order item. For more information, see Automatic Assignment of Sales Contracts to Sales Orders.		Optional
`UnderlyingPurchaseOrderItem`	The item number (from a purchase order, for example) that the customer uses to uniquely identify the item.		Optional

Property	Description	Entity	Necessity
`UndrlgPurOrdItmByShipToParty`	The item number provided by the customer (for example, in a purchase order), that uniquely identifies the item.		Optional
`BusinessSolutionOrderItem`	Uniquely identifies the solution order item from which the system generates a sales order item		Read-only
`BusSolnOrdItemBundleItem`	ID that uniquely identifies the solution order bundle item from which the system generates a sales order item.		Read-only
`CndnRoundingOffDiffAmount`	The value, resulting from pricing, for a particular condition, total, or subtotal in a document.	`SalesOrderItemPricingElement` (sales order item pricing element)	Read-only
`ConditionClass`	Preliminary structuring of condition types, for example, in surcharges and discounts or prices.		
`ConditionControl`	Indicates whether the prices or values in a condition are fixed or whether and in what way they changed.		
`ConditionInactiveReason`	Indicates if the condition is active		
`ConditionIsForStatistics`	Indicates whether a surcharge or discount is to be set in the business document statistically (that is, without altering the value).		
`ConditionIsManuallyChanged`	If this flag is set, the condition has been manually or automatically changed or created (by entry in the condition screen).		

Property	Description	Entity	Necessity
`ConditionOrigin`	Indicates where the condition originated, for example, whether you entered the condition manually or whether the system determined it automatically. Possible values: • A: Automatic Pricing • B:Duplicated from Main Item • C: Manually Entered • D: Header Condition • E: Item Total • F: Condition Supplement • G: Original Header Condition • H: Correction Rebate • I: Cost Correction		
`PriceElementDescription`	Description of the pricing element. A pricing element can be a price condition (when a condition type is specified) or a subtotal of various price conditions (when no condition type is specified).		
`TaxCode`	Represents a tax category that must be considered for tax reporting to the tax authorities.		
`VariantCondition`	Freely definable attribute that determines the valid price components of a configurable material.		

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 FPS02

Related Information

Sales Order Header
Sales Order Item
Item Pricing Element

9.1.3.4 New Field Available: Partner Profit Center for Invoice Item

Business Details

A new field *Partner Profit Center* is now displayed at the invoice item level. The field represents the partner profit center associated with the preceding document item and is available for reference and reporting purposes.

The value shown for the invoice item is the partner profit center of the corresponding sales order item. The field is display-only and cannot be changed during invoice processing.

The *Partner Profit Center* supports enhanced financial transparency by enabling better tracking of internal business relationships and facilitating accurate reporting, reconciliation, and consolidation across profit centers.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`SD-BIL` (*Billing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Sales Billing

9.1.3.5 Enhance the SAP List Viewer (ALV) Document Flow Display for Sales Documents

Business Details

You can use the Business Add-In (BAdI) `BADI_SLS_DOCFLOW_ALV` to enhance the ALV document flow display for sales documents. It allows you to hide fields and change values in the ALV document flow display.

Implementation Details

Customizing

You can access the BAdI `BADI_SLS_DOCFLOW_ALV` in Customizing under *Sales* > *Sales Documents* > *Business Add-Ins (BAdIs)* > *BAdI: Enhancement of ALV Document Flow Display for Sales Documents* >.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

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 FPS02

Related Information

Sales Documents
Business Add-Ins for Processing Sales Documents

9.1.3.6 Enhanced Material Listing and Exclusion

Business Details

With the enhanced material listing and exclusion feature, the system performs listing and exclusion checks during sales document processing. If a material is excluded or isn't part of listing records, the system rejects the sales order item using the configured rejection reason:

- *Listing Rejection Reason*: Used when the material is not listed
- *Exclusion Rejection Reason*: Used when the material is excluded

You can now perform the following:

Enable Listing and Exclusion Checks During Material Substitution

With this enhanced functionality:

- The system performs listing and exclusion checks during material processing and substitution.
- If no valid substitution materials are determined, the main item and subitems run through the listing and exclusion check. Items are rejected if the check fails.
- The rejection reason is determined based on the rejection reason assigned to the sales document type in the Customizing *Assign Rejection Reasons to Sales Document Types for Listing and Exclusion*:
  - Listing rejection reason is used when the material is not listed
  - Exclusion rejection reason is used when the material is excluded

Adjust Message Handling for Supersession Materials

With this enhanced functionality:

- The system issues a warning message instead of an error message
- The system allows the item to proceed to the substitution check

After the substitution check:

- The system rejects the item if:
  - No valid substitution materials are determined, or
  - All determined substitution materials are rejected
- The rejection reason is determined based on the rejection reason assigned to the sales document type in the Customizing *Assign Rejection Reasons to Sales Document Types for Listing and Exclusion*:
  - Listing rejection reason is used when the material is not listed
  - Exclusion rejection reason is used when the material is excluded

> **Note**
>
> This functionality applies to all materials and isn't restricted to specific material categories or processing scenarios, such as ABC, non-ABC, aATP, or non-aATP materials.
>
> Once the functionality is activated for a sales document type and sales organization, the listing and exclusion checks, substitution processing, warning handling, and rejection logic apply consistently to all relevant materials.

Implementation Details

Customizing

You can assign reasons for rejection to sales document types in Customizing under *Sales and Distribution* > *Sales* > *Sales Documents* > *Sales Document Item* > *Assign Rejection Reasons to Sales Document Types for Listing and Exclusion*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`SD-MD-MM-LIS` (*Material Listing/Exclusion*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Material Listing and Exclusion

9.1.3.7 Natural Language Search for Sales

Business Details

Natural language search capabilities for Sales in the SAP Fiori launchpad allow you to enter search queries using natural language. This enhancement simplifies interaction with the system, improves the search experience, and helps you quickly find relevant business objects and information. You can enter your search queries in natural language in the SAP Fiori launchpad search bar to find the information you need.

You can view data for the following business objects, depending on your role and authorizations:

- Billing Document Request
- Billing Document
- Customer Return
- Preliminary Billing Document
- Sales Order
- Sales Quotation

> **Note**
>
> You can refine the search for billing objects by combining multiple filter criteria. For example, show billing document requests with status `Cancelled` and issue type `Pricing`.

Implementation Details

Authorizations

To enable natural language search for business objects, select the *Enable AI Natural Language Search* checkbox in your user profile settings by navigating to *User Profile* > *Settings* > *Search*. Once you select this checkbox, you can view the list of business objects configured for natural language search.

You need to activate the switch `ESH_NLS` for the current user. To do this, execute the report `EHP_SET_RESET_BF`. On the selection screen, enter `ESH_NLS` in the *Switch* field, then select the *Switch ON for current user* option and choose *Execute*. When the execution is successful, the system displays the switch status as *T (On)*, which confirms that the switch is activated for the user.

To be able view data for the following business objects, you must have the following business roles assigned:

- Billing Document Request: `SAP_BR_BILLING_CLERK`
- Billing Document: `SAP_BR_BILLING_CLERK`

- Customer Return: `SAP_BR_RETURNS_REFUND_CLERK`
- Preliminary Billing Document: `SAP_BR_BILLING_CLERK`
- Sales Order: `SAP_BR_INTERNAL_SALES_REP`
- Sales Quotation: `SAP_BR_INTERNAL_SALES_REP`

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`SD-SLS` (*Sales*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Natural Language Search for Sales

9.1.4 Sales Billing

9.1.4.1 Billing Document (OData V4)

Business Details

With this API for billing document, you can create, read, update, and post billing documents to financial accounting by using the *Billing Document* API. 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 Billing Document.

With this API, you can perform operations on *Billing Document* entities. These include the header, header partner, pricing document, header pricing element, pricing document items, item pricing elements, header texts, items, item partners, and item texts. For more information, see Operations for Billing Document.

As a key user, you can extend the OData service *Billing Document* to meet your business needs. For more information, see Extensibility: Billing Document.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1Z6 (External Billing)
Technical Object Name	API: `API_BILLINGDOCUMENT`
Application Component	`SD-BIL` (*Billing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Billing Document

9.1.4.2 Billing Document Request (OData V4)

Business Details

With this API for billing document request, you can create, read, reject, and delete external billing document requests in your system by using the *Billing Document Request* API. 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 Billing Document Request.

With this API, you can perform operations on *Billing Document Request* entities. These include the header, header partner, header texts, items, item partners, and item texts. For more information, see Operations for Billing Document Request.

As a key user, you can extend the OData V4 service *Billing Document Request* to meet your business needs. For more information, see Extensibility: Billing Document Request.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1Z6 (External Billing)
Technical Object Name	API: `API_BillingDocumentRequest`
Application Component	`SD-BIL` (*Billing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Billing Document Request

9.1.5 Claims, Returns, and Refund Management

9.1.5.1 Immediately Scrap for Customer as Logistical Follow-Up Activity

Business Details

A new logistical follow-up activity *Immediately Scrap for Customer* (`0010`) is introduced for customer returns. The returned product is scrapped immediately for customer from returns stock. No stock valuation takes place at any time.

When you select the new logistical follow-up activity in the returns order, the system creates an inspection document and a returns delivery. Subsequently, the goods receipt for the returns delivery is posted automatically, and a goods movement to scrap without valuation is triggered. The returns order item is then completed from a logistical point of view.

The process is not relevant for refunding. While creating the returns order, any input of refunding data that would trigger the automatic creation of a refunding document is rejected with an error message. If necessary, one or more refunding documents can be created manually using transaction **VA01**. This does not have any impact on the refunding status of the returns process.

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 FPS02

Related Information

Logistical Follow-Up Activities

9.1.5.2 No Refund for Customer Returns Involving Supplier Returns

Business Details

With this feature, you can specify that a refund is not required for a customer return when the process includes a related supplier return. In such cases, you can use the refund control *No Refund* together with the logistical follow-up activity *Ship to Supplier* (`0005`) or *Direct Shipment to Supplier* (`0007`) in returns orders. This applies in cases where non-refundable goods are returned to a supplier. For example, use this combination when customers return free samples that are provided by a third-party supplier.

Previously, you were required to give a refund when using the logistical follow-up activity *Ship to Supplier* (`0005`) or *Direct Shipment to Supplier* (`0007`), even if a refund wasn't necessary. Then you had to reject the refund documents to complete the refund status. This could result in many unnecessary refund documents being generated in the system. This feature allows you to make precise refund decisions, ensuring a clean flow of documents for the customer return.

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	BKP (Customer Returns) 1Z3 (Customer Returns with Direct Shipment from Customer to Supplier)
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 FPS02

9.1.5.3 Update in the Manage Customer Returns Version 2 and Manage Credit Memo Request Version 2 apps

Business Details

With this feature, you can preview functionality that displays all determined output types in a list for selection in the *Manage Customer Returns Version 2* and *Manage Credit Memo Request Version 2* app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F4832 App ID: F1989A
Application Component	SD-BF-OC (*Output Determination*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Functional Details: Manage Customer Returns – Version 2
Functional Details: Manage Credit Memo Requests - Version 2

9.1.5.4 Sales Order Without Charge (A2X, OData V4)

Business Details

You can use this *Sales Order Without Charge (A2X, OData V4)* API to create, read, and update sales orders without charge from external systems. In addition, you can delete single entities (such as items) in sales orders without charge. 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 Order Without Charge (A2X, OData V4).

With this API, you can perform operations on *Sales Order Without Charge (A2X, OData V4)* entities. These include the sales order without charge header, header partner, header text, sales order without charge item, item partner, item text, and item schedule line. For more information, see Operations for Sales Order Without Charge (A2X, OData V4).

As a key user, you can extend the OData service *Sales Order Without Charge (A2X, OData V4)* to meet your business needs. For more information, see Extensibility: Sales Order Without Charge (A2X, OData V4).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	BDA (Free of Charge Delivery)
Technical Object Name	API: `API_SALESORDERWITHOUTCHARGE`
Application Component	`SD-SLS-API` (*SD API Interface*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Sales Order Without Charge (A2X, OData V4)

9.1.5.5 Credit Memo Request (A2X, OData V4)

Business Details

You can use this *Credit Memo Request (A2X, OData V4)* API to create, read, and update credit memo requests from external systems. In addition, you can delete single entities (such as items) in credit memo requests. 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 Credit Memo Request (A2X, OData V4).

With this API, you can perform operations on *Credit Memo Request (A2X, OData V4)* entities. These include the credit memo request header, header partners, header pricing elements, header texts, credit memo request items, item partners, item pricing elements, and item texts. For more information, see Operations for Credit Memo Request (A2X, OData V4).

You can also create a credit memo request with reference to a sales document or a billing document with the *Credit Memo Request (A2X, OData V4)* API. For more information, see Create Credit Memo Requests with Reference.

As a key user, you can extend the OData service *Credit Memo Request (A2X, OData V4)* to meet your business needs. For more information, see Extensibility: Credit Memo Request (A2X, OData V4).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1EZ (Credit Memo Processing)
Technical Object Name	API: `API_CreditMemoRequest`
Application Component	`SD-SLS-CMR` (*Credit Memo Request and Debit Memo Request*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS02

Related Information

Credit Memo Request (A2X, OData V4)

9.1.5.6 Debit Memo Request (A2X, OData V4)

Business Details

You can use this *Debit Memo Request (A2X, OData V4)* API to create, read, and update debit memo requests from external systems. In addition, you can delete single entities (such as items) in debit memo requests. 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 Debit Memo Request (A2X, OData V4).

With this API, you can perform operations on *Debit Memo Request (A2X, OData V4)* entities. These include the debit memo request header, header partners, header pricing elements, header texts, debit memo request items, item partners, item pricing elements, and item texts. For more information, see Operations for Debit Memo Request (A2X, OData V4).

You can also create a debit memo request with reference to a sales document or a billing document with the *Debit Memo Request (A2X, OData V4)* API. For more information, see Create Debit Memo Requests with Reference.

As a key user, you can extend the OData service *Debit Memo Request (A2X, OData V4)* to meet your business needs. For more information, see Extensibility: Debit Memo Request (A2X, OData V4).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1F1 (Debit Memo Processing)
Technical Object Name	API: `API_DebitMemoRequest`

Application Component	`SD-SLS-CMR` (*Credit Memo Request and Debit Memo Request*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Debit Memo Request (A2X, OData V4)

9.1.5.7 Import Credit Memo Request

Business Details

With this app, you as an internal sales representative can create credit memo requests from spreadsheets. We recommend that you download a standard template before an import. This template provides a list of fields that are either required or optional for importing credit memo requests.

You can access the *Import Credit Memo Requests* app from the credit memo request card in the *Import Sales Documents* app. For easier furture access, we recommend that you save the *Import Credit Memo Requests* app as a tile after opening it for the first time.

As a key user, you can extend the *Import Credit Memo Requests* app according to your business needs.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1EZ
Technical Object Name	App ID:`F7061`
Application Component	`SD-SLS-IMP-SPR` (*Sales Document Import from Spreadsheet*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Import Credit Memo Requests
App Extensibility: Import Credit Memo Requests

9.1.5.8 Import Debit Memo Request

Business Details

With this app, you as an internal sales representative can create debit memo requests from spreadsheets. We recommend that you download a standard template before an import. This template provides a list of fields that are either required or optional for importing debit memo requests.

As a key user, you can extend the *Import Debit Memo Requests* app according to your business needs.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1F1
Technical Object Name	App ID: `F7062`
Application Component	`SD-SLS-IMP-SPR` (*Sales Document Import from Spreadsheet*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Import Debit Memo Requests
App Extensibility: Import Debit Memo Requests

9.1.6 Special Business Processes in Order and Contract Management

9.1.6.1 Advanced Down Payment Processing

Business Details

Advanced down payment (ADP) processing equips you with a flexible solution for requesting and processing customer down payments, performing down payment settlement against customer invoices, and managing the related business documents. You can run the *Sell from Stock with Down Payment Requests* process. This process offers delivery-related billing of physical goods sales with flexible down payment settlement.

Advanced down payment processing is a collective term that encompasses both the overall functional framework and individual advanced down payment processes. As a supplier, you can run the *Sell from Stock with Down Payment Requests* process when a customer has placed an order for a product (that is, material) that requires physical delivery and one or more down payments.

> **Note**
>
> You can run a single advanced down payment process, *Sell from Stock with Down Payment Requests*. This process is based on the existing *Sell from Stock* process (scope item BD9) but extends it with advanced down payment processing capabilities. The *Sell from Stock with Down Payment Requests* process implements specific mechanisms and rules to help you adhere to the relevant legal requirements in the United States and Germany. For this reason, you can currently only run this process if your system is scoped for one of these countries.
>
> For more information about the this process, see Sell from Stock with Down Payment Requests.

Feature Overview

Advanced down payment (ADP) processing improves upon the previous down payment solution in sales by closing its functional gaps and adding new features. Significant enhancements include the following:

- Delivery-related billing in down payment processes
  Previously, only order-related billing was possible in down payment scenarios. This meant that delivery processing was decoupled from the billing process. ADP processing enables flexible down payment management for logistics-based use cases such as partial delivery, batch processing, and delayed delivery.
- Enhanced down payment settlement logic
  New settlement logic based on the condition technique offers several functional advantages. These include a far more flexible allocation of settlement amounts to invoice items and the automatic elimination of rounding differences within the resulting amounts. Artificial down payment settlement items are no longer required.
- Dedicated down payment register
  In each invoice (or preliminary invoice) relevant for ADP processing, you can use the down payment register to freely allocate and adjust down payment settlement amounts across invoice items originating from the same sales order item. This provides full flexibility during down payment settlement and subsequently offers a highly granular and transparent view of each invoice's down payment settlement history.
- Full transparency and consistency across the involved process steps in sales, delivery management, and financial accounting

A thorough rebuild of the underlying process steps ensures that the sales and financial accounting perspectives stay fully in sync, minimizing the potential for data inconsistencies.

- Automatic resolution mechanism for cases in which the down payment amount exceeds the total invoice amount
  This feature helps you save time and effort that would usually be spent resolving such issues.

For more information, see Advanced Down Payment Processing.

Implementation Details

You can run the *Sell from Stock with Down Payment Requests* process. Currently, this process is localized for the United States and Germany only.

For information about *Sell from Stock with Down Payment Processing*, refer to the SAP Note 3740815.

Customizing

For a description of the changes that are required in your configuration environment to run the *Sell from Stock with Down Payment Requests* process, see Setting Up Advanced Down Payment Processing.

Authorizations

To be able to work in the process-relevant apps, business users must have specific business catalogs assigned to them. The following table lists the required business catalogs according to each task within the process, as well as the business role template that these business catalogs are included in by default:

Task in the Process	Required Business Catalog	Business Role Template Containing Business Catalog
Create and change sales orders containing billing plans (that orchestrate the creation of down payment requests)	*Sales - Sales Order Processing* (SAP_SD_BC_SO_PROC_MC)	*Internal Sales Rep* (SAP_BR_INTERNAL_SALES_REP)
Create and change down payments requests and customer invoices relevant for down payment settlement	*Sales - Billing Documents* (SAP_SD_BC_BIL_DOC_PC)	*Billing Clerk* (SAP_BR_BILLING_CLERK)
Create and change preliminary down payments requests and preliminary customer invoices relevant for down payment settlement	*Sales - Preliminary Billing Documents* (SAP_SD_BC_PRE_BIL_DOC_PC)	
Create and dispatch outbound deliveries	*Logistics Execution - Outbound Deliveries* (SAP_LE_BC_ODLV_PROC_MC)	*Shipping Specialist* (SAP_BR_SHIPPING_SPECIALIST)
Post incoming down payments and invoice settlement in financial accounting	*Accounts Receivable - Incoming Payments* (SAP_FIN_BC_AR_INC_PAY_PC)	*Accounts Receivable Accountant* (SAP_BR_AR_ACCOUNTANT)

For a list of the involved apps, see the process overview table under Sell from Stock with Down Payment Requests.

Effects on Existing Data

The down payment functionality described in the current What's New is functionally and technically distinct from the older Down Payment Processing Using Milestone Billing Plans, which is implemented via scope item BKJ (Sales Order Processing with Customer Down Payment).

When starting a new business transaction involving down payments, you must decide whether the old process with order-related milestone billing or the newer advanced down payment processing with delivery-related billing better fits your business requirements. You cannot combine elements of both within the same business transaction, for example:

- You cannot combine billing plan dates representing the old (billing type FAZ) and new (billing type DPR1) down payment requests within the same billing plan.
- After item category TAN has been enabled for advanced down payment processing, you cannot combine items of this item category with down-payment-relevant items of item category CBAO within the same sales order. The latter represents order-related milestone billing with down payment requests (old solution).
- The down payment register is only available in invoices and preliminary invoices created in the context of advanced down payment processing.

Technical Details

Type	New
Functional Localization	Localized for United States and Germany
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	SD-BIL-IV (*Processing Billing Documents*), SD-BIL-IV-DP (*Down Payments*), SD-BIL-IV-BP (*Billing Plan*), SD-SLS-SO (*Sales Orders*), SD-BF-PR (*Pricing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Advanced Down Payment Processing

9.1.6.2 Financial Chain Redetermination in Multistage Intercompany Sales Orders for the Selling Company

Business Details

If sales order processing in the selling company cannot determine the financial chain ID, the system marks the sales order item as incomplete. In such cases, sales order processing does not trigger Value Chain Monitoring (VCM) when the financial chain ID is missing. Consequently, VCM does not generate any follow-up or successor documents for that sales order item.

To enable reprocessing and financial chain ID update, the transaction code `SD_FINCHAIN_UPD` is provided to redetermine and update the financial chain ID for eligible multistage intercompany sales orders.

The report can be used not only for sales orders with missing financial chain ID, but also for open multistage intercompany sales orders that require financial chain ID redetermination or update.

The report allows users to:

- Identify impacted sales orders using selection criteria
- Redetermine the financial chain ID
- Update the sales order with the corrected financial chain ID
- Trigger the multistage intercompany process automatically after successful update

The report processes the following:

- Open multistage intercompany sales orders
- Sales order items that are not rejected
- Sales order items that are not partially or fully delivered

Once the financial chain ID is updated successfully, the system initiates the multistage intercompany process and generates the required follow-up documents.

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	Changed
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 FPS02

Related Information

Working with Sales Orders

9.1.6.3 Enable Changes on the Partner Tab of Intermediate and Delivering Company Sales Orders

Business Details

With this feature, you can now modify partner information on the *Partner* tab for both intermediate and delivering company sales orders. This includes intermediate and delivering company sales orders in the Multistage Intercompany Sales, Multistage Intercompany Stock Transfer, Advanced Intercompany Sales, and Advanced Intercompany Stock Transfer process.

Previously, these fields were locked and could not be edited after order creation. This enhancement provides greater flexibility in managing partner data throughout the order fulfillment process across multiple company codes.

> ⓘ Note
>
> We recommend using a partner determination procedure that doesn't allow changes to the ship-to party, sold-to party, and goods supplier.
>
> These partners should not be changed because they are defined by the financial chain.

For all other partner roles, including Bill-to Party and Payer, changes are allowed.

The following four buttons are now active in sales orders of intermediate and delivering companies at both header and item levels where changes are possible, depending on the configuration settings:

- Add
- Delete
- Propose Alternatives
- Business Partner Master Data.

> **Note**
>
> Be careful when making changes to the standard SAP partner determination procedure.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7YY 5D2
Technical Object Name	`VA02`
Application Component	`SD-SLS` (*Sales*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

9.1.6.4 Replicate Changes of Tax Departure Country/ Region Field

Business Details

When you change the *Tax Departure Country/Region* field in the intermediate sales order, the system transfers the change to the next document in the VCM chain. This can be the next-level intercompany sales order, the delivering company sales order, or the intercompany purchase order.

Tax Destination Country/Region

In the past, changes to the *Tax Departure Country/Region* field were saved in intermediate company sales order documents. However, these changes weren't copied to next-level documents.

The feature is enabled for the intermediate sales order in Multistage Intercompany Sales.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7YY 5D2
Technical Object Name	`VA02`
Application Component	`SD-SLS` (*Sales*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

9.1.7 Integrating Trade Compliance Checks in SAP Global Trade Services with Credit and Debit Memo Requests

Business Details

This feature enhances the trade compliance checks in Global Trade Services (GTS) for credit memo requests and debit memo requests.

You can now see the statuses of SAP GTS trade compliance checks in these sales documents, including the legal control status, embargo status, and screening status at both header and item level for credit memo requests and debit memo requests. Integration with SAP GTS can help companies improve global trade efficiency, ensure regulatory compliance, and accelerate cross-border supply chain processes.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`SD` (*Sales and Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS02

Related Information

Integration of SAP Global Trade Services with Sales Documents for Compliance Check

9.1.8 Subscription Management

9.1.8.1 Subscription Order Management with SAP EMS (85W)

Business Details

This scope item enables an automated, event-based integration between SAP S/4HANA Subscription Order Management (SOM) and SAP Entitlement Management (EMS). It ensures that subscription contracts and their corresponding entitlements remain synchronized throughout the subscription lifecycle.

When a subscription order containing subscription products is submitted in SOM and a subscription contract is created or changed, relevant business events are triggered automatically. These events are consumed by EMS to create, update, or delete the corresponding entitlements without requiring manual intervention.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	85W(Subscription Order Management with SAP EMS)
Technical Object Name	`Not Applicable`
Application Component	`SV-CLD-PC` (*S4HANA Product Content - PCX org*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

9.1.8.2 Subscription Order Management with SAP Convergent Charging (85V)

Business Details

With this scope item, customers are enabled to establish an integration flow between SAP S/4HANA and SAP Convergent Charging (SAP CC) using SAP Subscription Order Management (SOM) as part of the SAP BRIM landscape.

SAP CC integrates with SAP S/4HANA to support subscription-based order creation using subscription products. These products are assigned rate plan IDs, and price table IDs that are created and maintained in SAP Convergent Charging. This ensures accurate pricing and rating during the subscription lifecycle.

The end-to-end flow ensures that subscription orders, provider contracts, and charge plans are consistently integrated across Subscription Order Management (SOM), Convergent Charging (CC), and FI-CA. The process ensures accurate contract replication, charge calculation, and proper integration for subscription-based services.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	85V(Subscription Order Management with SAP Convergent Charging)
Technical Object Name	`Not applicable`
Application Component	`SV-CLD-PC` (*S4HANA Product Content - PCX org*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

9.2 Solution Business Management

9.2.1 Solution Quotation Management

9.2.1.1 Solution Quotation – In-House Service Integration

Business Details

With this feature, you can use solution quotations as part of the in-house service process. You can create a solution quotation directly from the *Manage In-House Services* and *Manage In-House Service Objects* apps, or start the in-house service process from an existing solution quotation. This enables a seamless end-to-end process for customer repair and maintenance scenarios combined with complex bundled sales offerings.

Solution quotations (transaction type SRVP) can now be used in the in-house service process. You can create a solution quotation from the *Manage In-House Services* and *Manage In-House Service Objects* apps as a follow-up to a service object, or start the in-house service process from an existing solution quotation.

The In-House Service Objects assignment block and the Reference Objects assignment block are now available in the Solution Quotation header view, allowing you to view and assign service objects to quotation items.

The Solution Quotation Progress Monitor (accessible from the *Manage Solution Quotations - Version 2* app) now shows In-House Service as a process flow node, enabling you to track the full repair and service lifecycle from within the solution quotation.

Implementation Details

To enable this integration, carry out the following Customizing activities under *Service* > *Transactions*:

- Map the copying control between Solution Quotation (SRVP) and In-House Service (IHRP) in *Define Copying Control for Transaction Types* (under *Basic Settings* > *Copying Control for Business Transactions*)
- Add the SRVP entry in Specify In-House Service as Follow-Up for Service Quotations and Orders (under Settings for In-House Service)
- Optionally add solution quotation action buttons via Assign Action to SAP Fiori App (under Settings for In-House Service)

> **Note**
>
> The action buttons for creating and adding to solution quotations are not delivered as standard Customizing and require explicit configuration to appear in the UI.

Authorizations

The business catalog SAP_CRM_BC_INHOUSE_REPAIR (Service – In-House Services) has been added to the Solution Business Specialist role (SAP_BR_SOLN_BUSINESS_SPCLST), allowing users with this role to navigate to and display the In-House Service apps from the solution quotation context.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4Q5 (Solution Quotation)

Technical Object Name	App ID:
	`F7671`
	`F7695`
	`F4025`

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 FPS02

Related Information

In-House Service Objects in Service Quotations and Service Orders
Solution Quotation Management
Process Solution Quotations

9.2.1.2 Solution Quotation – Service with Advanced Execution

Business Details

With this feature, you can use Service with Advanced Execution in solution quotations. You can add execution order items to a solution quotation to initiate planning by creating a maintenance order directly from the quotation. After planning is completed, follow-up service orders, confirmations, and billing documents are created, enabling the full resource-related billing process from the quoting stage.

Solution quotations (transaction type SRVP) now support execution order items (item category `MSQ1`), enabling the Service with Advanced Execution process to be initiated from a solution quotation. Previously this was only possible from service quotations.

You can add an execution order item to a solution quotation and trigger planning by selecting Send to Planning in the Execution Order Items view when the item is in Open or In Process status. This creates a maintenance order for detailed planning.

After planning is complete, you navigate back to the solution quotation and accept it to trigger follow-up service order creation. The maintenance order links to the service order. The service order then drives billing

— either a Billing Document Request (Billing on Completion) or a Debit Memo Request (Itemized Billing) depending on the billing relevance set on the item.

The Solution Quotation Progress Monitor (in *Manage Solution Quotations - Version 2*, App ID: F7671) now shows Maintenance Orders as process flow nodes for both the solution quotation → maintenance order and service order → maintenance order flows.

Implementation Details

Customizing

Map the solution quotation header document type (SRVP) and maintenance order type in the IMG under *Service* > *Transactions* > *Settings for Service Transactions* > *Integration* > *Plant Maintenance Integration* > *Map Order Types*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4Q5 (Solution Quotation)
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 FPS02

Related Information

Solution Quotation Management
Service with Advanced Execution in Service Quotation

9.2.1.3 Enhanced Filter Options in Manage Solution Quotations - Version 2

Business Details

With this feature, you can filter solution quotations more effectively in the *Manage Solution Quotations - Version 2* app. Status filters now use consistent ID-based selection and allow only one value at a time. You can search for the creating user by email address, filter by the person responsible using an improved value help, and filter by product ID of the quotation items.

The following filter improvements are available in the *Manage Solution Quotations - Version 2* app:

- Status filters now use the status code field instead of the description field, ensuring consistent behavior with standard SAP Fiori filter patterns. *Acceptance Status*, *Cancellation Status*, and *Error Status* each allow only a single value to be selected at a time, while *Life Cycle Status* allows multiple values to be selected.
- *Created By* — The value help for the *Created By* filter has been enhanced to include the user's email address, making it easier to identify and select the correct user.
- *Employee Responsible* — The *Employee Responsible* filter now uses an improved employee value help (`C_ServiceEmployeeVH`), providing better search and selection capabilities.
- *Product* (new filter) — A new *Product* filter allows you to search for solution quotations that contain items with a specific product. The filter supports the equals operator and is backed by the standard product value help. Note that because a quotation can contain multiple items with different products, this is a virtual filter field.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4Q5 (Solution Quotation)
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 FPS02

Related Information

Manage Solution Quotations - Version 2

9.2.1.4 Enhanced Progress Monitor for Solution Quotations

Business Details

With this feature, the Solution Quotation Progress Monitor shows a more complete view of the follow-up document chain. Sales Contracts and their downstream documents are now visible in the flow. For all item types, you can now also see Cancelled Invoices, Credit Memos, Debit Memos, Credit Memo Requests, and Debit Memo Requests. For subscription items, Reversal Invoicing Documents and Contract Accounting Credit/Debit Memos are also shown.

The Solution Quotation Progress Monitor (accessible from the *Manage Solution Quotations - Version 2* app) has been enhanced with the following new document flow nodes:

- For all item types (Sales, Service, Service Contract, Subscription):
  - Cancelled Invoice — visible after the Invoice node in the flow
  - Credit Memo and Debit Memo — visible as downstream documents after an Invoice
  - Credit Memo Request and Debit Memo Request — visible in the flow before the Credit/Debit Memo where applicable
- For Sales Contract items specifically:
  - Sales Contract — now appears in the flow between the Solution Quotation and the Sales Order (Solution Quotation → Sales Contract → Sales Order → Outbound Delivery → Invoice)
  - The full downstream chain (Cancelled Invoice, Credit/Debit Memo, Credit/Debit Memo Request) is also supported for Sales Contract flows
- For Subscription items specifically:
  - Reversal Invoicing Document — visible after the Invoicing Document node
  - Credit Memo and Debit Memo (via Contract Accounting Billing Request) — visible as downstream billing adjustment documents after an Invoicing Document

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	4Q5 (Solution Quotation)
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 FPS02

Related Information

Manage Solution Quotations - Version 2
Color Depiction of the Nodes in the Progress Monitor

9.2.1.5 Purchase Order Required Indicator in Solution Quotations

Business Details

With this feature, you can indicate whether a customer purchase order number is required for a solution quotation using the new *Purchase Order Required* field in the quotation header. The default value is determined from transaction type Customizing and can be overwritten per quotation. When a solution quotation is accepted and a subscription contract is created, the indicator is copied to the resulting contract.

Implementation Details

Customizing

To configure the default Purchase Order Required behavior for solution quotations, maintain the PO Required attribute for transaction type SRVP in Customizing for Service under *Transactions* > *Basic Settings* > *Define Transaction Types*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4Q5 (Solution Quotation)
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 FPS02

Related Information

Solution Quotation Management

9.2.1.6 OData V4 API for Solution Quotation

Business Details

With this feature, a new OData V4 API for solution quotations is available. Based on the RAP model, this API provides the same core functionality as the existing OData V2 API, and additionally exposes new entities for partner data, addresses, appointments, durations, delivery plans, follow-up sales contracts, in-house repair items, and new actions for accepting quotations, deleting unprocessed items, and executing change processes.

A new OData V4 API — Solution Quotation (V4) — is now available for solution quotation processing. This API is based on the RAP model and the service definition `API_BusinessSolutionQuotation` (service binding: `API_BusinessSolutionQuotation`).

The V4 API is not backward-compatible with the OData V2 API (`API_BUS_SOLUTION_QUOTATION_SRV`). It uses a unified item entity (`A_BusSolnQuotationItem`) instead of separate per-type item entities. At this initial release, the V4 API is not the successor to the V2 API — it does not yet reach full feature parity (AVC RAP BO integration is out of scope for this release).

The V4 API supports the following new entities not available in V2:

- Partner and Partner Address (header and item level)
- Appointment and Item Appointment
- Duration and Item Duration
- Follow-up Sales Contract and Follow-up Sales Contract Item
- Item Delivery Plan
- In-House Repair Item and Item In-House Repair Item (header and item level)
- Reference Object

Three new actions are available:

- Accept — accept a released solution quotation to trigger follow-up document creation
- DeleteUnprocessedItems — delete unprocessed items with a change process group assigned
- ExecuteChangeProcess — trigger the PPF action for executing contract change processes as a background job

> **Note**
>
> The OData V4 API is not compatible with the V2 API. The V4 API does not yet support AVC RAP BO integration (Advanced Variant Configuration for solution bundles). Both APIs remain available in this release.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4Q5 (Solution Quotation)
Technical Object Name	API: `API_BusinessSolutionQuotation`
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 FPS02

Related Information

Solution Quotation (V4)
Solution Quotation (A2X)

9.2.2 Removal of Unusable FLP Content Shipped in Error

Business Details

The FLP content for the following apps was mistakenly shipped with SAP S/4HANA Cloud Private Edition 2022:

- Journal Entries for Solution Order
- Solution Order, Flexible Analysis
- Solution Order Item, Flexible Analysis
- `BusinessSolutionOrder-change`
- `BusinessSolutionOrder-create`
- `BusinessSolutionOrder-display`

This FLP content is not usable and has therefore been deleted.

Technical Details

Type	Deleted
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CRM-S4-SOL-SLO` (*S4CRM: Solution Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

SAP Note 3752356

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 Business Process Flow for Service Contract Header

Business Details

With this feature, you can visualize the end-to-end business document flow for a service contract directly on the service contract overview page. The Business Process Flow shows connected documents such as billing document requests, invoices, credit memo requests, credit memos, and accounting documents in a graphical lane-based view, enabling you to quickly assess the document lifecycle and status of all related business objects in a single view.

Implementation Details

To use this feature, the OData service `CRMS4_SERV_CONTRACT_MANAGE_SRV` must be active in your system and configured with the system alias LOCAL. You can verify this using transaction `/IWFND/MAINT_SERVICE`.

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 FPS02

Related Information

Service Contract Management
Manage Service Contracts
Service Contracts

10.1.1.2 Enhanced Search Fields in Service Contract Fiori Applications

Business Details

You can now search and filter service contracts using additional fields in the Manage Service Contracts, Mass Change of Service Contracts, and Manage Service Contract Templates apps.

Previously, the filter bar in these apps was limited to fields directly available at the header level. With this enhancement, you can also filter by the following criteria:

- Product
- Equipment
- Functional Location
- Contact Person
- WBS Element
- Country/Region
- Region
- Business Completed
- TECO Status Determination
- Situation (available in Manage Service Contracts and Mass Change of Service Contracts only)

This improvement brings the Fiori search experience in line with the CRM search experience and increases usability for Customer Service Managers.

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 FPS02

Related Information

Manage Service Contracts
Mass Change of Service Contracts
Manage Service Contract Templates

10.1.1.3 Enhancements to Mass Change of Service Contracts

Business Details

With this feature, you can apply four new mass change actions, Set Billing Block, Remove Billing Block, Change Billing Block Reason, and Set to Completed, to large volumes of service contracts or service contract items simultaneously. You can also use the new Select All feature to apply any mass change action to all records matching your current filter criteria at once.

The following additional actions are now available at both header and item level in the Mass Change of Service Contracts app:

- Set Billing Block
- Remove Billing Block
- Change Billing Block Reason
- Set to Completed

You can apply these actions to large volumes of service contracts or service contract items using background jobs, consistent with the existing mass change actions such as Update Prices and Change Header Data.

In addition, the app now supports a Select All feature. Previously, each selected record triggered a separate backend request, which could cause performance issues and timeouts when processing large data volumes. With this enhancement, a single request is sent for all records matching the active filter criteria. A live selection counter in the toolbar shows the number of records currently in scope for the mass change action.

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 FPS02

Related Information

Mass Change of Service Contracts
Monitor Mass-Processed Service Transactions

10.1.1.4 Enhanced Data Retrieval for Service Contracts Under Data Protection and Privacy

Business Details

With this feature, the Information Retrieval Framework (IRF) for service contracts has been enhanced to include future price records and document management system (DMS) attachments. This ensures that all personal data associated with a service contract is fully retrieved when processing data subject requests under the General Data Protection Regulation (GDPR) and data protection and privacy requirements.

Previously, the IRF model for service contracts (ILM object CRM_SRCONT) did not traverse future price data stored at service contract item level, or DMS attachments linked to service contracts. As a result, these records were excluded from data subject information reports.

With this enhancement, the following data is now included in IRF model traversal:

- Future prices — future price records at service contract item level are now included in the IRF data collection
- • DMS attachments — attachments linked to service contracts and service contract items stored in the document management system are now retrieved during IRF data collection

There are no changes to the Fiori user interface or to the ILM deletion logic.

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 FPS02

Related Information

Archiving Service Contracts Using CRM_SRCONT

10.1.1.5 Categorization Filter in Service Contract Fiori Applications

Business Details

With this feature, you can filter service contracts by categorization criteria in the *Manage Service Contracts*, *Mass Change of Service Contracts*, and *Manage Service Contract Templates* apps. Searching by a higher-level category returns all service contracts assigned to that category and any subcategories, consistent with the CRM search behavior.

With this enhancement, the Categorization field is now available as a filter criterion in the following apps:

- *Manage Service Contracts*
- *Mass Change of Service Contracts*
- *Manage Service Contract Templates*

When you enter a category in the filter bar, the system returns all service contracts assigned to the selected category and all categories below it in the hierarchy.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	426 (Service Contract Management)
Technical Object Name	App ID: • `F3763` • `F8680` • `F6356`
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 FPS02

Related Information

Manage Service Contracts
Mass Change of Service Contracts
Manage Service Contract Templates

10.1.1.6 Multilevel Categorization in the Service Contract OData V4 API

Business Details

With this feature, you can read, create, and update multilevel category assignments for service contracts and service contract items using the OData V4 Service Contract API (`API_SERVICECONTRACT`). The fields `ServiceDefectSchema` and `ServiceDefectCategory` are now available in the service contract header and item entities.

The following two fields have been added to the service contract header entity (`A_ServiceContract_2`) and the service contract item entity (`A_ServiceContractItem_2`) in the OData V4 Service Contract API:

- `ServiceDefectSchema` — the active categorization scheme assigned to the service contract. This field is read-only.
- `ServiceDefectCategory` — the multilevel category assigned to the service contract header or item. This field supports read, create, and update operations.

When creating or updating a service contract with a category, the system validates the category against the active scheme and derives the relevant catalog attributes automatically.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	426 (Service Contract Management)
Technical Object Name	API: `API_SERVICECONTRACT`
Application Component	`CRM-S4-SRV-CTR` (*Service Contract and Quotation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Service Contract
Service Contract Item

10.1.2 Service and Maintenance Plan

10.1.2.1 Deprecation of Find Maintenance Plans - Service App

Business Details

The *Find Maintenance Plans - Service* app (`F5009`) is deprecated and will be deleted from the SAP Fiori launchpad in an upcoming release. We recommend that you switch to the successor app *Manage Maintenance Plans* (`F5325`) as soon as possible.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	7GA (Recurring Services)

Technical Object Name	App ID: `F5009`
Application Component	`CRM-S4-SRV-MNP` (*Planned Recurring Service*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

10.1.2.2 Deprecation of Find Maintenance Items - Service App

Business Details

The *Find Maintenance Items - Service* app (`F5008`) is deprecated and will be deleted from the SAP Fiori launchpad in an upcoming release. We recommend that you switch to the successor app *Manage Maintenance Items* (`F5356`) as soon as possible.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	7GA (Recurring Services)
Technical Object Name	App ID: `F5008`
Application Component	`CRM-S4-SRV-MNP` (*Planned Recurring Service*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

10.1.2.3 Manage Maintenance Plans App

Business Details

You can now manage call object type *5 - Service Order* maintenance plans in the *Manage Maintenance Plans* app (`F5325`). Previously, this functionality was available only in WebDynpro applications. Also, we have added new filtering options for maintenance plans.

The following enhancements have been done to the *Manage Maintenance Plans* app:

- The call object type *5 - Service Order* maintenance plans are now visible on the list page. You can also filter for plan category *Service Order* to find the relevant maintenance plans faster.
- You can display the call object type *5 - Service Order* maintenance plan details on the object page. Also when pressing the *Edit* button, you are navigated to the *Change Maintenance Plans* application to edit the selected maintenance plan.
- You can create the call object type *5 - Service Order* maintenance plans using the *Create* button (you are navigated to the WebDynpro application *Create Maintenance Plans* (`WDA0281`)).

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7GA (Recurring Services)

Technical Object Name	App ID:
	`F5325`
	`WDA0281`

Application Component	`PM-FIO-PRM-MP` (*Fiori UI for PM Maintenance Plans*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Maintenance Plans

10.1.2.4 Manage Maintenance Items App

Business Details

You can now manage call object type *5 - Service Order* maintenance items in the *Manage Maintenance Items* app (`F5356`). Previously, this functionality was available only in WebDynpro applications. Also, we have added new filtering options for maintenance plans.

The following changes have been done to the *Manage Maintenance Items* app:

- The call object type *5 - Service Order* maintenance items are now visible on the list page. You can also filter for plan category *Service Order* or call object type *5 - Service Order* to find the relevant maintenance items faster.
- You can display the call object type *5 - Service Order* maintenance items details on the object page.

> **Note**
>
> Creation of maintenance item for call object type *5 - Service Order* is not supported.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7GA (Recurring Services)
Technical Object Name	App ID: `F5356`
Application Component	`PM-FIO-PRM-MP` (*Fiori UI for PM Maintenance Plans*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Maintenance Items

10.2 Service Operations & Processes

10.2.1 Service Order Management

10.2.1.1 OData API: Service Confirmation

Business Details

The ODATA V4 API `ServiceConfirmation` (*Service Confirmation*) has been enhanced to now support new entities and properties.

- The *Service Confirmation* API now supports a new field that disables the contract for unplanned items.
- The new child entity `SrvcConfItemToolEquipment` (*Tool Equipment of Service Confirmation Item*) under the entity `ServiceOrderItem` has been introduced to support equipment data for serialized tool products.
- The *Service Confirmation* API has also been enhanced to support the new action *Release for Billing* (`ReleaseForBilling`). This action allows you to release billing-relevant service confirmation items for billing at both header level and item level.

The following table provides an overview of the added entities and properties:

Entity/Property	Description	Further Information
`SrvcContrDetnIsSpprsd`	Indicates that service contract determination is suppressed for a service confirmation unplanned item. Boolean: True or False **Note** When the fields `ReferenceServiceContract` and `ReferenceServiceContractItem` are provided in the request, the Service Contract will always be linked to the unplanned item, regardless of the value of `SrvcContrDetnIsSpprsd`. In other words, the presence of these reference fields overrides the suppression setting.	Service Confirmation Item

Entity/Property	Description	Further Information
`SrvcConfItemToolEquipment`	Allows to enter and read equipment for a serialized tool for a service confirmation item. This field supports the fields `Equipment` and `SerialNumber` of tool items. The `SerialNumber` field is read-only.	Tool Equipment of Service Confirmation Item
`SrvcConfReldForBillingStatus`	Indicates the release-for-billing status at service confirmation header level.	Service Confirmation
`SrvcConfItmReldForBillgStatus`	Indicates the release-for-billing status at service confirmation item level.	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 FPS02

Related Information

Service Confirmation (V4)

Service Confirmation (V4) on SAP Business Accelerator Hub

10.2.1.2 Service Organization Details in Intercompany Service Orders

Business Details

With this feature, you can now enter the details of the service organization of the executing company in the intercompany service order. This allows you to specify the service organization information for either a legacy service organizations or enterprise service organization. As a result, the service order is processed by the intended organizational unit.

Implementation Details

Customizing

Maintain the following Customizing activities under:

Service > *Transactions* > *Settings for Service Transactions* > *Intercompany Billing*

- *Define Settings for Creation of Intercompany Service Orders*: Use this activity to enable intercompany service order creation.
- *Maintain Intercompany Service Organizational Profile* and *Maintain Enterprise Service Organizational Profile*: Use this activities to define the service organization of the executing company.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Intercompany Service Orders

10.2.1.3 OData API: Service Transaction Item Category - Read

Business Details

You can now use this API to provide information about item category customizing used in service transactions. This new API determines the item category based on a combination of the service transaction type, item category, item category usage, and main item category.

Implementation Details

Customizing

Table `CRMV_IT_ASSIGN` contains item category determination based on business transaction type, item category group from material master, item category usage, and item category of main item. It also provides information about the default item category and 23 possible alternative item categories, each contained in a different field. You can access it via *Service* > *Transactions* > *Basic Settings* > *Define Item Category Determination*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	API: `API_SrvcDocItmCatDetermination`
Application Component	`CRM-S4-SRV-SVO-FIO` (*S4CRM: Service Order Fiori-UI*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Service Transaction Item Category - Read
Service Transaction Item Category - Read on SAP Business Accelerator Hub

10.2.1.4 OData API: Service Order

Business Details

The ODATA V4 API `ServiceOrder` (*Service Order*) has been enhanced to now support new entities and properties.

- The *Service Order* API has been enhanced to support the new entity `ResponsibleServiceOrganization` (*Responsible Service Organization*), which refers to a service organization unit.

  > **Note**
  >
  > The field `ResponsibleServiceOrganization` is only relevant when the Enterprise Organization Model has not been enabled in service customizing.

- Additionally, `SrvcOrdPartnerAddress` (*Service Order Partner*), `SrvcOrdItemPartnerAddress` (*Service Order Item Partner*), and `ServiceOrderItem` (*Service Order Item*) entities now support new fields that provide partner's postal address and communication details.
- The new child entity `SrvcOrdItemToolEquipment` (*Tool Equipment of Service Order Item*) under the entity `ServiceOrderItem` has been introduced to support equipment data for serialized tool products.
- The `ServiceOrder` (*Service Order*) and `ServiceOrderItem` (*Service Order Item*) entities have also been enhanced to support the new action *Release for Billing* (`ReleaseForBilling`). This action allows you to release billing-relevant service order items for billing at both header level and item level.

The following table provides an overview of the added entities and properties:

Entity/Property	Description	Further Information
`CountryISOcode`	Refers to country ISO code.	Partner Address of Service Order Partner Address of Service Order Item
`PhoneNumberCountryISOCode`	Refers to country ISO code of phone number.	Partner Address of Service Order Partner Address of Service Order Item
`FaxNumberCountryISOCode`	Refers to country ISO code of fax number.	Partner Address of Service Order Partner Address of Service Order Item
`MobilePhoneCountryISOCode`	Refers to country ISO code of cell phone number.	Partner Address of Service Order Partner Address of Service Order Item
`SrvcOrdItemIsUnplanned`	Indicates that the service order item has status Unplanned. The field is read-only.	Service Order Item

Entity/Property	Description	Further Information
`SrvcOrdItemToolEquipment`	Allows to enter and read equipment for serialized tools for a service order item. This entity supports the fields `ServiceReferenceEquipment` and `SerialNumber` of tool items. The field `SrvcOrdItemToolEquipment` is read-only.	Tool Equipment of Service Order Item
`SrvcOrdReldForBillingStatus`	Indicates the release-for-billing status at service order header level.	Service Order
`SrvcOrdItmReldForBillgStatus`	Indicates the release-for-billing status at service order item level.	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-SVO` (*S4CRM: Service Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Service Order
Service Order Item
Service Order on SAP Business Accelerator Hub

10.2.1.5 SOAP APIs for Service Order

Business Details

The SOAP APIs for service order have been enhanced to support new fields, referring to:

- `ServiceOrganizationUnit` and `SalesOrganizationUnit` on header level
- Sold-to party's external reference number
- Plant and storage location to which the item is assigned
- Billing and billing release statuses on item level
- Equipment for serialized tool items

The following table provides you with an overview of the added fields:

Field	Description	Service
`ResponsibleServiceOrganization`	Refers to `ServiceOrganizationUnit`.	• *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`)

Field	Description	Service
`Plant`	Indicates the plant to which the item is assigned.	• *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`)
`StorageLocation`	Indicates where the item is stored.	• *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`)

Field	Description	Service
`PurchaseOrderByCustomer`	Indicates sold-to party's external reference 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`)
`ResponsibleSalesOrganization`	Refers to `SalesOrganizationUnit`.	• *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`)

Field	Description	Service
`SrvcOrdItmReldForBillgStatus`	Indicates billing release status.	• *Service Order - Confirm Processing (Asynchronous)* (`ServiceOrderConfirmation_Out`) • *Service Order - Notification Processing (Asynchronous)* (`ServiceOrderNotification_Out`) • *Service Order (Bulk) - Confirm Processing (Asynchronous)* (`ServiceOrderBulkConfirmation_Out`)
`ServiceOrderItemBillingStatus`	Indicates billing status.	• *Service Order - Confirm Processing (Asynchronous)* (`ServiceOrderConfirmation_Out`) • *Service Order - Notification Processing (Asynchronous)* (`ServiceOrderNotification_Out`) • *Service Order (Bulk) - Confirm Processing (Asynchronous)* (`ServiceOrderBulkConfirmation_Out`)
`ReferenceToolEquipment`	Allows to enter equipment for serialized service tool items. **Note** The new structure supports the fields `ServiceReferenceEquipment` and `SerialNumber`. Only one equipment ID can be entered in the tool item details. The `SerialNumber` field is read-only and cannot be provided in write requests. It is also only available in outbound interfaces.	• *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`

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 FPS02

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)
Service Order - Create, Change (Asynchronous) on SAP Business Accelerator Hub
Service Order - Confirm Processing (Asynchronous) on SAP Business Accelerator Hub
Service Order - Notification Processing (Asynchronous) on SAP Business Accelerator Hub
Service Order (Bulk) - Create, Change (Asynchronous) on SAP Business Accelerator Hub
Service Order (Bulk) - Confirm Processing (Asynchronous) on SAP Business Accelerator Hub

10.2.1.6 Access Revenue Recognition Details from Service Order Items

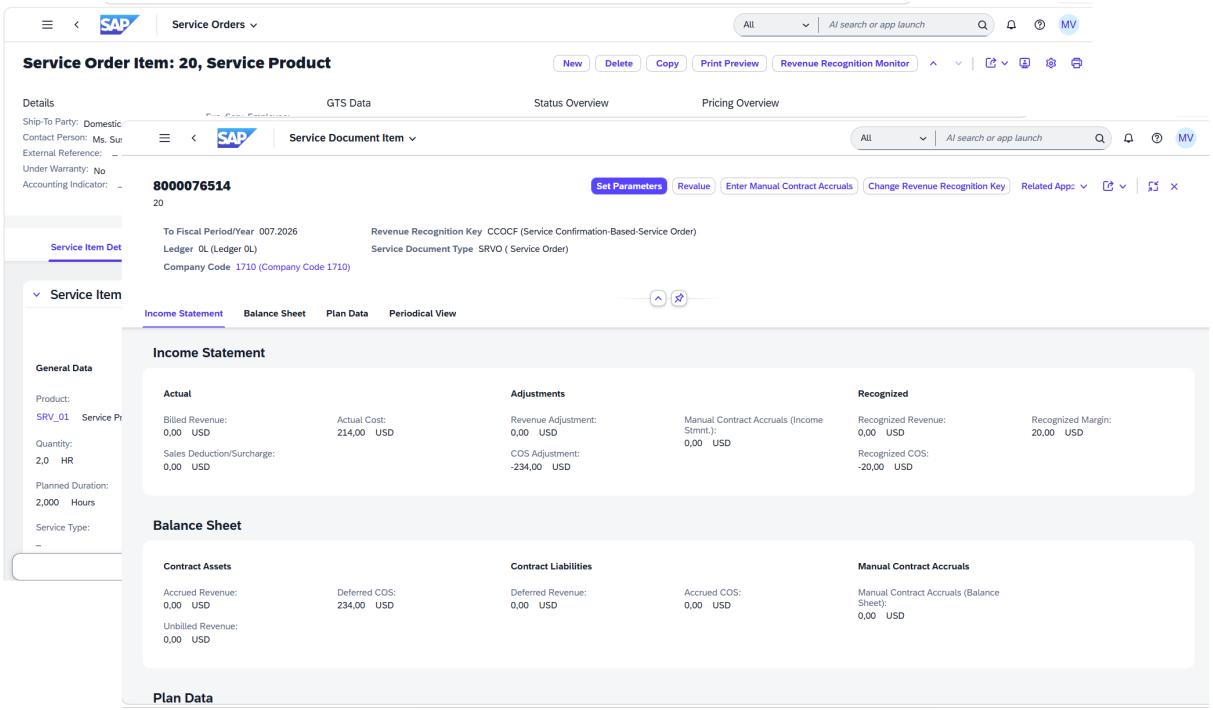
Business Details

With this feature, you can now access revenue recognition details directly from service order items using the *Revenue Recognition Monitor* button. The new button is available for service items, execution order items, service part items, expense items, sales items, and tool items, enabling quick navigation to revenue recognition information for the corresponding items.

> **Note**
>
> The *Revenue Recognition Monitor* button is displayed only for released items with an assigned revenue recognition key and active item-based accounting.

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	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

10.2.1.7 Maintain Main Functional Location and Equipment Information in Item List View

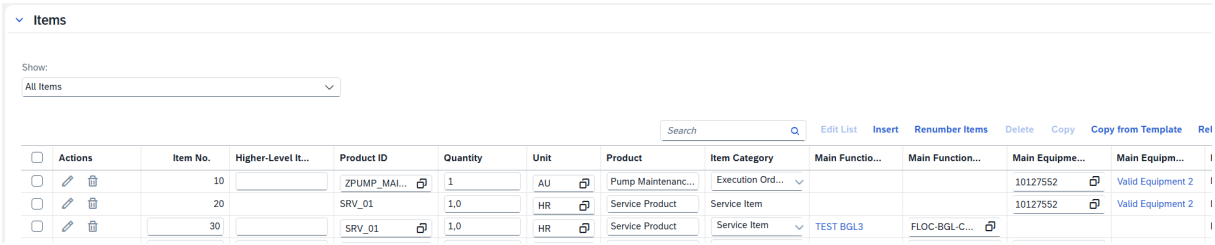
Business Details

You can view and maintain the main functional location ID and main equipment ID directly in the item list view of service orders and service quotations. This reduces the need to open individual items to access or update this information. You can also view the corresponding *Main Functional Location Description* and *Main Equipment Description* fields, which are displayed as read-only.

Changes to the User Interface

> **Note**
>
> The *Main Functional Location Description* and *Main Equipment Description* fields are hidden by default. You can make them visible using the personalization settings.

> **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	41Z (Service Quotation and Order Management)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*) `CRM-S4-SRV-SVQ` (*S4CRM: Service Order Quotation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS02

10.2.1.8 Automatic Update of Planned Costs from Purchase Orders to Service Orders

Business Details

When you create or update a purchase order item involving a follow-up purchase order, the planned cost of the corresponding service order item is updated automatically.

Previously, changes to purchase order pricing were not reflected in the ongoing planned cost of the service order. As a result, you could see outdated planned cost information, which could also affect processes that rely on current ongoing planned costs, such as Percentage of Completion (PoC)-based revenue recognition.

With this enhancement, you can do the following:

- Keep the planned cost of a service order item up to date when you create or update or update a follow-up purchase order item.
- Ensure that planned costs reflect the current net value of the related purchase order.
- See current planned cost information during service order processing.
- Provide up-to-date planned cost values for processes that use the Percentage of Completion (PoC) method.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Service Orders

10.2.1.9 Execution Status Available for Intercompany Service Orders

Business Details

You can now monitor the execution progress of intercompany service orders directly from the corresponding customer-facing service order.

Previously, the execution status was available for SAP Field Service and Asset Management integration and for orders with advanced execution, but not for the intercompany process. Because the corresponding intercompany service order belongs to a different sales area, users typically do not have authorization to view it. As a result, they had limited visibility into its execution progress.

With this enhancement, the execution status of the customer-facing service order is automatically updated based on the status of the related intercompany service order. This allows you to track execution progress without opening the intercompany order.

The following execution statuses are supported:

- Not Available
- Execution Planning
- In Execution
- Execution Done
- Cancelled

The execution status of a service order at header level reflects the executions status of all service order items.

Implementation Details

You can monitor asynchronous execution status updates using the SAP Field Service and Asset Management monitoring scenario `SAP_AIF_0138`. Use transaction `/AIF/ERR` to monitor and troubleshoot inbound status update messages.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Intercompany Service Orders
Execution Statuses of Service Orders

10.2.1.10 Overhead Key Displayed in Financial Attributes

Business Details

You can now use template allocation for service order items and service contract items that use item-based accounting. Template allocation automatically distributes overhead costs to service items based on actual resource consumption, giving you a more accurate view of both planned and actual service delivery costs.

As part of this enablement, the overhead key is now displayed in the *Financial Attributes* assignment block for the affected items.

The overhead key determines which cost allocation template is used during template allocation processing. The system derives the overhead key using the Substitution and Validation (SubVal) framework and re-evaluates it each time the service transaction is modified. Once template allocation postings exist on the service transaction, the overhead key remains unchanged.

The overhead key is displayed in read-only mode. It is available for the following item types:

- Service orders:
  - Service product item
  - Expense item
  - Service part
  - Execution order item
  - Tool item
  - Sales item
- Service contracts:
  - Service contract item

This enhancement is available only for items that use item-based accounting.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Template Allocation in Actual

10.2.1.11 Support of Company-Specific Custom Fields for Service Orders

Business Details

Billing and *Intercompany Details* assignment blocks now support company-specific custom fields from the `Customer_H` and `Customer_I` structures. You can add these fields to the *Billing* tab at header and item level using view configuration. You can also add these fields to the *Intercompany Details* tab at item level in the same way.

> **Note**
>
> By default, fields from the `Customer_H` and `Customer_I` context nodes are hidden. You can make them visible using view configuration, supporting a clean core approach.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Service Orders

10.2.1.12 Support of Execution Status in Service Order Events

Business Details

Service order release events now include execution status information at header level. This applies to the Released, Changed When Released, and Release Revoked events, including when a service order is set back to In process. This enhancement is primarily intended to support optimized data replication in the integration with SAP Field Service and Asset Management.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	Not applicable
Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Service Order Events

10.2.1.13 Managing Order-Based Quotations

Business Details

You can now create and update quotations from the *Manage Service Orders* (`TBT116MSR`) app to provide customers with up-to-date cost estimates. In this scenario, technicians maintain the expected effort as items directly in the service order. These items can then be copied to the **order-based** quotation, which is used to communicate the estimated costs to the customer.

Creating and Updating Order-Based Quotations

You create and update order-based quotations using the *Create/Update Quotation* button:

- When you create an order-based quotation, the system copies the relevant details from the service order to the quotation.
- When you update an order-based quotation, the system copies newly added service order items to the quotation.

Order-Based Quotations in Service with Advanced Execution

You can process execution order items, including resource-related cost (RRCO) items, in order-based quotations.

Implementation Details

Customizing

To create or update order-based quotations, these prerequisites in Customizing for *Service* must be met:

- Ensure that the *Copying Control for Business Transactions* Customizing activity is set up in a way that service quotations can be created as follow-ups to service orders.
- Activate the *Order-Based Quotation* scenario in the *Select Scenario for Subsequent Service Quotations* Customizing activity in Customizing for *Service*.
  Once activated, the *Create/Update Quotation* button appears in the *Manage Service Orders* app on the *Service Order Details* screen.

> **Note**
>
> You cannot use the *Order-Based Quotation* scenario and the *Requote* scenario in parallel. If you select the *Order-Based Quotation* scenario, the *Requote* scenario is disabled. Changing the scenario affects existing requotes.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management) 6AU (Service with Advanced Execution)
Technical Object Name	App ID: `TBT116MSR`
Application Component	`CRM-S4-SRV-SVQ` (*S4CRM: Service Order Quotation*) `CRM-S4-SRV-MNO` (*Service with Advanced Execution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Managing Order-Based Quotations
Order-Based Quotations in Service with Advanced Execution

10.2.1.14 SOAP APIs for Service Confirmation

Business Details

The SOAP APIs for service confirmation have been enhanced to support new fields for the tool equipment. In addition, a new field has been introduced to enable contract suppression for unplanned items.

The following table provides an overview of the added fields:

Field	Description	Service
Tool Equipment Fields		

Field	Description	Service
`ReferenceToolEquipment`	Allows to enter equipment for serialized service tool items. **Note** The new structure supports the fields `ServiceReferenceEquipment` and `SerialNumber`. Only one equipment ID can be entered in the tool item details. The `SerialNumber` field is read-only and cannot be provided in write requests. It is also only available in outbound interfaces.	• *Service Confirmation - Create, Change (Asynchronous)* `(ServiceConfirmationRequest_In)` • *Service Confirmation Bulk- Create, Change (Asynchronous)* `(ServiceConfirmationBulkRequest_In)` • *Service Confirmation - Confirm Processing (Asynchronous)* `(ServiceConfirmationConfirmation_Out)` • *Service Confirmation - Notification Processing (Asynchronous)* `ServiceConfirmationNotification_Out` • *Service Confirmation (Bulk) - Confirm Processing (Asynchronous)* `ServiceConfirmationBulkConfirmation_Out`
`SrvcContrDetnIsSpprsd`	Indicates that service contract determination is suppressed for a service confirmation unplanned item. Boolean: True or False **Note** When the fields `ReferenceServiceContract` and `ReferenceServiceContractItem` are provided in the request, the Service Contract will always be linked to the unplanned item, regardless of the value of `SrvcContrDetnIsSpprsd`. In other words, the presence of these reference fields overrides the suppression setting.	• *Service Confirmation - Create, Change (Asynchronous)* `(ServiceConfirmationRequest_In)` • *Service Confirmation Bulk- Create, Change (Asynchronous)* `(ServiceConfirmationBulkRequest_In)` • *Service Confirmation - Confirm Processing (Asynchronous)* `(ServiceConfirmationConfirmation_Out)` • *Service Confirmation - Notification Processing (Asynchronous)* `ServiceConfirmationNotification_Out` • *Service Confirmation (Bulk) - Confirm Processing (Asynchronous)* `ServiceConfirmationBulkConfirmation_Out`

Field	Description	Service
`Plant`	Indicates the plant to which the item is assigned.	• *Service Confirmation - Create, Change (Asynchronous)* (`ServiceConfirmationRequest_In`) • *Service Confirmation Bulk- Create, Change (Asynchronous)* (`ServiceConfirmationBulkRequest_In`) • *Service Confirmation - Confirm Processing (Asynchronous)* (`ServiceConfirmationConfirmation_Out`) • *Service Confirmation - Notification Processing (Asynchronous)* `ServiceConfirmationNotification_Out` • *Service Confirmation (Bulk) - Confirm Processing (Asynchronous)* `ServiceConfirmationBulkConfirmation_Out`
`StorageLocation`	Indicates where the item is stored.	• *Service Confirmation - Create, Change (Asynchronous)* (`ServiceConfirmationRequest_In`) • *Service Confirmation Bulk- Create, Change (Asynchronous)* (`ServiceConfirmationBulkRequest_In`) • *Service Confirmation - Confirm Processing (Asynchronous)* (`ServiceConfirmationConfirmation_Out`) • *Service Confirmation - Notification Processing (Asynchronous)* `ServiceConfirmationNotification_Out` • *Service Confirmation (Bulk) - Confirm Processing (Asynchronous)* `ServiceConfirmationBulkConfirmation_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-SCO` (*S4CRM: Service Confirmation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

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)
Service Confirmation - Create, Change (Asynchronous) on SAP Business Accelerator Hub
Service Confirmation - Confirm Processing (Asynchronous) on SAP Business Accelerator Hub
Service Confirmation - Notification Processing (Asynchronous) on SAP Business Accelerator Hub
Service Confirmation (Bulk) - Create, Change (Asynchronous) on SAP Business Accelerator Hub
Service Confirmation (Bulk) - Confirm Processing (Asynchronous) on SAP Business Accelerator Hub

10.2.1.15 ODATA API: Service Order Template (A2X)

Business Details

The OData API *Service Order Template (A2X)* (`API_SERVICE_ORDER_TEMPLATE_SRV`) has been deprecated and will be deleted in an upcoming release. We recommend switching to *Service Order Template* (`ServiceOrderTemplate`) instead. The *Service Order Template* API is based on the OData V4 protocol and offers improved processing time and resource consumption of clients and servers.

Technical Details

Type	Deprecated
Functional Localization	No localization

Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	API: `API_SERVICE_ORDER_TEMPLATE_SRV`
Application Component	`CRM-S4-SRV-SVT` (*S4CRM: Service Order Template*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Service Order Template (A2X) (Deprecated)
Service Order Template (V4)

10.2.1.16 ODATA API: Service Order Template

Business Details

With the OData API *Service Order Template* (`ServiceOrderTemplate`), you can create, read, and update service order templates and the relevant data in external systems. You can also delete single entities, such as items, in service orders. This API is based on the OData version 4 (V4) protocol. Compared to the *Service Order Template (A2X)* API that it now replaces, this API offers improved processing time and resource consumption of clients and servers, including a lightweight JSON format that reduces the size of every response.

Compared to *Service Order Template (A2X)*, this API offers the following benefits:

- You can choose whether you want to process your requests in a synchronous or asynchronous mode.
- For Create and Update requests, you can choose whether you want a full response containing all entities and their properties or whether you want a minimal response containing only the key of the created entity. The latter improves performance.
- Responses for Deep Insert Create requests include all child entities, not only the header entity.
- You can filter child entities. For example, you can send a request based on all service orders in the system that returns all items with a specific product.
- It's based on the ABAP RESTful Application Programming Model (RAP) ensuring a future-proof and stable architecture that is consistent across objects. You will find the same logic in the business object interface `I_ServiceOrderTemplateTP`.
- It supports features that the *Service Order Template (A2X)* cannot support for technical reasons. You can, for example, read the complete pricing details (including subtotals).

Data Migration for Long Texts

For long texts that are processed with the `A_SrvcOrdTmplLongText` and `A_SrvcOrdTmplItemLongText` entities, the data persistency introduced with SAP S/4HANAand SAP S/4HANA Cloud Private Edition2023 is

required. If you want to use this API, migrate your long texts to this persistency. For more information, see SAP note 3625686.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)
Technical Object Name	API: `ServiceOrderTemplate`
Application Component	`CRM-S4-SRV-SVT` (*S4CRM: Service Order Template*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Service Order Template (V4)

10.2.1.17 Maintenance Notification in Service with Advanced Execution

Business Details

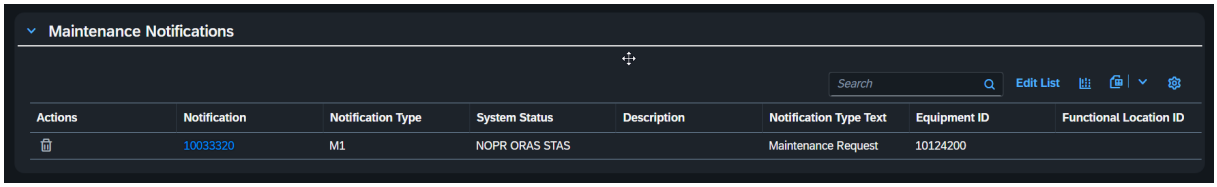
Maintenance notifications are created when a malfunction occurs in a piece of equipment or at a functional location. They are used to document the condition of a technical object, report defects or failures, and initiate requests for the necessary repair work. This enhancement allows you to assign maintenance notifications to execution order items in a service order. Notifications can also be unassigned from execution order items.

Notifications assigned to execution order items are transferred to the corresponding billable maintenance order. On assigning a notification, the technical object from the notification is copied over to the *Reference Objects* assignment block of the execution order item.

A new assignment block *Maintenance Notifications* is now available at the item level and displays information such as notification number, system status, notification type, equipment number and so on.

Examples of the User Interface

The following example shows the maintenance notification assignment block within an execution order item in the *Manage Service Orders* 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	6AU (Service with Advanced Execution)

Technical Object Name	App ID:
	`IW21`
	`IW22`
	`IW23`
	`IW31`
	`IW32`
	`IW33`
	`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 FPS02

Related Information

Maintenance Notification in Execution Order Item

10.2.1.18 Retroactive Billable Maintenance

Business Details

In retroactive billable maintenance, you can convert a maintenance order into a billable maintenance order after execution has started or costs have already been posted, provided the order is not technically completed (*TECO*). This addresses real-world scenarios where billing eligibility (for example, warranty vs. customer chargeable work) is only during or after an initial or detailed inspection. The system automatically realigns any existing cost postings after the service order is released.

Technical Details

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

Technical Object Name	App ID:
	`IW31`
	`IW32`
	`IW33`
	`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 FPS02

Related Information

Retroactive Billable Maintenance

10.2.1.19 Enhancements in Mass Creation of Resource-Related Billing Requests App

Business Details

Three new parameters have been added to the *Mass Creation of Resource-Related Billing Requests* (DP92A) app to help filter service orders for creation of debit memo requests (DMR). The three fields are:

- Service Order Transaction Type
- Completed Service Orders
- Completed Service Order Items

Additionally, the app can now be accessed in *SAP Easy Access* under *SAP Menu* > *Service* > *Service Processes* > *Mass Creation of Resource-Related Billing Requests*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	6AU (Service with Advanced Execution)
Technical Object Name	App ID: DP92A
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 FPS02

Related Information

Mass Creation of Resource-Related Billing Requests

10.2.1.20 Credit Check for RRCO Items

Business Details

Credit check enables early identification of credit risk and allows the standard credit management framework to evaluate credit exposure. Credit check for resource-related cost (RRCO) items are performed by aggregating

the gross value of the RRCO items with the gross value of the execution order item. A credit status *Credit check assigned to higher-level item* will be displayed against the RRCO item. The final credit check will be done against the execution order item with the cumulated credit value.

Implementation Details

Customizing

Enable the RRCO item category for credit check in Customizing. You can use the following path: *Service* > *Transactions* > *Basic settings* > *Define Item Categories* > *Credit Check*

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	6AU (Service with Advanced Execution)
Technical Object Name	App ID: `TBT116MSR`
Application Component	`CRM-S4-SRV-MNO` (*Service with Advanced Execution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Credit Checks in Service Orders
Resource-Related Cost Item

10.2.2 In-House Service

10.2.2.1 Launch Intercompany Process for Not Yet Available Service Objects

Business Details

You can now launch an intercompany process for service objects with availability set to *Not Tracked* in the *Manage In-House Services* (`F4025`) and *Manage In-House Service Objects* (`F7695`) apps. This allows you to directly receive service objects at service centers that are assigned to a different company code than the original in-house service.

To create an intercompany in-house service for a service object with the availability *Not Tracked*, you first launch the transfer of the service object to another service center. Then, you specify the plant where the end customer will send the service object.

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 FPS02

Related Information

Launch Intercompany Process for Not Yet Available Service Objects

10.2.2.2 Optimized Update Mechanism for In-House Services During Inbound Delivery Processing

Business Details

The settings for creating inbound deliveries for service objects in the In-House Service apps when receiving the service objects have been optimized. The condition records for the delivery types `ELS1` and `ELS3` assigned to output type `ELS` (*Inbound Delivery In-House Service*) are now obsolete. If you have set up inbound deliveries in a release earlier than SAP S/4HANA Cloud Private Edition 2025 FPS02 and SAP S/4HANA 2025 FPS02, you can now delete these entries.

Implementation Details

You can delete the condition records for the delivery types `ELS1` and `ELS3` of output type `ELS` (*Inbound Delivery In-House Service*) under *Change Outbound - Condition Records: Inbound Delivery* (transaction code `MN25`). This avoids unnecessary business logic being performed in the system.

For more information, see the Customizing documentation in *Service* under *In-House Service* > *Integrate In-House Service with Inventory and Delivery Management*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7GB (In-House Service)
Technical Object Name	Not applicable
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 FPS02

Related Information

Manage Inbound Deliveries for Service Objects
Transfer Service Objects to Another Service Center

10.2.2.3 Split and Merge Service Objects Involved in Intercompany Processes

Business Details

You can now split and merge service objects related to intercompany in-house services in the *Manage In-House Services* (`F4025`) and the *Manage In-House Service Objects* (`F7695`) apps. This ensures consistent representation of service objects that were created through splitting or merging and their availability across all company codes involved. Previously, splitting and merging was only available for service objects related to in-house services not involved in intercompany processes.

You handle splitting and merging service objects related to intercompany in-house services in the same way as for in-house services. In doing so, the restructuring is performed automatically in all in-house services that have been created for the different company codes and to which the service objects are assigned.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7GB (In-House Service)

Technical Object Name	App ID:
	`F7695`
	`F4025`

Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Restructuring Service Objects
Processing Service Objects in Intercompany In-House Services

10.2.2.4 Adding Attachments to Service Objects

Business Details

You can now add documents directly to service objects in the *Manage In-House Service Objects* app under *Attachments*. Before, you were only able to add attachments to in-house services in the *Manage In-House Services* app. Attaching relevant documents directly to service objects helps you, for example, to plan and perform service activities for individual service objects more effectively.

Implementation Details

Customizing

Documents that you add to service objects in the *Manage In-House Service Objects* app are stored using Document Management (DMS) and processed with Harmonized Document Management (HDM).

You set up Document Management (DMS) in Customizing for *Cross-Application Components* under *Document Management* > *Control Data* > *Define DMS Document Types*.

You activate Harmonized Document Management (HDM) to be used in the respective apps in Customizing for *ABAP Platform* under *Application Server* > *Basis Services* > *Harmonized Document Management* > *Activate HDM for Attachment Object Type*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7GB (In-House Service)
Technical Object Name	App ID: `F7695`
Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Service Object (In-House Service Object)
Harmonized Document Management

10.2.2.5 OData API: In-House Service

Business Details

The *In-House Service* API has been enhanced by the following new entities:

- `InHouseRepairPartner` (*Partner of In-House Service*): Contains data about the business partner that is used in the in-house service. That is, the rights and responsibilities of each partner (for example, the ship-to party).
- `InHouseRepairItemPartner` (*Partner of In-House Service Object*): Contains data about the business partner that is used in the in-house service object (service object). That is, the rights and responsibilities of each partner (for example, the ship-to party).

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7GB (In-House Service)
Technical Object Name	API: `API_INHOUSEREPAIR`
Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Partner of In-House Service
Partner of In-House Service Object
In-House Service
https://api.sap.com/api/sap-s4-OP_API_INHOUSEREPAIR_0001-v1

10.2.2.6 Define Custom Partner Functions for In-House Services and Service Objects

Business Details

You can now define your own partner functions (**custom partner functions**) for In-House Service in Customizing according to your business requirements. Previously, you were limited to using standard partner functions, such as the sold-to party or end customer.

Custom partner functions that are maintained in in-house services are copied to the follow-up service transactions.

Implementation Details

Customizing

You define and set up custom partner functions in Customizing for *Service* under *Basic Functions* > *Partner Processing*. For more information about specific settings for In-House Service, see the Customizing documentation under *In-House Service* > *Define Partner Processing*.

Key User Extensibility

Using key user extensibility, you can integrate the new tab, *Parties Involved*, as a section into the object pages of the *Manage In-House Services* (`F4025`) and *Manage In-House Service Objects* (`F7695`) apps. This tab displays both standard partner functions and custom partner functions.

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 FPS02

Related Information

Partner Processing in In-House Services and Service Objects
Partner Processing
App Extensibility (Key User): Manage In-House Services
App Extensibility (Key User): Manage In-House Service Objects
OData API: In-House Service [page 534]

10.2.2.7 Add and Delete Service Objects in In-House Services

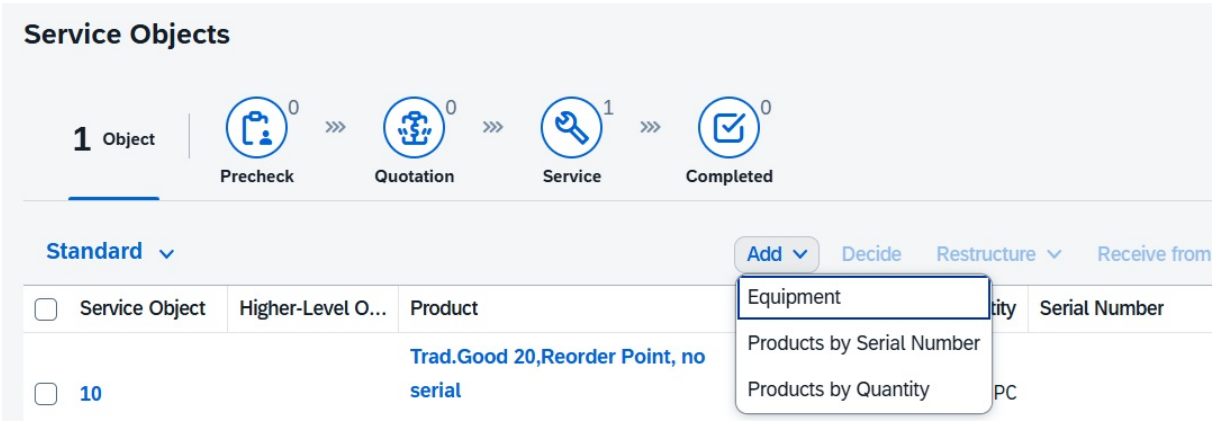
Business Details

In the *Manage In-House Services* app (`F4025`), you can now add and delete service objects in in-house services that have the status *In Process*. Previously, you could only add and delete service objects in in-house services that had the status *Open*.

Service objects that you add to in-house services in status *In Process* are automatically set to *In Process*. So, you can immediately launch the in-house service process for the service object. However, you can set service objects to the status *Open* if you do not want to process the in-house service for the service object yet.

Changes to the User Interface

The following example shows the *Add* button, which you use to add service objects to in-house services in the *Manage In-House Services* app. In the service objects overview of an in-house service, clicking this button allows you to add equipment, products by serial number, or product by quantity as service objects to in-house services that have the status *In Process*:



> **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	7GB (In-House Service)
Technical Object Name	App ID: `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 FPS02

Related Information

Processing Service Objects in In-House Service
Changed Terminology When Adding Service Objects in In-House Services [page 543]

10.2.2.8 Set In-House Services and Service Objects Back to Status *In Process*

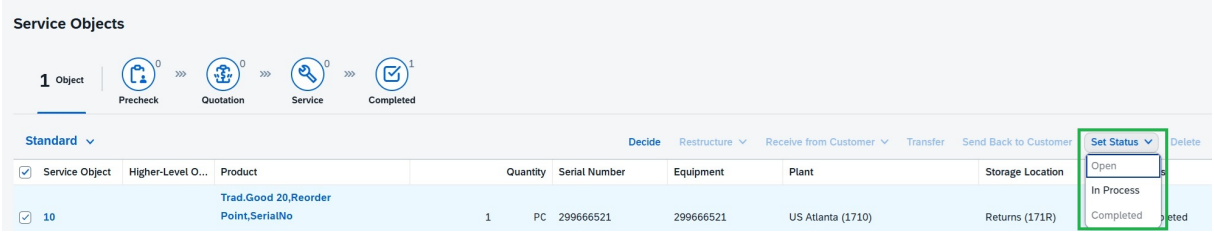
Business Details

In the *Manage In-House Services* and *Manage In-House Service Objects* apps, you can now change the status of in-house services and service objects from *Completed* back to *In Process*. This allows you, for example, to plan and perform additional work in the related service quotation or service order or to add more service objects to the in-house service. Once you are finished with your tasks, you can set the service object and the in-house service back to *Completed*.

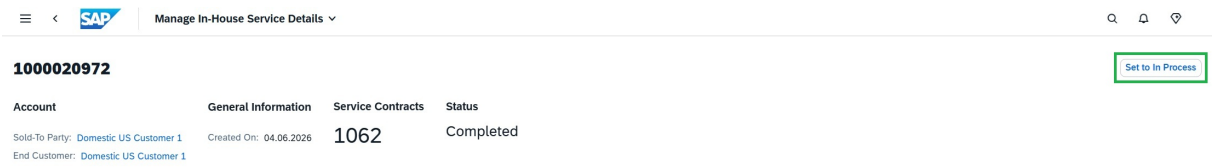
Changes to the User Interface

> **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.

The context menu *Set Status* is now available for an in-house service in the *Manage In-House Services* app on the *Service Objects* tab and in the *Manage In-House Service Objects* app on the service objects list screen. When clicking this context menu, you can choose one of the provided statuses *Open*, *In Process*, or *Completed*:



On the *Details* screens for the in-house services in the *Manage In-House Services* app and the service objects in the *Manage In-House Service Objects* app, a button with the possible status to be set is displayed:



Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7GB (In-House Service)

Technical Object Name	App ID:
	`F7695`
	`F4025`

Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Managing In-House Services
Processing Service Objects

10.2.2.9 Flatten Hierarchy of Higher-Level Service Objects

Business Details

You can now convert the hierarchical structure of a higher-level service object into a flat structure. This makes it easier to perform the service process for the related subordinate service objects. When the hierarchy of a higher-level service object is flattened, the system creates new independent service objects for all subordinate service objects.

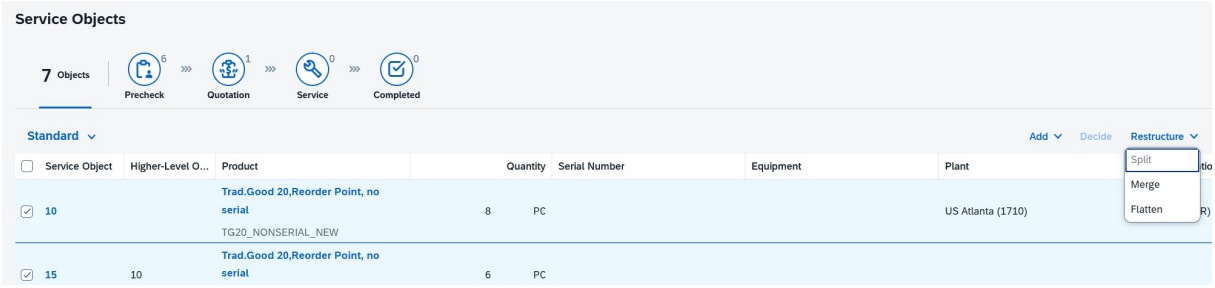
You can flatten the hierarchy of higher-level service objects in the *Manage In-House Services* (`F4025`) and *Manage In-House Service Objects* (`F7695`) apps.

Higher-level service objects and their subordinate service objects that have been restructured by flattening 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 and the list report of the *Manage In-House Service Objects* app. However, in the *Manage In-House Service Objects* app, you can filter for service objects set to *Obsolete*.

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.

The following example shows the *Flatten* button in the service objects overview in the *Manage In-House Services* app. It appears when you open the *Restructure* context menu.



This button is also available in the list report of the *Manage In-House Service Objects* app.

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 FPS02

Related Information

Flatten Hierarchy of Higher-Level Service Objects
Restructuring Service Objects

10.2.2.10 Define Custom RAP Actions Using Behavior Extensibility

Business Details

You can now define your own behavior extensions for the RAP business object `I_InHouseRepairTP` and own actions using ABAP RESTful Application Programming Model (RAP). This enables you to implement actions using extensibility for experts and that are displayed as buttons on the UIs of the *Manage In-House Services* (`F4025`) and *Manage In-House Service Objects* (`F7695`) apps.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7GB (In-House Service)

Technical Object Name	App ID:
	`F7695`
	`F4025`

Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

App Extensibility (Expert): Manage In-House Services
App Extensibility (Expert): Manage In-House Service Objects
ABAP RESTful Application Programming Model
Extend
Behavior Extensions

10.2.2.11 Add and Change Serial Numbers and Equipment in Service Objects

Business Details

You can now add and change serial numbers and equipment IDs in service objects at any stage while the service object is being processed. Previously, this was only possible while the service object was in status *Open*. In addition, the number of assigned serial numbers and equipment IDs no longer has to match the total quantity of the service object. It can now be lower, but must not exceed the total quantity.

You can add, change, and delete serial numbers and equipment IDs in service objects in the *Manage In-House Service Objects* (`F7695`) app under *Serial Numbers*.

The following applies when updating serial numbers and equipment in service objects:

- The availability at the service center must be one of the following:
  - *Not Tracked*
  - *Delivery to Service Center Canceled*
  - *Received by Service Center*
    This also applies when an intercompany process for the service object exists.
- In service quotations and service orders, you can view the serial numbers and equipment assigned to the service object on the *In-House Service Objects* and *Reference Objects* assignment blocks on the header or item level.
- When you add or delete serial numbers or equipment in service objects with the availability *Received by Service Center*, the system creates a separate material document for each serial number and equipment to perform the corresponding goods movement and ensure stock consistency.
  If serial numbers or equipment are assigned to only a subset of the service object quantity and the remaining quantity has no serial numbers or equipment assigned, the creation of the material documents also updates the stock quantity for this remaining quantity.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7GB (In-House Service)
Technical Object Name	App ID: `F7695`
Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Managing Additional Serial Numbers and Equipment in Service Objects
Processing Service Objects with Partially Assigned Serial Numbers or Equipment [page 542]

10.2.2.12 Processing Service Objects with Partially Assigned Serial Numbers or Equipment

Business Details

In the *Manage In-House Service Objects* (`F7695`) app under *Serial Numbers*, service objects with a quantity greater than one can now have fewer serial numbers or equipment IDs assigned than their total quantity. Consequently, only a subset of the service object quantity may be assigned serial numbers or equipment IDs, while the rest of the quantity remains without any assigned serial numbers or equipment IDs.

When a service object is split based on quantity, for example, a quantity of 5 with 3 assigned serial numbers or equipment IDs, it is replaced by the following two succeeding service objects:

- A service object containing the assigned serial numbers and equipment IDs
- A service object representing the remaining quantity that has no serial numbers or equipment IDs assigned

Additionally, when you add or change serial numbers or equipment IDs in service objects with the availability *Received by Service Center*, the system creates a separate material document for each serial number and equipment ID. This enables the required goods movement and ensures stock consistency.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7GB (In-House Service)
Technical Object Name	App ID: `F7695`
Application Component	`CRM-S4-IHR` (*S4CRM: In-House Service (In-House Repair)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Managing Additional Serial Numbers and Equipment in Service Objects
Add and Change Serial Numbers and Equipment in Service Objects [page 541]
Split and Merge in In-House Service

10.2.2.13 Changed Terminology When Adding Service Objects in In-House Services

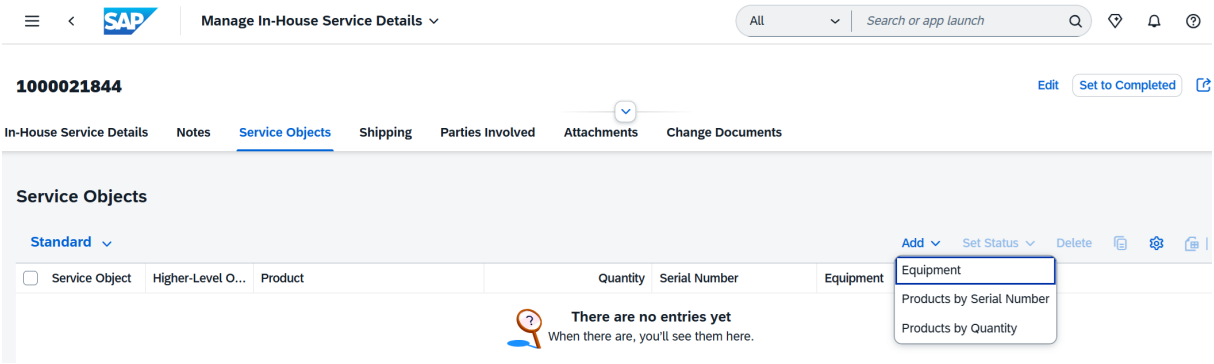
Business Details

In the *Manage In-House Services* app you now see updated descriptions on the *Create* screen and the *In-House Service Details* screen under *Service Objects*. When you select the *Add* button, the context menu displays *Products by Serial Number* and *Products by Quantity*. Previously, the context menu displayed *Serialized Products* and *Non-Serialized Products*. This change provides clearer descriptions how you can add service objects.

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.

The following example shows the context menu for the *Add* button in the *Manage In-House Services* app:



Type	Changed
Functional Localization	No localization
Scope Item	7GB (In-House Service)
Technical Object Name	App ID: `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 FPS02

Related Information

Manage In-House Services
Creating Service Objects

10.2.2.14 In-House Services Displayed in Billable Maintenance Orders

Business Details

In the Service with Advanced Execution process, you can now view all service objects associated with a billable order directly in the SAP GUI transactions *Change Maintenance Order* (`IW32`) and *Display Maintenance Order* (`IW33`), and in the *Manage Maintenance Orders* (`F5241`) app on the new *In-House Service Objects* tab. When you click the service object, you are navigated to its details screen in the *Manage In-House Service Objects* app.

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:
	`F5241`
	`IW32`
	`IW33`

Application Component	`PM-WOC-MO-BIL` (*Billable Maintenance*) `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 FPS02

Related Information

Functional Enhancements for Billable Maintenance Orders [page 96]
Service with Advanced Execution for Service Objects
Service with Advanced Execution

10.3 Cross Topics

10.3.1 Easy Condition Entry in Service Transaction Items

Business Details

This feature allows you to enter up to five pricing conditions directly in service transaction item tables. It removes the need to open pricing details in service transaction items, so discounts and surcharges can be applied directly in the item overview.

Implementation Details

Customizing

To use the feature, you need to configure the easy condition entry in the Customizing activity *Define Condition Types for Easy Condition Entry*. You access it in Customizing for Service under *Basic Functions* > *Pricing*. In this activity, you define which condition types you can enter directly in the item table of a service transaction. For each pricing procedure, you specify up to five condition types that the system displays as editable columns in the item table of a service transaction.

For more information, see the documentation of the Customizing activity *Define Condition Types for Easy Condition Entry*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Customizing Activity: `CRMV_ECE_PRICING`
Application Component	`CRM-S4-SRV` (*S4CRM: Service Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Maintaining Price Details in Business Transactions

10.3.2 Smart Value Help for Service Transactions

Business Details

You can now use the smart value help to find business partners and products faster when filling out service forms. Type-ahead search displays relevant results as you type, helping you find the right values faster, reduce the number of clicks, and work more efficiently. This also results in fewer errors.

The smart value help is available for the following service transactions:

Service Transaction	Supported Fields	Related App
Service order	*Sold-To Party* (header) *Product ID* (items)	*Manage Service Orders* app (`TBT116MSR`)
Service quotation	*Sold-To Party* (header) *Product ID* (items)	*Manage Service Quotations* app (`TBT116QMSR`)
Service request	*Customer* (header)	*Manage Service Requests* app (`TINCSR`)
Service confirmation	*Sold-To Party* (header) *Product ID* (items)	*Manage Service Confirmations* app (`TBT117MSR`)
Service order template	*Product ID* (items)	*Manage Service Order Templates* app (`TBT116TMSR`)

You can also use the value help option on an input field.

Implementation Details

In order to use the smart value help, you have to activate the `UI_S4CRM_SERV_REUSE` service in transaction `/IWFND/MAINT_SERVICE`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)

Technical Object Name	App ID:
	`TBT116MSR`
	`TBT117MSR`
	`TBT116QMSR`
	`TBT116TMSR`
	`TINCSR`

Application Component	`CRM-S4-SRV-SVO` (*S4CRM: Service Order*) `CRM-S4-SRV-SCO` (*S4CRM: Service Confirmation*) `CRM-S4-SRV-SVQ` (*S4CRM: Service Quotation*) `CRM-S4-SRV-SVT` (*S4CRM: Service Order Template*) `CRM-S4-SRV-SRQ` (*S4CRM: Service Request*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Smart Value Help for Service Transactions

10.3.3 Support of HDM for Attachments in Service Transactions

Business Details

You can now use Harmonized Document Management (HDM) to manage attachments in the following service transactions:

- Service quotation
- Service contract
- Service confirmation
- Service order template
- Service request (on header level)
- Solution quotation

HDM enables the use of Document Management (DMS) that offers enhanced functionality compared to the previously supported Generic Object Services (GOS). DMS allows you to independently search for, access, reuse, rename, and version attachments.

HDM harmonizes the process of handling attachments across applications and allows the use of the document frameworks DMS, GOS, and ArchiveLink. By default, the DMS document framework is the recommended and primary solution in HDM, as it provides a more robust feature set for document management compared to other technologies.

The following apps are impacted by the introduction of HDM:

- *Manage Service Quotations* (`TBT116QMSR`)
- *Manage Service Contracts* (`TBT112MSR`)

- *Manage Service Confirmations* (`TBT117MSR`)
- *Manage Service Order Templates* (`TBT116TMSR`)
- *Manage Service Requests* (`TINCSR`)
- *Manage Solution Quotations* (`F7671`)

Implementation Details

Customizing

To use HDM in your apps, you must configure the relevant settings in Customizing for *ABAP Platform* under *Application Server* > *Basis Services* > *Harmonized Document Management* > *Activate HDM for Attachment Object Types*.

For more information, see the documentation of the Customizing activity and Harmonized Document Management.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management)

Technical Object Name	App ID:
	`TBT116QMSR`
	`TBT112MSR`
	`TBT117MSR`
	`TBT116TMSR`
	`TINCSR`
	`F7671`

Application Component	`CRM-S4-SRV-SVQ` (*S4CRM: Service Quotation*) `CRM-S4-SRV-CTR` (*S4CRM: Service Contract*) `CRM-S4-SRV-SCO` (*S4CRM: Service Confirmation*) `CRM-S4-SRV-SVT` (*S4CRM: Service Order Template*) `CRM-S4-SRV-SRQ` (*S4CRM: Service Request*) `CRM-S4-SOL-SQ` (*S4CRM: Solution Quotation*)

Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Harmonized Document Management

10.3.4 Improvement of Process Flow on Service Quotations

Business Details

The process flow diagram for service quotations has been improved. It now provides a clearer and more intuitive visualization by eliminating redundant predecessor links and avoiding crossed connections.

Execution order items in a service quotation are connected to the corresponding maintenance orders. Once a maintenance order is subsequently linked to a service order, the process flow now focuses on the service order-to-maintenance order relationship. The earlier service quotation-to-maintenance order link is no longer displayed.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	41Z (Service Quotation and Order Management) 6AU (Service with Advanced Execution)

Technical Object Name	App ID:
	`TBT116QMSR`
	`TBT116MSR`

Application Component	`CRM-S4-SRV-SVQ` (*S4CRM: Service Order Quotation*) `CRM-S4-SRV-MNO` (*Service with Advanced Execution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Service Quotations
Service with Advanced Execution

10.4 WebClient UI Framework

10.4.1 Support Deep Linking

Business Details

Added support for deep linking within WebClient UI applications when possible. This allows you bookmark, share and recover the URL to child pages of an object page.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Application Component	`CA-WUI-UI` (*WebClient UI*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

10.4.2 Navigation Bar Improvements

Business Details

Enhancements to the left side navigation bar on all WebClient UI applications in standalone mode now highlight the active item. This helps to locate the selected item faster.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Application Component	`CA-WUI-UI` (*Webclient UI*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

10.4.3 Additional Support for Translating Tooltips

Business Details

This allows you to translate your tooltips in *Form Configurations* in the *Translate* popup within the configuration tool. This simplifies the process when using several languages.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`CA-WUI-CON` (*Webclient UI Configuration & Design Layer*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Translate from Configuration Tool

10.4.4 Integration with Flexible Workflow

Business Details

This feature allows WebClient UI applications to integrate and use a flexible workflow in WebClient UI object pages on both SAP S/4HANA and SAP S/4HANA Cloud Private Edition. This enables a consistent workflow visualization and allows direct navigation from workflow steps to workflow details.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Application Component	`CA-WUI-UI` (*WebClient UI*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Integration with Flexible Workflow

11 Sourcing and Procurement

11.1 Sourcing and Contract Management

11.1.1 Custom Validation for Purchasing Info Records

Business Details

With this feature, you can implement custom validations and business logic for purchasing info records by using the Business Add-In (BAdI) `MMPUR_PIR_CHECK_DATA_BADI`. The BAdI is supported across the *Manage Purchasing Info Records* app (F1982) and *Mass Changes to Purchasing Info Records* app (F2667).

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	3I1 (Products for Retail)

Technical Object Name	App ID:
	`F1982`
	`F2667`
	Business Add-In (BAdI):
	`MMPUR_PIR_CHECK_DATA_BADI`

Application Component	`MM-PUR-GF-MAS` (*Mass Change Apps in Sourcing and Procurement*) `MM-PUR-VM-REC` (*Info Record*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Mass Changes to Purchasing Info Records
Manage Purchasing Info Records

11.1.2 Future Pricing Conditions in the Manage Workflows for Purchase Contracts App

Business Details

This feature enables you to ensure that contracts with changed future price conditions are reviewed and approved or rejected through the flexible workflow. The **Restart of Flexible Workflow for Contracts** also considers changes to future price conditions. When a future price condition is changed, the system restarts the workflow and triggers approval for the updated future price condition.

The following two conditions have been added for future price conditions:

- Highest net price considering future price in all items is greater than
- Highest net price considering future price in all items is less than or equal to

Based on the step conditions defined in the *Manage Workflows for Purchase Contracts* app for future pricing conditions, the system triggers the workflow by considering the header conditions as well. However, the header conditions are not considered when the step condition is defined only for the **Net Price** condition.

> ⓘ Note
>
> The validation based on header- and item-level pricing conditions to influence the workflow restart condition in the BAdI implementation is not supported within transaction **ME32K**, unlike in the Fiori app.

Implementation Details

Customizing

You can enable future conditions for future prices in the *Manage Workflows for Purchase Contracts* app.

To configure Flexible Workflow of Purchase Contracts in the flexible workflow you can use the following customizing activity:

Material Management > *Purchasing* > *Contract* > *Flexible Workflow for Purchase Contracts* > *Manage Conditions to Restart Flexible Workflow for Purchase Contracts*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BMD (Purchase Contract)
Technical Object Name	App ID: `F3043`
Application Component	`MM-FIO-PUR-SQ-CON` (*Purchase Contract*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Workflows for Purchase Contracts

11.1.3 Business Add-In (BAdI) to Restart Flexible Workflow When Editing Contracts Using ME32K

Business Details

This feature enables you to use the Business Add-In (BAdI) `MM_PUR_S4_CTR_WFL_RESTART` to restart the flexible workflow when a contract is changed using transaction **ME32K**. The BAdI supports header- and item-level changes only.

> **Note**
>
> The validation based on header- and item-level pricing conditions to influence the workflow restart condition in the BAdI implementation is not supported within transaction **ME32K**, unlike in the Fiori app.

Technical Details

Type	Changed
Functional Localization	No localization

Scope Item	BMD (Purchase Contract)
Technical Object Name	
Application Component	`MM-PUR-OA-CON` (*Purchase Contracts*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Workflows for Purchase Contracts

11.1.4 Product Sourcing

11.1.4.1 New Apps in Product Sourcing

Business Details

The following new apps are available in product sourcing:

Apps	App ID	Versions
Manage Preferred Supplier Lists	F4333A	Both old and new versions
Manage Supplier Lists for Sourcing	F4536A	Both old and new versions
Manage Supplier Quotations	F4862A	Both old and new versions
Compare Supplier Quotations	F4863A	Both old and new versions
Manage Awarding Scenarios	F5550A	Both old and new versions
Manage Negotiations	F5551A	Both old and new versions
Manage Cost Breakdown Templates	F6666A	Both old and new versions
Contribute to Sourcing Projects	F7757	New version only
Contribute to Supplier Quotations	F7758	New version only

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4RD
Technical Object Name	App ID: F4333A F4536A F4862A F4863A F5550A F5551A F6666A F7757 F7758
Application Component	MM-PUR-SRC-SP (*Sourcing Project*) MM-PUR-SRC-SPQ(*Sourcing Project*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

11.1.4.2 Item Material and Item Material Group Filters in Sourcing Projects and Supplier Quotations

Business Details

This feature enables you to filter sourcing projects and supplier quotations by item material and item material group, making it faster to locate relevant sourcing documents when working with large datasets.

Previously, sourcing managers and suppliers could not filter the list of sourcing projects or supplier quotations based on item-level attributes such as material or material group. With this feature, both filters are available directly on the overview pages of the *Manage Sourcing Projects* and *Manage Supplier Quotations* apps, allowing users to quickly narrow down results without navigating into individual documents.

> **Note**
>
> This feature is only available in the new version of the *Manage Sourcing Projects* and *Manage Supplier Quotations* apps.

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.

Two new filters, *Item Material* and *Item Material Group*, have been added to the filter bars of the Manage Sourcing Projects and Manage Supplier Quotations apps. In addition, *Item Material* and *Item Material Group* are now available as columns in the *Items* table at the item level within both apps.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	`App ID:`
	`F4861A`
	`F4862A`

Application Component	`MM-PUR-SRC-SP` (*Sourcing Project*) `MM-PUR-SRC-SPQ`(*Sourcing Project Quotation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

11.1.4.3 New View in Compare Supplier Quotations

Business Details

This feature introduces a new view, *Terms* in the *Compare Supplier Quotations* app, enabling sourcing managers to review and compare payment terms, incoterms, and shipping instructions across supplier quotations in a single view. This supports more informed award decisions that account for the complete terms of each offer, not only the price.

Previously, sourcing managers could compare supplier quotations based on pricing and item-level details, but delivery and payment conditions, such as payment terms, incoterms, and shipping instructions were not visible in the comparison view. Sourcing managers had to navigate into individual quotations to review these conditions, making side-by-side comparison difficult and time-consuming.

With the new view, all delivery and payment conditions are displayed together across quotations, giving sourcing managers full visibility into the terms offered by each supplier.

> ⓘ Note
>
> This feature is only available in the new version of the *Compare Supplier Quotations* app.

Examples of the User Interface

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

A new view *Terms* is available in the *Selected View* dropdown list of the *Compare Supplier Quotations* app. Selecting this view displays the payment terms, incoterms, and shipping instructions maintained in each supplier quotation side by side.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F4863A`
Application Component	`MM-PUR-SRC-SPQ`(*Sourcing Project Quotation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

11.1.4.4 Ability to Evaluate Supplier Quotations

Business Details

With this feature, sourcing contacts assigned as contributors can submit structured evaluations for individual supplier quotations, including their quotation items, directly in the *Manage Supplier Quotations - New Version* app. Contributors can also provide their evaluations using the *Contribute to Supplier Quotations* app. In addition, evaluations can be collected through external questionnaires or through APIs, enabling integration with external evaluation tools and automated workflows. Evaluations include a score, suitability status, and comment. This feature enables structured, role-based evaluation of supplier quotations, reduces the need for offline feedback collection, and ensures that evaluation results are captured directly in the system.

In the sourcing project, the sourcing manager assigns responsible contributor contacts for each category. In Customizing, a system administrator defines the available evaluation categories and groups, evaluation types, and the entities that can be evaluated, such as entire quotations or quotation items. This configuration determines the evaluation categories against which contributors can evaluate a quotation or its items.

Once a quotation has been submitted by the supplier, an *Evaluation* section becomes available at both the quotation header and quotation item levels.

Each contributor can submit one evaluation per assigned evaluation category, at header or item level. Multiple contributors can independently evaluate the same quotation or item. An evaluation includes a score, evaluation category, suitability status, and comment. The suitability status indicates whether the quotation or quotation item has passed the evaluation.

Access to the evaluation section is restricted. Only contacts whose contact category is mapped to an evaluation category can create and maintain evaluations. If a contributor is assigned a contact category for which no evaluation category is mapped, the evaluation functionality is not available to that contributor.

Evaluation Types

Evaluations are classified by their source, which determines how they are created and whether they can be edited manually:

- **Manual**: Created directly by a contributor or sourcing manager within the application. These evaluations are fully editable by the creator, subject to their authorizations.
- **Questionnaire**: Derived from questionnaire responses submitted as part of the sourcing process. These evaluations are system-generated and cannot be edited manually.
- **External**: Created through integration with an external system using APIs. These evaluations are locked for manual changes. Users can also pass evaluation types, such as Manual or Questionnaire, through APIs. If no evaluation type is provided, the system assigns the type External by default.
- **AI**: Generated by AI-based logic. By default, these evaluations cannot be edited manually. This evaluation type currently works the same way as the External type. It's reserved for dedicated AI use in future releases.

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.

A new *Evaluation* section is available in the *Manage Supplier Quotations - New Version* and *Contribute to Supplier Quotations* apps at both the quotation header and quotation item levels. Contributors can create evaluation entries by selecting the *Evaluation Category* and *Contact Category*, and entering a *Item Evaluation Score*, *Suitability*, and *Comment*.

A new view, *Evaluation Score* is available in the *Compare Supplier Quotations - New Version* app which displays the following at both quotation and item level.

- The evaluation score as a numeric value. The overall score is the average of all individual scores submitted
- The suitability rating, shown as a visual indicator. The overall suitability is considered not suitable if at least one contributor has marked their evaluation as not suitable, regardless of other responses

> **Note**
>
> The *Evaluation Score* view displays all configured evaluation categories regardless of whether an evaluation has been submitted. Categories for which no evaluation has been submitted appear as empty entries.

Implementation Details

To use this feature, the following setup must be completed before contributors can submit evaluations:

1. A system administrator defines evaluation categories, evaluation groups, and evaluation models in Customizing using the relevant IMG activities.
2. In the sourcing project, the sourcing manager assigns contributor contacts.

Evaluations can only be submitted once a quotation has been submitted by the supplier.

Authorizations

Access to the evaluation functionality is role-dependent:

Role	Can Do	Cannot Do
Sourcing contributor	Create, edit, and delete own evaluation entries. Additionally, they can set evaluation categories and suitability status at item and header level	View or modify evaluations submitted by other contributors
Sourcing manager	Assign contributor contacts	Create, edit, or delete evaluation entries

Customizing

The following IMG activities in *Purchasing* > *Sourcing* > *Product Sourcing* > *Evaluation* must be configured before this feature can be used:

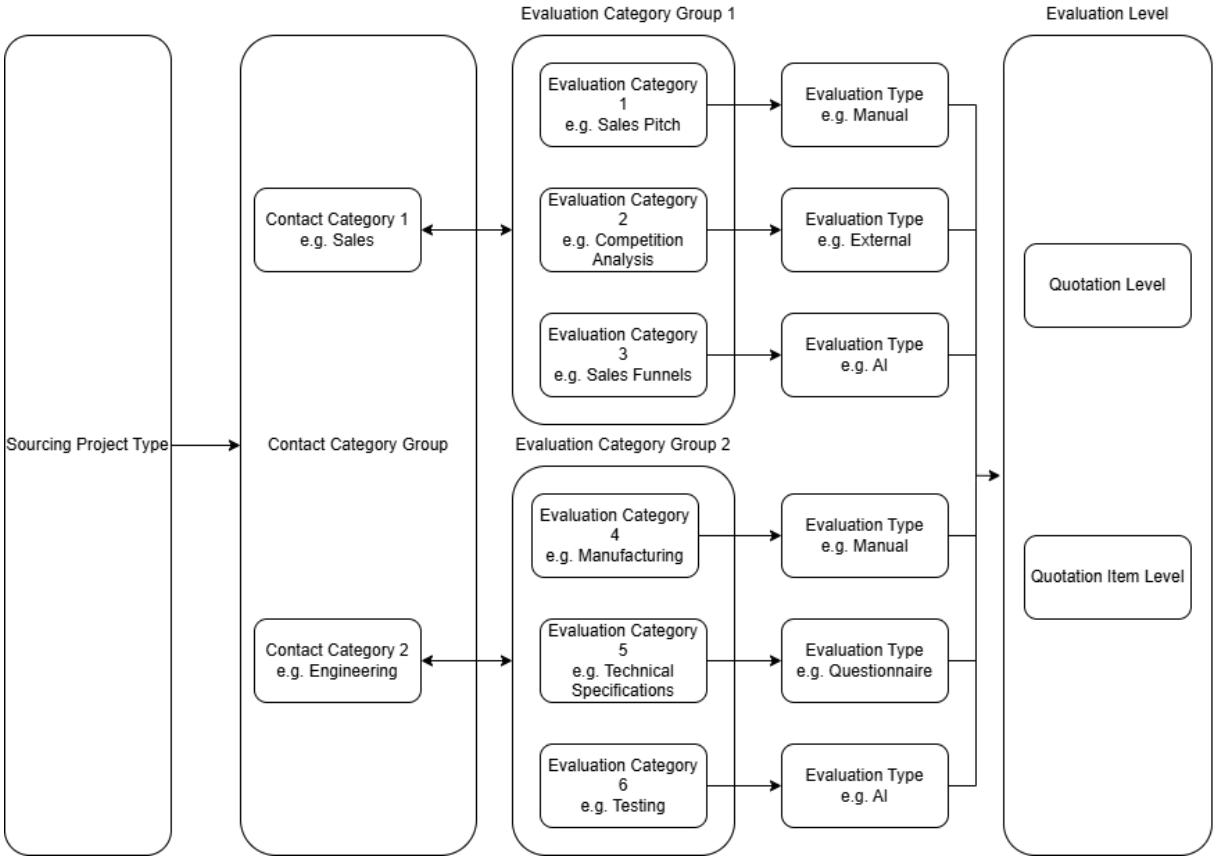
- *Define Evaluation Category*: Create the individual criteria used to assess supplier quotations (for example, Technical Specification or Price Competitiveness).
- *Define Evaluation Group*: Organize related categories into logical groups (for example, Technical Evaluation or Commercial Evaluation).
- *Define Evaluation Model*: Map evaluation groups to contact categories. This determines which criteria appear for each team when they evaluate a supplier quotation.

Evaluations are structured in three levels: Contact Category > Evaluation Group > Evaluation Category, where each contact category represents a team, each team is linked to an evaluation group, and each group contains evaluation categories, the specific criteria being assessed. For example, the Technical Evaluation group includes Technical Specification, Assembly Feasibility, Manufacturing Capability, and Innovation Capabilities:

Contact Categories	Evaluation Groups
Engineering	Technical Evaluation
Finance	Commercial Evaluation
Quality	Quality Evaluation

Administrators can also configure whether an evaluation applies at the quotation level or the quotation item level.

The following image shows the relationship between various objects:



Technical Details

Type	New
Functional Localization	No localization
Scope Item	4RD
Technical Object Name	App ID: F4862A F4863A F7758
Application Component	MM-PUR-SRC-SPQ(*Sourcing Project*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

11.1.4.5 Ability to Edit Incoterms Location Fields in Supplier Quotations

Business Details

With this feature, suppliers can edit incoterms location values directly in their quotations. For incoterms where the delivery location is supplier-specific, each supplier can now provide their own location, reflecting the actual business process in multi-supplier sourcing events.

Previously, the incoterms location 1 and location 2 fields on supplier quotations were read-only. Only values predefined by the buyer during the sourcing event could be selected, and the supplier couldn't freely enter or modify location values. Location 1 is mandatory but location 2 is optional.

Both fields are now editable for quotations that have not yet been submitted:

- *Incoterms Location 1* is a mandatory field.
- *Incoterms Location 2* is optional. It can be left blank or filled in, depending on the requirements of the selected incoterms.

This functionality is available in both *Manage Supplier Quotations* and *Manage Supplier Quotations - New Version* apps.

Incoterms define the responsibilities of buyers and sellers in international trade, including where delivery takes place. For certain incoterms, the delivery location is inherently supplier-specific.

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.

The *Incoterms Location 1* and *Incoterms Location 2* fields are now added to the supplier quotations. These are editable for unsubmitted quotations. Location 1 is marked as mandatory.

Implementation Details

Ensure that incoterms customizing is complete and up to date before suppliers begin entering quotation data, as submitted values are validated against this configuration.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4RD
Technical Object Name	App ID: F4862 F4862A
Application Component	MM-PUR-SRC-SPQ (*Sourcing Project Quotations*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

11.1.4.6 Ability to Define Supplier-Defined Items

Business Details

With this feature, suppliers can now add invest items directly to a supplier quotation when permitted by the sourcing manager. Supplier-defined items are linked to one or more purchaser-defined items and include pricing information. Their costs are visible to the sourcing manager in the quotation, comparison, and awarding stages, and can be included in purchase order creation.

In many procurement scenarios, particularly in the automotive industry, suppliers may require additional investments to fulfill a buyer's request, such as special tooling, machines, or prototypes. These costs aren't included in the unit price and are offered as separate invest items. Previously, only sourcing managers could define invest items as part of the sourcing project structure. Suppliers had no way to propose additional investment requirements within the quotation.

Now suppliers can add invest items to sourcing events and select from the item categories permitted by the sourcing manager. This option is only available when the sourcing manager has enabled the supplier-defined item capability.

When a sourcing project is copied, the *Allow Supplier-Defined Items* setting and allowed item categories are copied if the sourcing project type is the same. If the type differs, these fields are left empty and must be configured manually.

Suppliers can create invest items to a sourcing project and provide the following information:

- Description
- Item category (from the categories allowed by the sourcing manager)
- Offered quantity and unit of measure
- Net price, net price quantity, and total amount

- Linkage to one or more purchaser-defined items

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.

The following are some of the most important changes made to the user interface:

- *Allow Supplier-Defined Items* and *Supplier-Defined Item Categories* fields is added to the sourcing project header in *Manage Sourcing Projects* app.
- *Supplier-Defined Items* facet is available in the supplier quotation when the feature is enabled.
- *Linked Supplier-Defined Items* facet is added to purchaser-defined items to show associated supplier-defined items in *Manage Supplier Quotations (Sourcing Project)* app.
- *Supplier-Defined Investments* that specifies the total value of supplier-defined items is displayed on the purchaser-defined item.
- *Total Supplier-Defined Investments*that specifies the total value of supplier-defined items across quotation is displayed on the quotation header.
- A tool tip is displayed on purchaser-defined items in the quotation when one or more supplier-defined items are linked to them. The tool tip lists all associated supplier-defined item references.
- *Supplier-Defined Investments* and *Total Supplier-Defined Investments* fields for supplier-defined item costs is displayed in the quotation comparison at item and quotation header level.

Implementation Details

The following setup is required before suppliers can add supplier-defined items to a quotation:

1. A system administrator defines supplier-defined item categories and groups in Customizing under *Sourcing Project and Supplier Quotations* > *Supplier-Defined Items*.
2. In the sourcing project header, the sourcing manager enables *Allow Supplier-Defined Items* and selects which item categories suppliers are permitted to use.

Optionally, sourcing project type templates can be pre-configured to allow supplier-defined items and predefine the permitted categories, reducing manual effort during sourcing event creation.

The following validation rules apply:

- In draft state, a supplier-defined item without a link to at least one purchaser-defined item triggers a warning.
- At submission, a missing link causes a validation error that must be resolved before the quotation can be submitted.
- If the sourcing manager attempts to exclude a purchaser-defined item linked to a supplier-defined item, the system returns an error. The linkage must be removed from the supplier-defined item before the purchaser-defined item can be excluded from the sourcing event.

Authorizations

Role	Permissions
Supplier	Can create, edit, and delete their own supplier-defined items until the quotation is submitted.
Sourcing Manager	Can view supplier-defined items and their links to purchaser-defined items.

Supplier-defined items are assigned an item number automatically when created.

Customizing

The following IMG activities under *Sourcing Project and Supplier Quotations* > *Supplier Defined Items* have been added or updated:

- *Supplier-Defined Item Categories*: Defines customer-specific item categories available for selection in the sourcing project and quotation. Each category is assigned to an SAP-provided item classification. In the first release, only the Invest Item classification is supported.
- *Supplier-Defined Item Groups*: Defines groups to organize multiple supplier-defined item categories, helping suppliers structure and manage their categories more effectively.
- *Define Sourcing Project Types*: Updated with a new column to assign supplier-defined item groups to a sourcing project type.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4RD

Technical Object Name	App ID:
	`F4861`
	`F4861A`
	`F4862`
	`F4862A`
	`F4863`
	`F4863A`

Application Component	`MM-PUR-SRC-SP` (*Sourcing Project*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

11.1.4.7 Support for Split Allocations

Business Details

This feature enables you to select items from across multiple supplier quotations, and split the awarding among the included suppliers to optimize cost benefits. You can directly award the item allocations and create follow-on documents simplifying your workflow. You can initiate the split allocation process from either the *Manage Sourcing Projects* app or the *Compare Supplier Quotations* app, provided the included quotations are submitted and are not simulated.

The following changes are visible in the related apps for this feature:

- In the relevant sourcing project, the split allocations created from it are listed under the section *Allocation Proposals*. (You can directly award these allocation proposals based on your requirement.)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	4RD (Direct Material Sourcing)
Technical Object Name	App ID: `F4861`,
Application Component	`MM-PUR-SRC-SP` (*Sourcing Project*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Split Allocations
How to Work with Awarding Scenarios
Manage Supplier Quotations (Sourcing Project)

11.1.4.8 Objects Released for Developer Extensibility in Product Sourcing

With the objects released in product sourcing, 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
Interface	Cost Breakdown Template	`I_SUPLRCOSTBREAKDOWNTEMPLATETP`	New	With this business object, you can create, read, update, delete, generate and attach draft cost breakdown templates.

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.

11.1.4.9 Manage Purchasing Questionnaires

Business Details

This feature enables you to assign questionnaire templates to sourcing projects at the header and item level and define evaluation categories for the assigned templates.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`MM-PUR-QNR`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

SAP Ariba Sourcing and Procurement for Public Sector in S/4HANA

11.1.4.10 Translate Questionnaire Templates

Business Details

This feature enables you to do multilingual translation for questionnaire templates. Enables respondents to complete surveys in their preferred language from predefined options, improving accessibility and response rates.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicabe`
Application Component	`MM-PUR-QNR`

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

SAP Ariba Sourcing and Procurement for Public Sector in S/4HANA

11.1.4.11 Manage Questionnaire Template Parameters

Business Details

You can use this feature to maintain/configure questionnaire template parameters that define organizational values (Material Group, Company Code) to determine template relevance. It determines which questionnaire templates apply to specific organizational contexts, ensuring relevant assessments are used across your organization.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`MM-PUR-QNR`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

SAP Ariba Sourcing and Procurement for Public Sector in S/4HANA

11.1.4.12 Respond to Questionnaires

Business Details

This feature enables you to respond to questionnaire instances that are created for a responder in one of the languages defined for the questionnaire template.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`MM-PUR-QNR`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

SAP Ariba Sourcing and Procurement for Public Sector in S/4HANA

11.1.4.13 Manage Questionnaire Templates

Business Details

Template management app for creating and publishing questionnaires with predefined questions. Use this to standardize sourcing project questionnaires and streamline the assignment process across multiple projects.

> **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	`Not applicable`
Application Component	`MM-PUR-QNR`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

SAP Ariba Sourcing and Procurement for Public Sector in S/4HANA

11.2 Display and Restore Deleted Purchasing Info Records

Business Details

With this release, purchasing info records that have been flagged for deletion are now visible within the *Manage Purchasing Info Records* (F1982) app and can be restored directly. This eliminates the need to switch to SAP GUI transaction ME12, streamlining the process of reviewing and reversing deletions.

In the list of purchasing info records, a new status column displays a deletion indicator for records that are flagged for deletion. A trash can icon indicates that the entire info record is flagged for deletion. A *Cancel* icon indicates that only the specific purchasing organization or plant combination is flagged. You can hover over the icon to see the full status text.

Changes to the User Interface

When you select one or more deleted records in the list, a *Restore* button appears in the toolbar. The *Restore* button is only active when all selected records are deleted. The *Delete* button is disabled when any selected record is already flagged for deletion.

When you open a deleted purchasing info record, the header displays a red *Flagged for Deletion* indicator. The *Edit* and *Delete* buttons are hidden, and a *Restore* button appears instead. After you restore the record, the deletion indicator disappears and the *Edit* and *Delete* buttons become available again.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID`F1982`
Application Component	`MM-FIO-PUR-IR` (*Fiori UI for Manage Info Records*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

11.3 Automatic Adjustment of Previous Condition Validity Period

Business Details

With this release, when you create a new pricing condition period for a purchasing info record, the system automatically adjusts the *Valid To* date of the previous condition period to the day before the new period begins.

Previously, you had to adjust the end date of the previous condition period manually before saving. If you forgot to do this, the system displayed an overlap validation error and blocked the save.

The adjustment happens immediately and is visible in the conditions table before you save.

If you change the *Valid From* date of the new condition period, the predecessor's *Valid To* date adjusts again to reflect the new start date.

The automatic adjustment applies to conditions of the same condition type. Conditions of different types are not affected.

Restrictions

The automatic adjustment is not supported in the following situations. In these cases, you must adjust the validity dates manually:

- Multiple new rows are created at the same time with the same start date (for example, the default date): the system can't determine which row should be the predecessor.
- When you create a new row with a start date that's earlier than an existing row's start date, the system cannot determine the intended validity period arrangement.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID`F1982`
Application Component	`MM-FIO-PUR-IR` (*Fiori UI for Manage Info Records*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

11.4 Operational Procurement

11.4.1 Requirements Processing

11.4.1.1 Support of Advanced Purchase Order Scenarios in Process Purchase Requisitions (V2)

Business Details

With this release, when you create a purchase order for a purchase requisition with advanced fields from the Process Purchase Requisition (V2) app, the system automatically navigates you to the Create Purchase Order – Advanced app.

This behavior applies to purchase requisitions such as stock transfer purchase requisitions (item category **U**), sales order purchase requisitions, service order purchase requisitions, and other purchase requisitions that require advanced processing. A message is displayed with simulation check performed for **Manage Purchase Orders**, then the purchase order is automatically created and you are navigated to the **Create Purchase Order - Advanced** app for further processing

Technical Details

Type	Changed
Functional Localization	No localization

Scope Item	18J (Requisitioning)
Technical Object Name	App ID: `F1048A`
Application Component	`MM-FIO-PUR-REQ-SOC` (*Fiori UI for Sourcing Purchase Requisitions*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Process Purchase Requisitions (V2)
Create Purchase Order - Advanced (ME21N, ME22N, ME23N)

11.4.1.2 Use Contract for Limit as a Source of Supply for Purchase Requisitions

Business Details

With this feature, you can assign or unassign a contract for limit and contract item as the source of supply for **enhanced limit** purchase requisition items with the service product type. This enables the system to derive the fixed supplier from the referenced contract, while clearing the option removes the fixed supplier.

This capability is introduced across other channels used to create, change, and display purchase requisitions, ensuring consistent behavior across all supported interfaces:

- **Fiori Apps**: In the *Process Purchase Requisitions (V2)* and *Manage Purchase Requisitions – Professional*.
- **SAP GUI transactions**: *ME51N*, *ME52N*, and *ME53N*.
- **Purchase Requisition BAPIs**: `BAPI_PR_CREATE`, `BAPI_PR_CHANGE`, and `BAPI_PR_GETDETAIL`.
- **OData V4 API**: A new field, *PurContrIsSourceOfSupply*, is available on the *PurchaseRequisitionItem* entity of the purchase requisition OData V4 API (`api_purchaserequisition_2`).

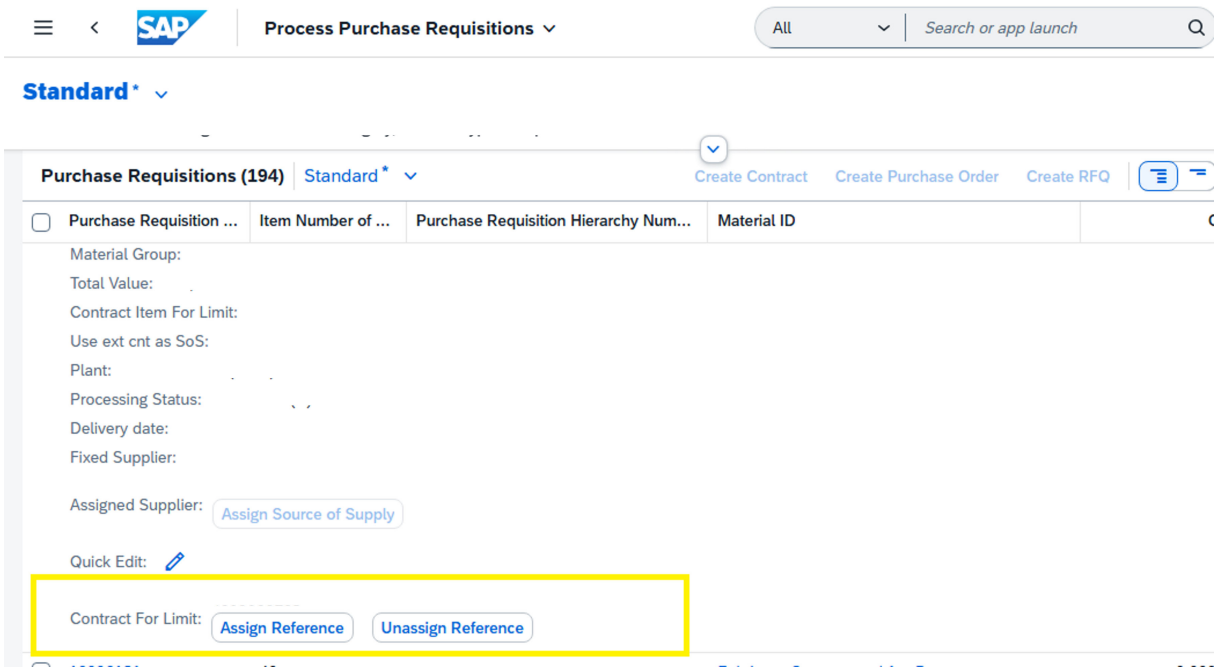
The field is enabled only when a value is specified in the **Contract for Limit** field. When you select **Use Contract for Limit as Source of Supply**, the system derives the fixed supplier from the referenced contract during purchase requisition creation or update. If you clear the field, the system removes the fixed supplier from the purchase requisition.

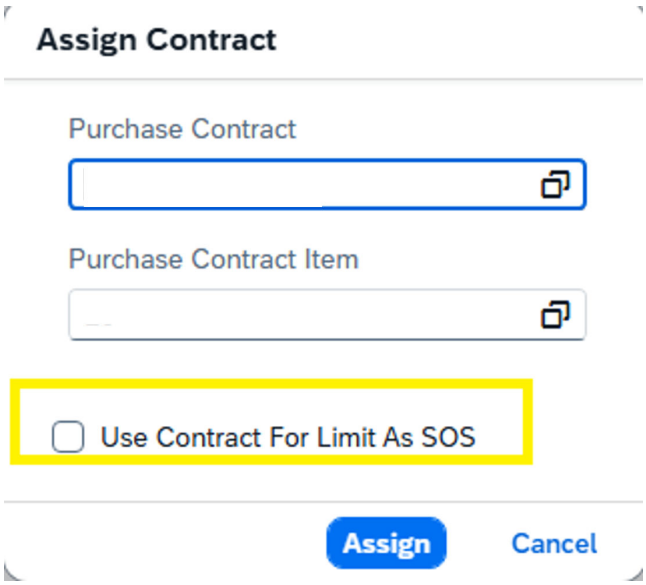
> **Note**
>
> Selecting this checkbox also ensures that, when the purchase requisition is converted into a purchase order, the system copies the relevant attributes from contract to the PO. For more information, see Use Contracts as Source of Supply for Limit Items in the Purchase Order [page 583]

Examples of the User Interface

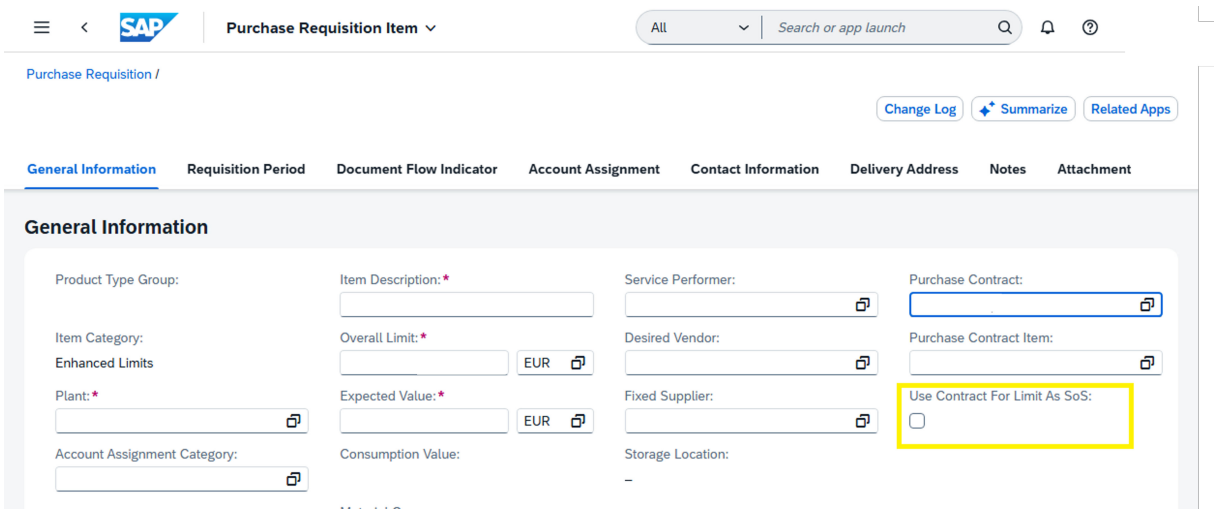
> **Note**
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

Process Purchase Requisitions (V2)

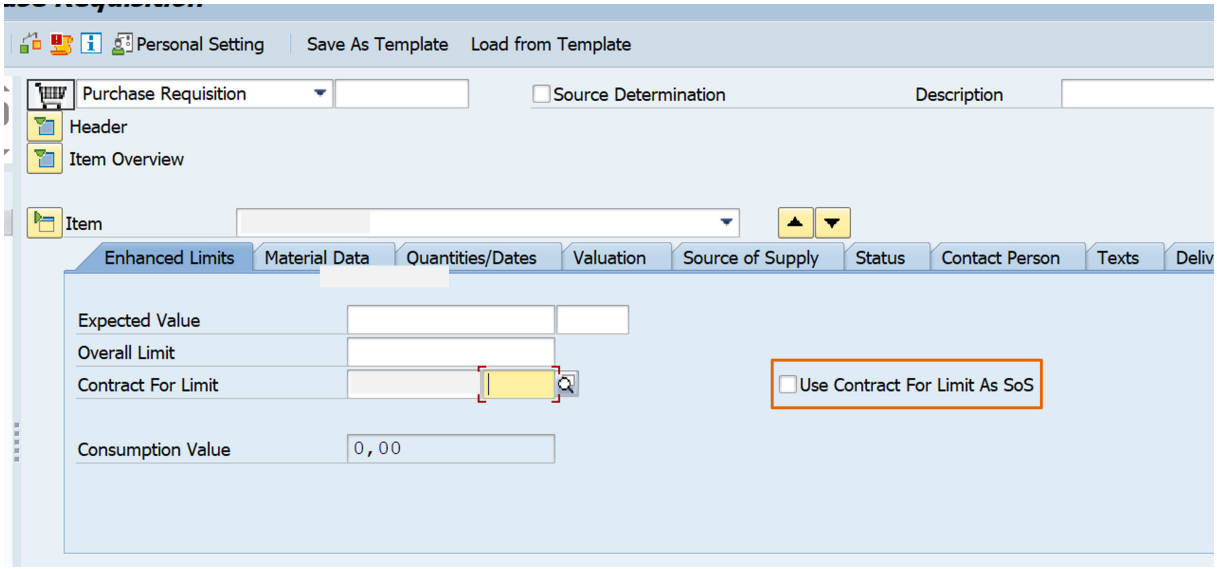




Manage Purchase Requisitions - Professional



SAP GUI Userinterface



Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F1048A`
	`F2229`
	Transactions:
	`ME51N`
	`ME52N`
	`ME53N`
	APIs:
	`API_PURCHASEREQUISITION_2`
	BAPI:
	`BAPI_PR_CREATE`
	`BAPI_PR_CHANGE`
	`BAPI_PR_GETDETAIL`

Application Component	`MM-PUR-REQ` (*Purchase Requisitions*) `MM-FIO-PUR-REQ-SOC` (*Process Purchase Requisitions*) `MM-FIO-PUR-REQ-PRF` (*Manage Purchase Requisitions - Professional*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Manage Purchase Requisitions - Professional
Process Purchase Requisitions (V2)

11.4.1.3 Validation of Purchase Requisition Dates Against Contract Dates in Manage Purchase Requisitions - Professional App

Business Details

With this feature, the system validates the start and end dates of enhanced limit purchase requisition items with the service product type against the referenced contract for limit. If the purchase requisition dates fall outside the contract validity period, the system issues configurable warning or error messages.

The validation is available in the following applications:

- Create Purchase Requisition (ME51N)
- Change Purchase Requisition (ME52N)
- Manage Purchase Requisitions – Professional (F2229)

For enhanced limit purchase requisition items with the service product type that reference a **Contract for Limit**, the system performs the following checks:

- If the purchase requisition start date is earlier than the contract start date.
- If the purchase requisition end date is later than the contract end date.

Implementation Details

Customizing

You can configure the message type for message class **MM_PUR_REQN** in Customizing under: *Materials Management* > *Purchasing* > *Environment Data* > *Define Attributes of System Messages*

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	18J (Requisitioning)
Technical Object Name	App ID: `F2229`
Application Component	`MM-FIO-PUR-REQ-PRF` (*Manage Purchase Requisitions - Professional*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Manage Purchase Requisitions - Professional

11.4.1.4 Enable Natural Language Search for Purchase Requisitions

Business Details

With this feature, you can search for purchase requisitions in the SAP Fiori launchpad using natural language. This simplifies the search experience and helps you find relevant purchase requisitions more efficiently. It enables you to enter conversational search queries in the SAP Fiori launchpad instead of relying on predefined search criteria. The system interprets the query and returns the relevant purchase requisitions based on your business role and authorizations.

You can refine your search by combining multiple filter criteria, such as Purchase Requisition, Purchase Requisition Item, Item Short Text, Material, Material Description,, Material Group, Plant, MRP Area, Purchasing Organization, Purchasing Group, Controlling Area, Business Area, Cost Center, Profit Center, Network Name, Project Name / WBS, Delivery Date, Created On, Purchase Contract, or Created By

This enables you to perform more targeted searches and quickly locate the required purchase requisitions.

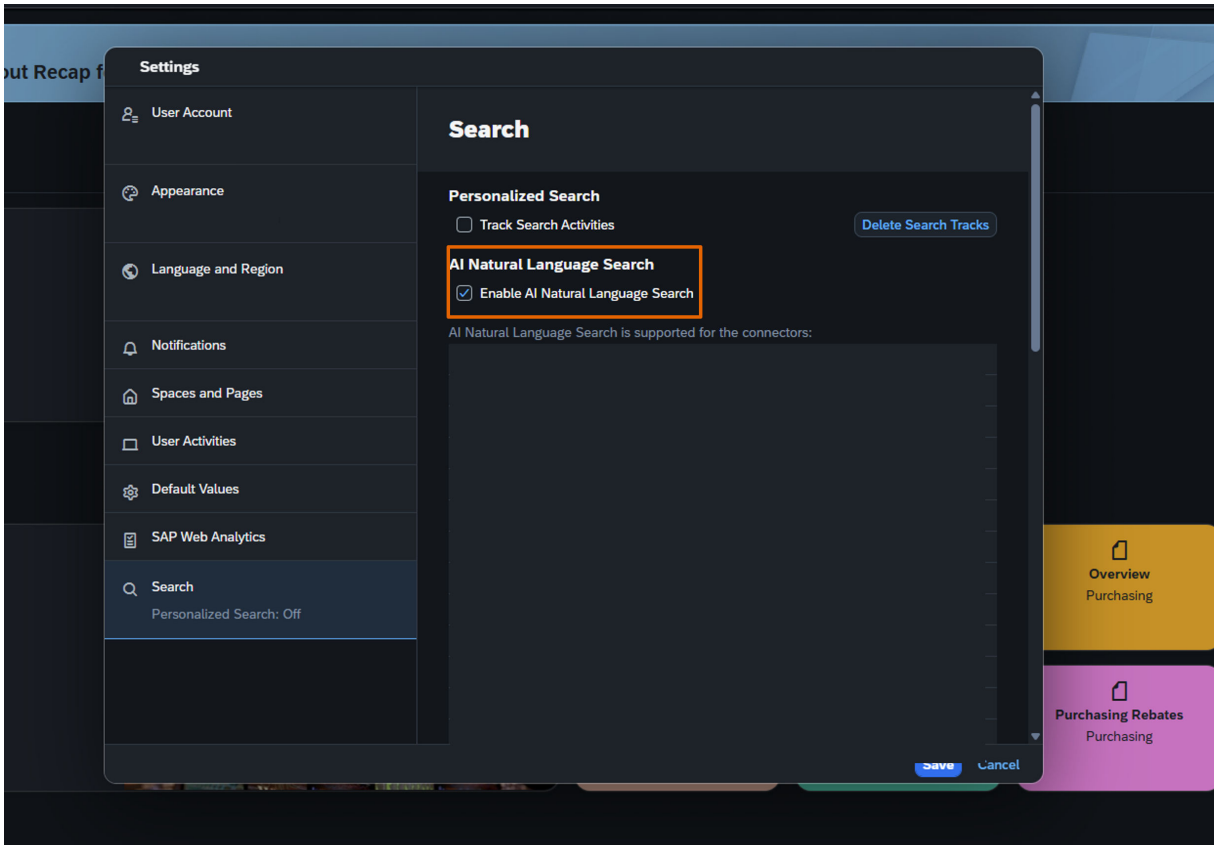
Example

You can search using queries such as:

- *Show purchase requisitions with status Open and plant 1010.*
- *Show urgent purchase requisitions created last week for cost center 1000.*

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	`SH_S_PURCHASE_REQ`
Application Component	`MM-PUR-REQ` (*Purchase Requisitions*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

11.4.2 Navigation from Purchase Order History to Lean Service Entry Sheet

Business Details

This feature lets you navigate from the purchase order history in transaction ME21N or in the SAP Fiori apps *Display Purchase Order - Advanced* and *Create Purchase Order - Advanced* directly to a lean service entry sheet document. When you click a lean service entry sheet document, the system then opens the *Manage Service Entry Sheets* SAP Fiori app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: Transaction: `ME21N`
Application Component	`MM-PUR-PO-GUI` (*Userinterface - Purchase Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

11.4.3 Use Contracts as Source of Supply for Limit Items in the Purchase Order

Business Details

With this feature, you can use a contract as source of supply for limit items.

Maintain the contract on the *Enhanced Limit* tab and enable the **Use contract for Limit as SOS** checkbox

This feature is also available in the Fiori app *Manage Purchase Order*. Maintain the contract on the *Limits* tab. You can also use this feature in the *Purchase Order (OData V4)* API.

The following fields are copied to the purchase order header:

- Supplier
- Payment Terms

- Contract Texts

The following fields are copied to the purchase order item:

- Confirmation Key
- Evaluated Receipt Settlement (ERS)
- Goods Receipt-Based Invoice Verification

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Transaction: `ME21N` App ID: `F0842A` API: `API_PURCHASEORDER_2`
Application Component	`MM-PUR-PO-GUI` (*Userinterface - Purchase Orders*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

11.4.4 Scheduling Agreement as Reference Document in the Manage Supplier Confirmations app

Business Details

This feature now extends the *Manage Supplier Confirmations* Fiori app to support scheduling agreements as reference documents. Suppliers can now confirm delivery quantities, dates, and pricing against scheduling agreement schedule lines.

The reference document replaces the purchase order field and, at item level, the reference document item field replaces the purchase order item field in the app.

The scheduling agreement confirmation is also available through the OData V4 API (Communication Scenario SAP_COM_0904) to:

- Create confirmations that reference a scheduling agreement.
- Perform full CRUD operations at the header, item, and line levels.
- Use external reference fields to enable inbound tracking from supplier portals.

- In the OData channel, the fields are replaced as follows (but the old fields can still be used for purchase orders only):

Header Level:	SuplrConfRefPurchaseOrder →	SuplrConfReferenceDocument
Item Level:	SuplrConfRefPurchaseOrderItem →	SuplrConfReferenceDocumentItem
Line Level:	ConfirmedQuantity, PurchaseOrderQuantityUnit →	SuplrConfConfirmedQuantity, SuplrConfirmationQuantityUnit

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID:`F5039`
Application Component	`MM-PUR` (*Purchasing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Supplier Confirmations

11.4.5 New Email Notification Template in Workflow 'Release Purchase Scheduling Agreement'

Business Details

This feature enables you to use a 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 template is MM_PUR_SCHD_AGRMT_OVRD_EMAIL:

This email notification informs the creator of the purchase scheduling agreement that the approval/rejection of a purchase scheduling agreement is overdue.

To use this functionality, you need to copy the pre-delivered template into a new template named ZZ1_MM_PUR_SCHD_AGRMT_OVRD. 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 FPS02

Related Information

Flexible Workflow for Purchase Scheduling Agreements

11.4.6 International Trade Fields in Contract and Scheduling Agreement BAPIs

Business Details

The following BAPIs for contracts and scheduling agreements now include new fields from International Trade Management:

- BAPI_SAG_CREATE
- BAPI_SAG_CHANGE
- BAPI_SAG_GETDETAIL
- BAPI_CONTRACT_CREATE
- BAPI_CONTRACT_CHANGE

- BAPI_CONTRACT_GETDETAIL

The following are the new fields:

- EMBARGO_STATUS
- SCREENING_STATUS
- LEGAL_CONTROL_STATUS

> **Note**
>
> The fields are read-only when using BAPIs. You can't transfer the fields from external sources through the BAPI interfaces.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`MM-PUR-OA-SCH` (*Scheduling Agreement*) `MM-PUR-OA-CON` (*Contract*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

11.4.7 Service Purchasing and Recording

11.4.7.1 Custom Field Conversion from MM-SRV Service Master to Lean Service Product Master

Business Details

This feature enables you to migrate custom fields from MM-SRV service masters to the corresponding Lean Service Product master data. The Business Add-In (BAdI) enables you to implement customer-specific mapping logic to preserve custom field values during migration.

The BAdI `MMSRV_SRVMST_CF_CONV` provides an extension point that allows you to define how custom fields from MM-SRV service masters are mapped to the corresponding Lean Service Product master data during migration.

By implementing the BAdI, you can define customer-specific mapping logic to ensure that custom field values are migrated according to your business requirements, helping preserve custom data in the target Lean Service Product master data.

> **Note**
>
> If no active BAdI implementation is available, the system skips the custom field migration process. No error, warning, or informational message is displayed, and processing continues without migrating custom fields.

Implementation Details

No default implementation is provided for the BAdI. Instead, a sample implementation is delivered as a reference that you can use to create your own BAdI implementation.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8759` (*Schedule Service Master Conversions*) BAdI Enhancement Spot: `MMSRV_SRVMST_CF_CONV`
Application Component	`MM-SRV` (*Service*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Schedule Service Master Conversions

11.4.7.2 Custom Field Conversion from MM-SRV Purchase Orders and Contracts to Lean Documents

Business Details

With this feature, you can migrate custom fields from MM-SRV purchase orders and purchase contracts to the corresponding Lean purchase orders and Lean contracts. The Business Add-In (BAdI) enables you to define the mapping of custom fields, helping preserve customer-specific data during migration.

The BAdI `MMSRV_PURGDOC_CF_CNV` provides an extension point for defining the mapping of custom fields from MM-SRV purchase orders and purchase contracts to the corresponding Lean purchase orders and Lean contracts during migration.

You can implement the BAdI to define how custom fields in the source documents are mapped to the corresponding fields in the target Lean documents, allowing you to support customer-specific business requirements.

> **Note**
>
> If no active BAdI implementation is available, the system skips the custom field migration process. No error, warning, or informational message is displayed, and processing continues without migrating custom fields.

Implementation Details

No default implementation is provided for the BAdI. Instead, a sample implementation is delivered as a reference that you can use to create your own BAdI implementation.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8760` (*Schedule Purchase Order Conversions*) App ID: `F8761` (*Schedule Purchase Contract Conversions*) BAdI Enhancement Spot: `MMSRV_PURGDOC_CF_CNV`
Application Component	`MM-SRV` (*Service*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS02

Related Information

Schedule Purchase Contract Conversions
Schedule Purchase Order Conversions

11.4.7.3 Navigation to an External Document Management System from the Attachment Service

Business Details

With this feature, you can now navigate from the Attachment Service to an External Document Management System.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F2027` API: `API_SERVICEENTRYSHEET`
Application Component	`MM-PUR-SVC-SES` (*Manage Service Entry Sheets - Lean Services*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Service Entry Sheet
Manage Service Entry Sheets - Lean Services

11.4.7.4 Sequential Distribution for E-Limit Purchase Order Items with Multiple Account Assignments

Business Details

With this feature, you can distribute Lean Service Entry Sheet (SES) costs sequentially for E-Limit purchase order items with multiple account assignments by setting the **Partial Invoice Indicator** to **Distribute in Sequence**. The system fully consumes one account assignment before posting costs to the next, ensuring predictable cost allocation across multiple account assignments. When sequential distribution is enabled, the system allocates Lean SES costs based on the remaining available amount of each account assignment. The system considers amounts that have already been consumed to determine the next account assignment for cost allocation.

The system fully consumes the current account assignment before continuing with the next one. When processing subsequent service entry sheets, the system considers quantities or amounts that have already been posted to determine the next account assignment for cost allocation.

Example

Consider a purchase order item with two account assignments:

- **Account Assignment A:** Remaining available amount = 5,000
- **Account Assignment B:** Remaining available amount = 10,000

The Indicator **Distribute in Sequence** is set on the PO item.

When a service entry sheet (SES) for **4,000** is created, the full amount is posted to **Account Assignment A**, leaving a remaining available amount of **1,000**.

When a subsequent SES for **3,000** is created, the system first posts the remaining **1,000** to **Account Assignment A** . After Account Assignment A is fully consumed, the remaining **2,000** is posted to **Account Assignment B** .

A later SES continues the sequential distribution by posting to **Account Assignment B** until its available amount is consumed.

> ⓘ Note
>
> If you manually change the account assignment values while editing a Lean Service Entry Sheet (SES), the system treats that SES as a manual distribution scenario and does not apply automatic sequential distribution to that document. In this case, you can allocate an amount that exceeds the remaining available amount of a purchase order (PO) account assignment line. Such overconsumption is allowed as part of the manual distribution process.
>
> For subsequent Lean SESs, the overconsumed account assignment line is treated as fully consumed, and the system continues to propose sequential distribution based on the purchase order, starting with the next available account assignment line.

In **display mode**, only account assignment lines with consumed amounts in the service entry sheet are displayed. The Distribution (%) column in account assignment tab displays a value of 0. However, in **edit**

mode, all account assignment lines from the referenced purchase order are displayed, allowing users to adjust the amount to be consumed in the current Service Entry Sheet for each account assignment line. The Distribution (%) column in account assignment tab is displayed as blank.

> **Note**
>
> Sequential distribution is supported for Lean SES created through supported channels, including the **Manage Service Entry Sheets – Lean Services (F2027)** app, standard Lean SES APIs, and integration flows that use the standard proposal logic. Custom integrations that bypass the standard proposal logic might exhibit different behavior.

Implementation Details

Sequential distribution is applied when all of the following prerequisites are met:

- The purchase order item is an Enhanced Limit (E-Limit) service item.
- The purchase order item has multiple account assignments.
- The purchase order item's distribution indicator is set to **Distribute in Sequence**.

No additional IMG configuration is required beyond setting the **Distribute in Sequence** distribution indicator for purchase order items with multiple account assignments.

The distribution proposed in the Lean SES can either be as proposed (automatic sequential distribution) or adjusted (manual distribution for that specific Lean SES only).

Effects on Existing Data

- Existing purchase orders and already posted documents are not affected.
- If you change the distribution indicator for an existing purchase order item, the new behavior applies only to subsequently created Lean SES. It is not applied retroactively.

Technical Details

Type	Changed
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 Sheet for Service Procurement*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS02

Related Information

Manage Service Entry Sheets - Lean Services
Account Assignment in Service Entry Sheets - Lean Services
Sequential Distribution for Multi-Account E-Limit Items [page 610]

11.4.8 Special Business Processes in Operational Procurement

11.4.8.1 Editability of Intercompany Purchase Order in Advanced Intercompany Sales Scenarios

Business Details

This feature enables you to edit select fields in intercompany purchase order that is automatically created for **Advanced Intercompany Sales** scenarios. You can now update specific fields that were previously non-editable, including

- Incoterms, including locations at both header and item levels
- Payment Terms
- Tax departure country and tax destination country
- Net weight and gross weight, along with their corresponding units of weight
- Volume, along with its corresponding unit of volume

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	5D2 (Advanced Intercompany Sales)
Technical Object Name	Not applicable
Application Component	SD-SLS (*Sales*)

Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Advanced Intercompany Sales

11.4.8.2 Editability of Intercompany Purchase Orders in Multistage Intercompany Stock Transfer Scenarios

Business Details

This feature enables you to edit select fields in intercompany purchase orders that are automatically created for *Multistage Intercompany Stock Transfer* scenarios.

You can now update the following fields in the intercompany purchase orders in both receiving and intermediate companies:

- Incoterms, including locations at both header and item levels
- Payment Terms
- Tax departure country and tax destination country
- Net weight and gross weight, along with their corresponding units of weight
- Volume, along with its corresponding unit of volume

Technical Details

Type	New
Functional Localization	No localization
Scope Item	7YZ (Multistage Intercompany Stock Transfer)
Technical Object Name	`Not applicable`
Application Component	`MM-PUR-PO-IC` (*Purchase Orders Intercompany Processes*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Multistage Intercompany Stock Transfer

11.4.8.3 Reinstate Deleted Intercompany Purchase Order Items After Deletion Reversal

Business Details

With this feature, when changes to an initiating document item in **Advanced Intercompany Sales** or **Multistage Intercompany Processes** cause the corresponding intercompany purchase order item to be marked for deletion and those changes are subsequently reversed, the system reinstates the same intercompany purchase order item.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	5D2 (Advanced Intercompany Sales) 7YY (Multistage Intercompany Sales) 7YZ (Multistage Intercompany Stock Transfer)
Technical Object Name	`Not applicable`
Application Component	`MM-PUR-PO-IC` (*Purchase Orders Intercompany Processes*) `SD-SLS` (*Sales*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Advanced Intercompany Sales
Multistage Intercompany Sales
Multistage Intercompany Stock Transfer

11.4.8.4 Invoice Verification in Multistage Intercompany Processes

Business Details

With this feature, invoice verification in Sourcing and Procurement validates intercompany supplier invoices for multistage intercompany business processes, improving the processing of intercompany supplier invoices.

The system creates intercompany supplier invoices using standard business-to-business integration mechanisms. We support the following additional mechanisms to create/reverse/delete intercompany supplier invoices:

- A2A Create: https://api.sap.com/api/SUPPLIERINVOICES4REQUEST_IN/overview
- A2A Reverse: https://api.sap.com/api/SUPLRINVCCANCLNS4REQUEST_IN/overview
- A2X Create: https://api.sap.com/api/ECC_SUPLRINVCERPCRTRC/overview
- ODATA Create/Reverse/Delete: Overview | Supplier Invoice | SAP Business Accelerator Hub

SAP Document and Reporting Compliance (DRC) - the UBL format (currently limited to German e-invoices only) is also supported in addition to the CII format previously supported. For more information, see SAP Document and Reporting Compliance, Cloud Edition | SAP Help Portal | SAP Help Portal and Integrating Peppol Exchange with SAP S/4HANA or SAP S/4HANA Cloud Private Edition | SAP Help Portal.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7YZ (Multistage Intercompany Stock Transfer) 7YY (Multistage Intercompany Sales)
Technical Object Name	Not applicable
Application Component	`MM-IV-LIV-IC` (*Intercompany Processes*) `SD-SLS` (*Sales*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Invoice Verification in Multistage Intercompany Processes

11.4.8.4.1 Integration of Invoice Deletion and Cancellation with Value Chain Monitor

Business Details

This feature ensures that the invoice processing status in the *Value Chain Monitor* app is updated when an erroneous supplier invoice is deleted using the **MIR4** transaction. Similarly, the status is also updated when a supplier invoice is cancelled using the MR8M transaction.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7YY (Multistage Intercompany Sales) 7YZ (Multistage Intercompany Stock Transfer)
Technical Object Name	Not applicable
Application Component	`SD-SLS` (*Sales*) `MM-IV-LIV-IC` (*Intercompany Processes*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

11.4.8.4.2 Planned Execution Date for Value Chain Monitor Step

Business Details

With this feature, the planned execution date per supplier invoice item is validated, displayed and available for filter in the Monitor Value Chains application.

For the supplier invoice item, the planned execution date is 90 days from the corresponding goods receipt item posting date.

For additional information, refer 3722668 - VCM Feature: Expected / Planned Execution Date for External Steps - SAP for Me

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	7YY (Multistage Intercompany Sales) 7YZ (Multistage Intercompany Stock Transfer)
Technical Object Name	`Not applicable`
Application Component	`MM-IV-LIV-IC` (*Intercompany Processes*) `SD-SLS` (*Sales*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Multistage Intercompany Sales
Multistage Intercompany Stock Transfer
Value Chain Monitoring

11.5 Central Procurement

11.5.1 Central Requisitioning

11.5.1.1 Use Contract Limit as Source of Supply in My Purchase Requisitions (New) App

Business Details

With this feature, you can now assign or unassign the contract reference to the limit items in **My Purchase Requisitions (New) App**.

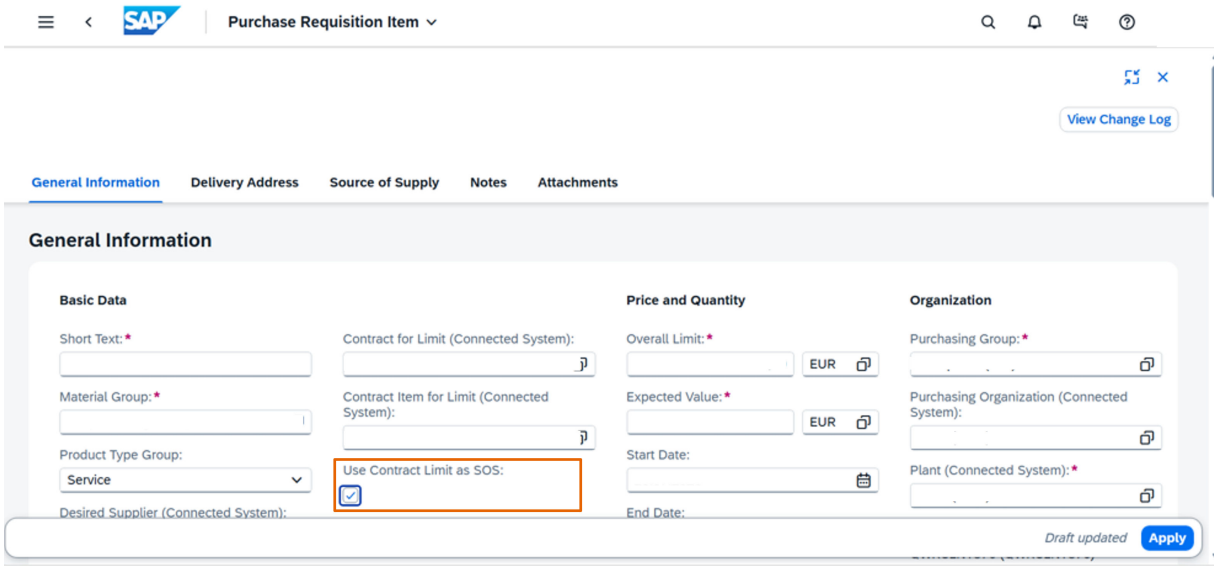
The field is enabled only when a value is specified in the **Contract for Limit** field. When you select **Use Contract for Limit as Source of Supply**, the system derives the fixed supplier from the referenced contract during purchase requisition creation or update. If you clear the field, the system removes the fixed supplier from the purchase requisition.

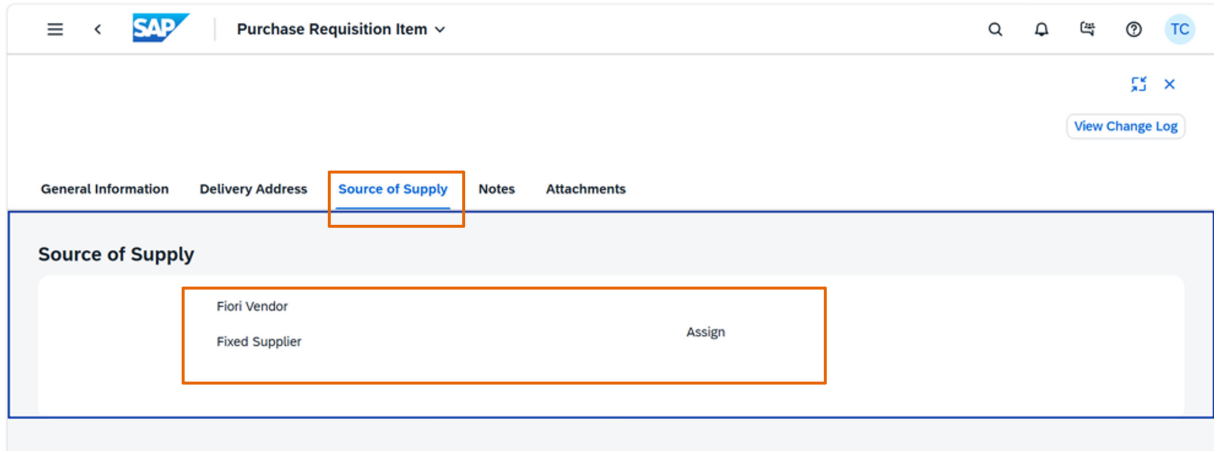
> **Note**
>
> Selecting this checkbox also ensures that, when the purchase requisition is converted into a purchase order, the system copies the relevant attributes from contract to the PO. For more information, see Use Contracts as Source of Supply for Limit Items in the Purchase Order [page 583]

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.

My Purchase Requisitions (New) App





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 FPS02

Related Information

My Purchase Requisitions - New

11.5.1.2 Automatic Purchase Order Creation for Central Purchase Requisition with Enhanced Limit Items

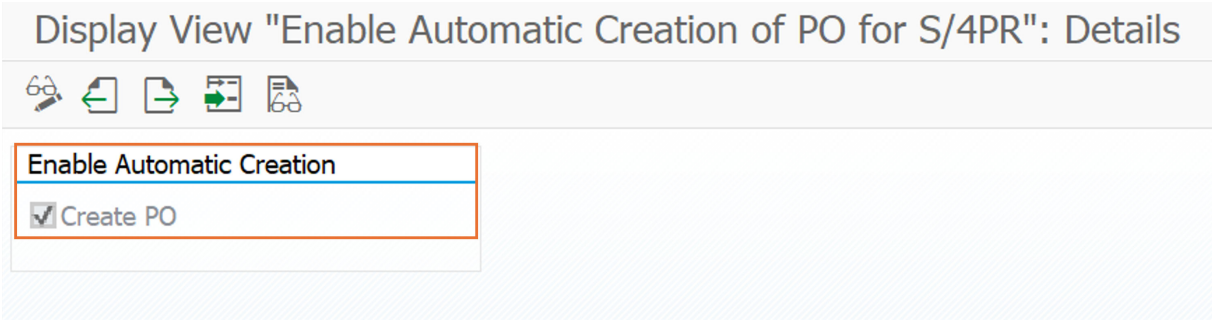
Business Details

With this release, the system can automatically convert a replicated purchase requisition (PR) with an enhanced limit item into a purchase order (PO) when automatic purchase order creation is enabled.

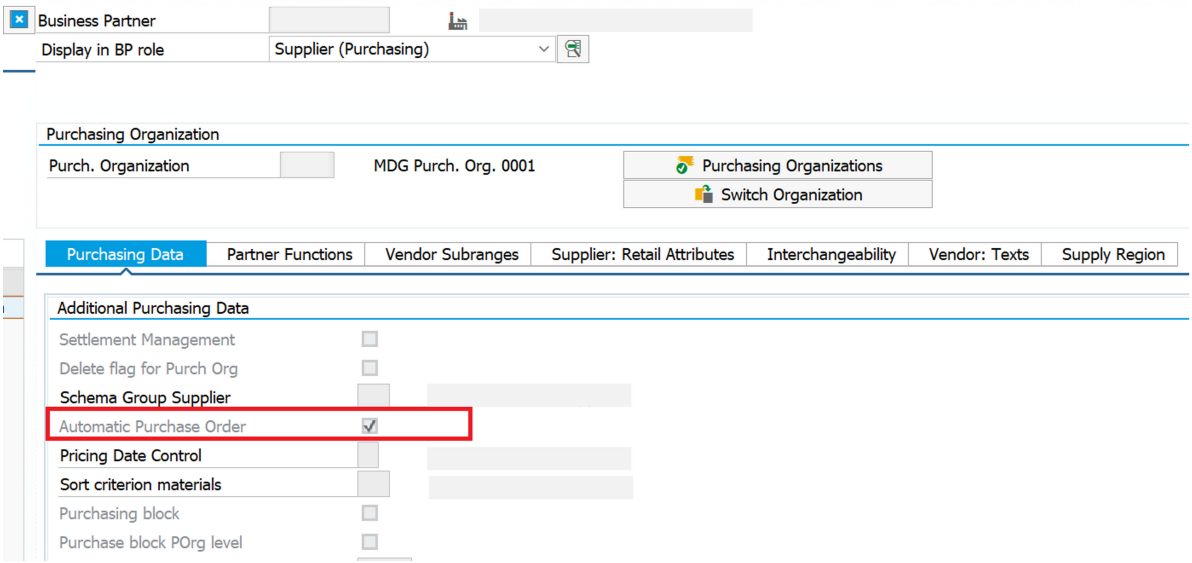
Examples of the User Interface

> **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.

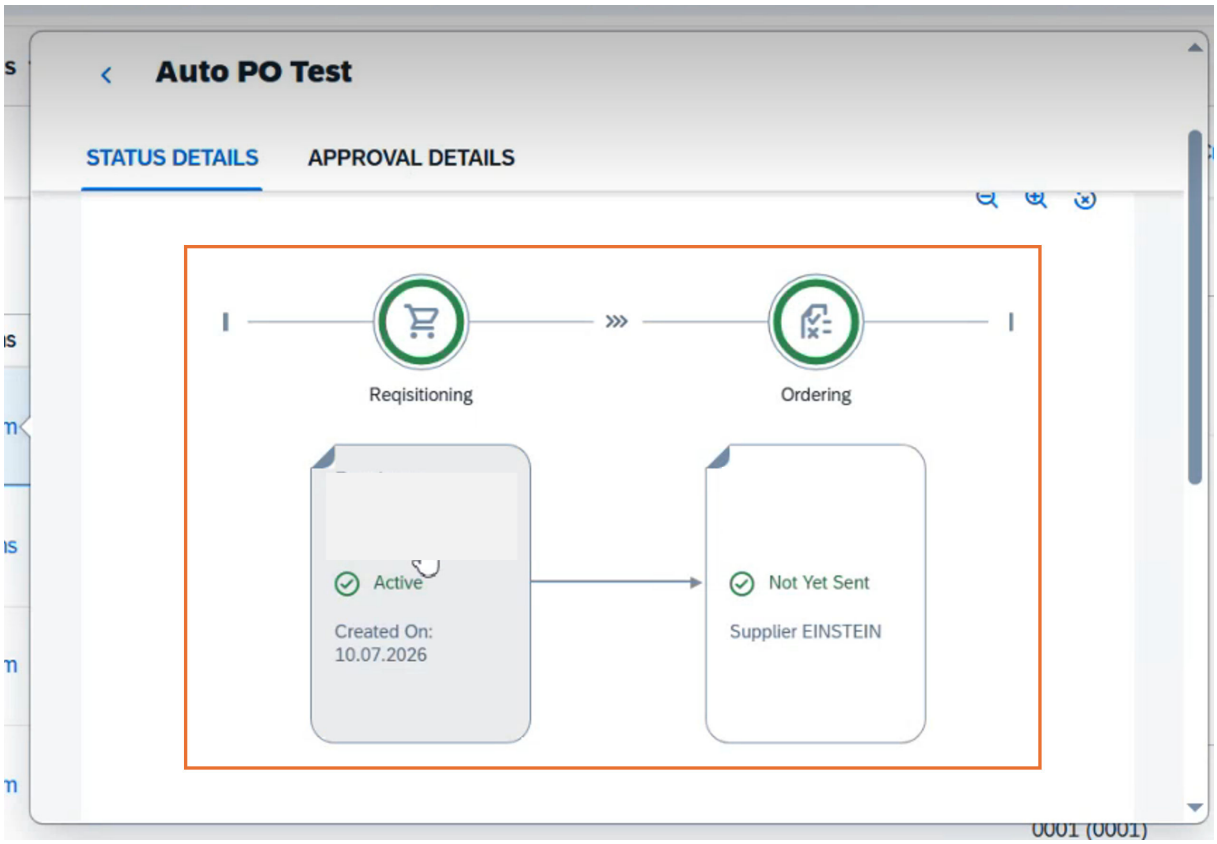
Before enabling automatic purchase order creation, make sure that the required customization has been completed in the connected system. Then, select the Create PO checkbox to enable automatic purchase order creation.



The Automatic Purchase Order checkbox must be selected for the supplier used to create the purchase requisition (PR).



View the status of the automatically created purchase order.



Implementation Details

Customizing

To enable automatic purchase order configuration, you can use the following customizing activity:

Material Management > *Purchasing* > *Purchase Order* > *Enable Automatic Creation of PO from Replicated Central PR*

> **Note**
>
> The required customization must be performed in the connected system.

Technical Details

Type	Changed
Functional Localization	No localization

Scope Item	18J (Requisitioning), 1XI (Central Requisitioning)
Technical Object Name	App ID: `F1639A`
Application Component	`MM-FIO-PUR-REQ-SSP` (*Self-Service Procurement*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

My Purchase Requisitions - New

11.5.1.3 Synchronization of Enhanced Limit Items for Replicated Purchase Requisitions

Business Details

With this feature, changes made to **enhanced limit** items in replicated purchase requisitions are synchronized from the connected system to the HUB system. This helps keep enhanced limit item data consistent across both systems.

When a central purchase requisition containing enhanced limit items is created and approved in the HUB system, it is replicated to the connected system. You can now synchronize changes made to replicated enhanced limit items in the connected system back to the HUB system, ensuring that both systems remain consistent.

The synchronization supports the following fields for enhanced limit items:

- Expected Value
- Limit Amount
- Currency Code
- Start Date
- End Date
- Contract for Limit ('Service' product type only)
- Contract Item for Limit ('Service' product type only)
- Use Contract for Limit as Source of Supply ('Service' product type only)

> **Note**
>
> When a replicated purchase requisition is updated with **Contract for Limit** and **Use Contract for Limit as Source of Supply**, the update fails in the hub system. To resolve this issue, implement https://me.sap.com/notes/3789244/E.

The note should be implemented in the connected system (SAP S/4HANA Cloud Private Edition 2025 onwards).

Implementation Details

Prerequisites

This feature is supported only when both the HUB system and the connected system are **SAP S/4HANA Cloud Private Edition** systems. It is not supported if the connected system is **SAP ECC** or **SAP S/4HANA Cloud Public Edition**, or if the HUB system is **SAP S/4HANA Cloud Public Edition**.

> **Note**
>
> You also need to activate the business switch `MM_PUR_CPR_UPDT_ENHCD_LMT` in the connected system.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1XI (Central Requisitioning), 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
Valid as Of	2025 FPS02

Related Information

My Purchase Requisitions - New

11.5.2 Central Purchase Contracts

11.5.2.1 Change Log for Version Management in Central Purchase Contracts

Business Details

With this release, you can now view and compare modified values of central purchase contract fields to previous values when version management is enabled using the button *Change Log* in the *Manage Central Purchase Contracts* app.

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 Purchase Contracts*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Version Management in Central Purchase Contract

11.5.2.2 Change Log for Pricing Conditions in Central Purchase Contracts

Business Details

With this release, you can now view and compare modified values of central purchase contract fields to the previous values for pricing conditions at the item level using the button *Change Log* in the *Manage Central Purchase Contracts* app.

> **Note**
>
> The **Change Log** is not applicable for pricing conditions at header level and pricing scales for both header and item of a central purchase contract.

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 Purchase Contracts*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Central Purchase Contract
Conditions in Central Purchase Contract

11.5.2.3 Partner Function in the Distributed Outline Agreement Facet for Central Purchase Contracts

Business Details

With this feature, you can view and maintain partner details in the Distributed Outline Agreement facet when the partner function is configured as a custom split criteria. After a central purchase contract is released and distributed, partner details are displayed in the Distributed Outline Agreement facet and any changes made to the partner details are synchronized with the corresponding item distribution partners.

In addition, the **Distribution Not In-Sync** indicator shows when changes to partner details or other distribution data cause the header-level distribution and the corresponding item-level distribution to become inconsistent

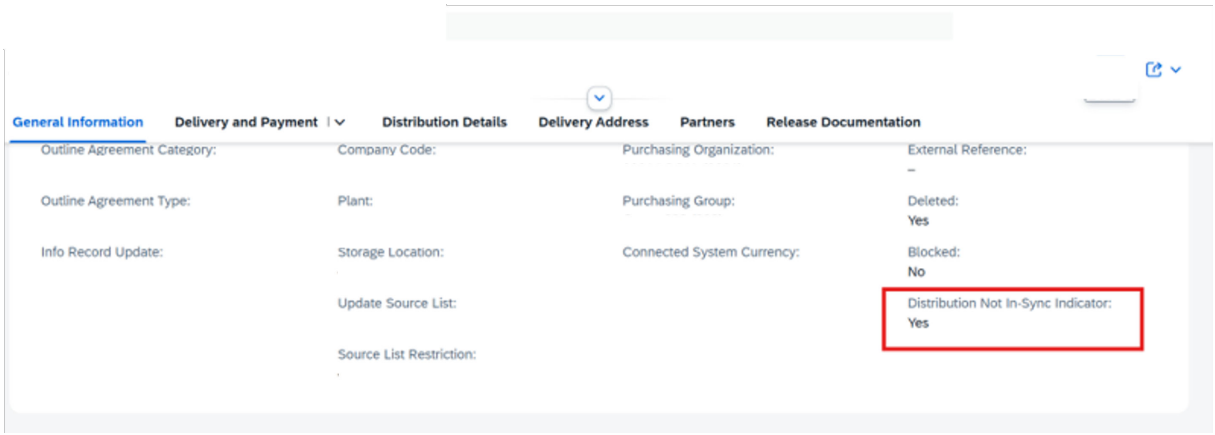
> **Note**
>
> If the partner function `PARVW` is configured as an editable field for outline agreements in the connected system using the **Maintain Fields for Editability of Purchase Outline Agreements** configuration in the

hub system, partner details can be modified only in the corresponding outline agreement in the connected system. In this case, partner changes made in the connected system are not updated through the Central Purchase Contract.

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 below use case involves a header distribution line.



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 Purchase Contracts*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Custom Split Criteria - Central Purchase Contract

11.5.3 Central Purchasing

11.5.3.1 Assign/ Unassign Contract Reference to Limit Items for Centrally Managed Purchase Requisitions

Business Details

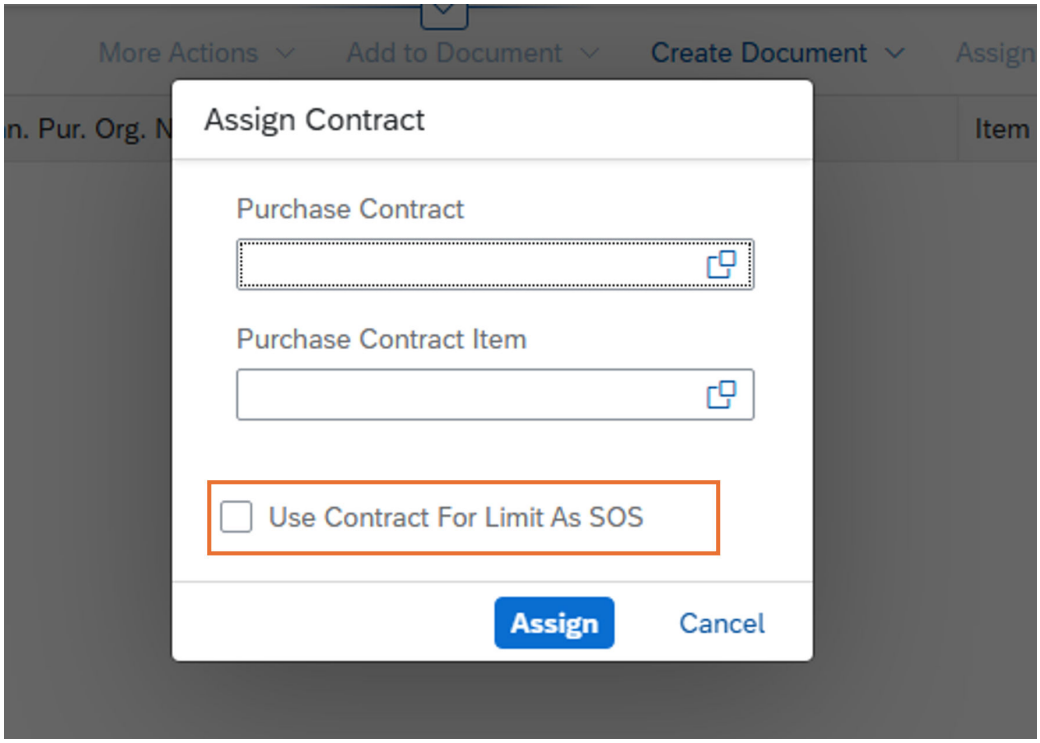
With this feature, you can now assign or unassign the contract reference to the limit items in the apps *Process Purchase Requisitions Centrally* and *Mass Changes to Centrally Managed Purchase Requisitions* in both *Online* and *Offline* mode.

When you select the **Use Contract for Limit as Source of Supply** checkbox, the system derives the fixed supplier from the referenced contract during purchase requisition creation or update. If you clear the checkbox, the system removes the fixed supplier from the purchase requisition.

> ⓘ Note
>
> Selecting this checkbox also ensures that, when the purchase requisition is converted into a purchase order, the system copies the relevant attributes from contract to the PO. For more information, see Use Contracts as Source of Supply for Limit Items in the Purchase Order [page 583]

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	2XT (Central Purchasing)

Technical Object Name	App ID:
	`F3290`
	`F7377`

Application Component	`MM-PUR-HUB-PR` (*Processing Purchase Requisitions Centrally*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Process Purchase Requisitions Centrally

Mass Changes to Centrally Managed Purchase Requisitions
Online Mode
Offline Mode

11.6 Invoice Management

11.6.1 Sequential Distribution for Multi-Account E-Limit Items

Business Details

This feature enables the sequential distribution of enhanced limits across multiple account assignments for supplier invoices and purchase orders. This feature allows you to automatically allocate invoice amounts and partial invoices across different account assignments in sequence. Use this to ensure costs are allocated to the first account assignment until it's fully consumed before moving to subsequent assignments. This maintains accurate financial tracking across multiple partial postings.

> Example
>
> A limit of 10.000 EUR should be distributed to three account assignments (PO):
>
> - Account Assignment 1 gets 6.000 EUR
> - Account Assignment 2 gets 3.000 EUR and
> - Account Assignment 3 gets 1.000 EUR.
>
> If an invoice should now be posted for 7.000 EUR, this amount would be distributed to the account assignments as follows:
>
> - Account Assignment 1 gets 6.000 EUR, and
> - Account Assignment 2 gets 1.000 EUR.
> - Account Assignment 3 does not get any amount.

Technical Details

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

Application Component	`MM-IV` (*Invoice Verification*) `MM-PUR` (*Purchasing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Sequential Distribution for E-Limit Purchase Order Items with Multiple Account Assignments [page 591]

11.6.2 Additional Payee Maintenance in Manage Supplier Invoices

Business Details

With this feature, you can now maintain an additional payee in the *Manage Supplier Invoices* app. Use this to specify alternative payment recipients directly within the app, matching functionality previously available only in transaction MIRO.

> **Note**
>
> The **Payee** field appears only if you maintain an alternate payee in the business partner master data for the supplier.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID `F0859`
Application Component	`MM-FIO-IV` (*Fiori UI for Invoice Verification*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

11.6.3 Exclude Non-PO Items from MM-Period Validation

Business Details

This feature enables you to use the Customizing option to exclude invoice items without purchase order references from MM-period validation in MIRO/MIR7 transactions. This feature streamlines invoice processing by preventing period check errors for non-PO-related items, reducing manual intervention and improving posting efficiency.

Implementation Details

Customizing

You can use the following Customizing activity to decide whether to use the MM-period check as before or deactivate it for posting invoices with G/L account postings.

Go to ▶ *Logistics Invoice Verification* ▶ *Incoming Invoice* ▶ *Disable Period Check for Material Master* ▶ and select *No Check*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`MIRO` `MIR7`
Application Component	`MM-FIO-IV` (*Fiori UI for Invoice Verification*)
Availability	• SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

11.6.4 Official Document Numbering in Services for Supplier Invoices

Business Details

This feature enables you to use the Official Document Numbering (ODN) for selected services to create supplier invoices. It enables systematic tracking and compliance with regulatory requirements by automatically assigning sequential, auditable reference numbers to supplier invoice documents throughout the procurement process.

You can use the following services to create supplier invoices with ODN:

- BAPI_INCOMINGINVOICE_CREATE1 that executes the following BAPIs:
  - BAPI_INCOMINGINVOICE_CREATE (posted invoice)
  - BAPI_INCOMINGINVOICE_PARK (parked invoice)
  - BAPI_INCOMINGINVOICE_SAVE (for background execution via MRBP job)
- ODATA API: API_SUPPLIERINVOICE_PROCESS
- SOAP/A2A: SupplierInvoiceS4Request_In
- SOAP/A2X: SupplierInvoiceERPCreateRequestConfirmation_In

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FI-LOC-ODN` (*Official Document Numbering Framework*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

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 Batch Management

12.1.1.1 Batch Master Record API

Business Details

The existing Batch Master Record API is enhanced by introducing five new fields.

Implementation Details

The API is enhanced at the Batch Master Record header level with the following fields:

Field name	*Description*
BatchExtWhseMgmtInternalId	Identifier of the batch as assigned by the cloud warehouse.
NextInspectionDate	Date of the next recurring inspection for the batch.
LastGoodsReceiptDate	Date of the last goods receipt.
ExportAndImportProductGroup	Export and import product group assigned to the batch.
BatchCertificationDate	Certification date of a batch.

> ⓘ Note
>
> The field `LastGoodsReceiptDate` is a read-only field. Apart from this restriction, other 4 properties are optional.

Technical Details

Type	*Changed*

Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	API_BATCH_SRV
Application Component	*LO-BM-INT*
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Batch Master Record

12.1.1.2 Natural Language Search for Batches

Business Details

Natural language search capabilities for Batches in the SAP Fiori launchpad allow you to enter search queries using natural language. This enhancement simplifies interaction with the system, improves the search experience, and helps you quickly find relevant business objects and information. You can enter your search queries in natural language in the SAP Fiori launchpad search bar to find the information you need.

You can view data for the following business objects, depending on your role and authorizations:

- Batch shelf-life expiration date
- Batch Manufacturing date
- Batch status
- Batch Country of Origin
- Batch Supplier
- Batch for Material
- Batch for Plant

Implementation Details

Authorizations:

To enable natural language search for business objects, select the *Enable AI Natural Language Search* checkbox in your user profile settings by navigating to *User Profile*->*Settings*->*Search*. List of business objects configured for natural language search is displayed. Once you select this checkbox, you can view the

You need to activate the switch **ESH_NLS** for the current user. To do this, Execute the report **EHP_SET_RESET_BF**. On the selection screen, enter **ESH_NLS** in the *Switch* field. Select the *Switch ON for*

current user option and choose *Execute*. After successful execution, the system shows the switch status as *T (On)*, confirming that the switch is enabled for the user.

To view data for the following business objects, you must have the following business roles assigned:

- SAP_BR_BATCH_MASTER_SPCLST
- SAP_BR_QUALITY_TECHNICIAN
- SAP_BR_INVENTORY_MANAGER

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`LO - BM` (*LO - Batch Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Links

For more information refer: Natural Language Search for Batches

12.1.2 Handling Unit Management

12.1.2.1 Handling Unit Data Migration

Business Details

The existing Handling Unit data migration object is enhanced to integrate the serial number.

Implementation Details

The data migration object is enhanced to include serial number section in the XML file with the following fields:

Field name	*Description*
Bundle ID	Used to group several handling units to a nested handling unit. For example, if a carton, that contains a material, is packed with another carton onto a pallet, the cartons and the pallet are a nested handling unit and have the same Bundle ID.
External Handling Unit ID	External key to identify the unique position entry to avoid duplicate key.
Counter	Technical item ID without business meaning.
Serial Number	Specifies the serial number of a serialized material.

> **Note**
>
> Navigation from data migration result to HU monitor(HUMO) has been disabled.

Technical Details

Type	*Changed*
Functional Localization	Not applicable
Scope Item	Not applicable
Migration Object Name	`SIF_HANDL_UNIT`
Application Component	*LO-HU-BF*
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

HU Data Migration

12.1.2.2 Handling Unit Events

Business Details

This event is raised when a handling unit is created and saved in a storage location managed in Inventory Management. The event is currently not raised for handling units created in Warehouse Management. More information on SAP Business Accelerator Hub

Implementation Details

The Handling Unit business object now triggers an event which is associated with Handling Unit creation in Inventory Management.

Business events are published on the SAP Business Accelerator Hub. See Events on SAP Business Accelerator Hub.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	HANDLINGUNIT Handling Unit Events
Application Component	`LO-HU-API` (*HU Application Interfaces*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Handling Unit Events

12.1.3 Packing Determination

12.1.3.1 Packing Determination Record API

Business Details

The Packing Determination Record API has been developed to support the creation, retrieval, update, and deletion of packing determination records.

Implementation Details

This API supports the creation of single or multiple packing determination records in batch mode. It also enables the update of existing records, where only the validity start date, validity end date, and packing instruction details can be modified. Furthermore, the API provides the capability to delete existing packing determination records.

The API is used to create the Packing Determination records with the following key fields & business attributes:

Field Name	*Description*
ConditionRecordNumber	Number that uniquely identifies a condition record of packing determination.
ConditionUsage	Determines for which area the condition is used.
PackingInstructionSystemUUID	UUID of the packing instruction relevant for the packing determination.
PackingInstructionNumber	Identification number of the packing instruction relevant for the packing determination.
PackingInstructionAlt1SystUUID	UUID of the first alternative packing instruction relevant for the packing determination.
PackingInstructionAlt1Number	Identification number of the first alternative packing instruction relevant for the packing determination.
PackingInstructionAlt2SystUUID	UUID of the second alternative packing instruction relevant for the packing determination.
PackingInstructionAlt2Number	Identification number of the second alternative packing instruction relevant for the packing determination.
PackingInstructionAlt3SystUUID	UUID of the third alternative packing instruction relevant for the packing determination.
PackingInstructionAlt3Number	Identification number of the third alternative packing instruction relevant for the packing determination.
PackingInstructionAlt4SystUUID	UUID of the fourth alternative packing instruction relevant for the packing determination.
PackingInstructionAlt4Number	Identification number of the fourth alternative packing instruction relevant for the packing determination.
PackingObjectConditionType	Condition type for packing object determination. (ex- SHIP)
ConditionTable	Number of the condition table which is determined by the combination of fields that defines the key of a condition record.
ConditionValidityStartDate	Validity start date for the packing determination record.
ConditionValidityEndDate	Validity end date for the packing determination record.
LastChangeDateTime	Date and time when packing determination record was changed.
Plant	Key of the plant which belongs to the business attribute for the Packing Determination.

Material	Key of the material which belongs to the business attribute for the Packing Determination.
MatlUsageIndicator	The usage defines the conditions under which a material is sold. It belongs to the business attribute for the packing determination.
ShipToParty	Ship-to party enables customer-specific determination of packing instruction. It belongs to the business attribute for the packing determination.
UnloadingPointName	Unloading point name specifies the point at which the material is to be unloaded (for example, ramp 1). It belongs to the business attribute for the packing determination.
Supplier	Specifies an alphanumeric key that uniquely identifies the vendor in the SAP system. It belongs to the business attribute for the packing determination.
Route	Route by which the delivery item is to be delivered to the customer. It belongs to the business attribute for the packing determination.
SoldToParty	The sold-to party assumes contractual liability for the sales order. It belongs to the business attribute for the packing determination.
Shippingtype	Shipping type is an attribute that specifies how the transportation of cargo (for example, truck or goods train) is planned and executed. It belongs to the business attributes for the packing determination.
ShippingPoint	Physical location, for example, a warehouse, from which item is shipped. It belongs to the business attribute for the packing determination.
StorageLocation	Storage location in which the material is stored. It belongs to the business attribute for the packing determination.
Warehouse	Number that identifies a complex, physical warehouse structure within the Warehouse Management system. It belongs to the business attribute for the packing determination.
StorageType	The storage type is a subdivision of a complex, physical warehouse. It belongs to the business attribute for the packing determination.
WarehouseStagingArea	Warehouse staging area is an organizational unit that is on a hierarchical level below a warehouse. It belongs to the business attribute for the packing determination.
WarehouseGate	Door for Warehouse Number.
GoodsSupplier	The plant from which the ordered goods are supplied. The production supply area (PSA) serves as a place for interim storage on the shop floor and is used to make material directly available for production purposes.
SupplyArea	Production Supply Area, the production supply area (PSA) serves as a place for interim storage on the shop floor and is used to make material directly available for production purposes.

TransportationGroup	A grouping of materials that share the same route and transportation requirements. It belongs to the business attribute for the packing determination.
LoadingGroup	A grouping of materials that share the same loading requirements. It belongs to the business attribute for the packing determination.
SupplyingPlant	the plant from which the ordered material is supplied. It belongs to the business attribute for the packing determination.
PackingReferenceProduct	Reference material for materials packed in same way. It belongs to the business attribute for the packing determination.
MRPArea	Assigned MRP Area.
EWMWarehouse	Alphanumeric key that identifies a complex, physical warehouse within the warehouse management system. It belongs to the business attribute for the packing determination.
EWMWorkCenter	Work centers are business objects that have further attributes associated with them.
EWMConsolidationGroup	A consolidation group is a user-defined group of consolidation units, determines which delivery items can or cannot be picked or packed together into a handling unit (HU).
WarehouseProcessType	Unique Identifier that determines the processing of a warehouse task.
EWMProductionSupplyArea	The location that is used to stage products for use in production. It belongs to the business attribute for the packing determination.
EwmStorageType	A EWM storage type is a set of attributes like storage space, storage facility, or storage zone, which you define for a warehouse number in EWM.
EwmRoute	A Unique Identifier with set of attributes that determines routing in EWM.
EwmHandlingUnitType	It is the handling unit type of a packaging material, and replaces the storage unit type in Extended Warehouse Management. It belongs to the business attribute for the packing determination.
Carrier	Carriers are business partners (BPs) to which you have assigned the role as Carrier.
CountryOfOrigin	Key of the country in which the material has been produced. It belongs to the business attribute for the packing determination.
AutomotiveLoadingPoint	Unique Identifier containing information of group of warehouse docks with similar characteristics and or same Geo locations.

Technical Details

Type	*Changed*
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	`API_PACKINGDETERMINATIONRECORD`
Application Component	*LO-HU-API*
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Packing Determination Record

12.1.3.2 Enhancement of Packing Determination Record

Business Details

You have upgraded to OP2025 FPS2 release and have observed the following:

- Additional fields appearing in the KONDP table that were previously only in KOTP*** tables.
- Silent Data Migration (SDM) logs executing to transfer data from KOTP*** tables to KONDP.
- Migration errors referencing data or fields in KONDP/KOTP*** tables.

Implementation Details

Current Data Model

In the standard packing determination process:

- Primary data is stored in the KONDP table
- Depending on packing condition types and access sequences, related condition records are stored in corresponding KOTP*** tables

Users commonly extend this model by:

- Creating custom condition tables with custom access sequences
- Adding new fields via transaction OFP8
- Generating custom KOTP*** tables based on additional fields

- To provide OData API for Packing Determination Records in S/4HANA OP2025 FPS2 release, the KONDP table is enhanced to include additional fields, ensuring a unified persistence model for standard and custom KOTP*** condition tables.

Database Changes introduced with OP2025 FPS2 release:

The KONDP table has been enhanced with the following field categories:

Field Category	*Description*
Condition Fields	Standardized fields such as Condition Type, Condition Table, and Validity Dates used across all KOTP*** tables
Communication Attributes	Fields derived from the field catalog (accessible via transaction OFP8)
Administrative Fields	SDM Version tracking and Timestamp for audit purposes

While KONDP serves as the unified persistence layer for the RAP Business Object(to be delivered in future), the system maintains backward compatibility with existing KOTP*** persistence logic.

Upgrade Compatibility / Migration using Silent Data Migration (SDM)

As part of the data model enhancement, the KONDP table has been extended to include additional fields such as validity dates and communication attributes. To ensure consistency and alignment between existing data and the enhanced data model, a Silent Data Migration (SDM) report is used.

The Silent Data Migration report is executed automatically upon Support package/release upgrade and performs the following operations:

- *Legacy Record Migration*
  - Updates existing KONDP records to comply with the new data structure
  - Populates default or derived values for newly introduced fields
- *Duplicate Handling*
  - Identifies duplicate condition record numbers within KONDP
  - Deletes duplicates and creates new entries with unique condition record numbers
- *Orphaned Record Cleanup*
  - Validates records between KONDP and KOTP*** tables
  - Removes KONDP records without corresponding KOTP*** references
- *Version Control Implementation*
  - After successful execution, KONDP-SDM_VERSION is set to '01'
  - Future SDM programs increment versions ('02', '03', etc.)
  - Consumer applications can rely on field integrity when SDM_VERSION ≥ '01'

This Silent Data Migration framework ensures that the enhanced KONDP table is both backward-compatible with historical data and fully aligned with any new records created / changed in the system using transactions POF1/POF2/POF3.

Post-Migration Behavior

After successful upgrade, any new records created via transaction POF1 will automatically be stored in KONDP table and in KOTP*** tables. Same goes for changes or deletions done via POF2 transaction.

Technical Details

Type	*Changed*
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	KONDP
Application Component	*LO-HU-MD*
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Communication Attributes for Packing Determination Records

12.2 Warehouse Management

12.2.1 Partial Goods Issue for Batch-Managed Component Consumption in Manufacturing

Business Details

If you use synchronous goods movements for the consumption of components by manufacturing, you can now split goods issue for batch-managed components consumed from EWM-managed storage locations if less than the full quantity needed is available there.

With batch-managed components, the system uses different quantity split variants if it can't find sufficient stock for the component consumption. The split variant depends on your process setup.

If you use batch determination and don't specify a component batch in your manufacturing order, the system posts the available quantity and creates a postprocessing record for the missing quantity. You can use this

record to process the missing quantity with the *Reprocess Goods Movements* app (transaction `COGI`). The *Goods Issue Quantity Split* checkbox in your production scheduling profile is not relevant here.

If you don't use batch determination and you enter the batch number during production confirmation, the *Goods Issue Quantity Split* checkbox becomes relevant.

If you specify a component batch in your manufacturing order, batch determination is not necessary. In this case, the *Goods Issue Quantity Split* checkbox becomes relevant.

For more information, see Communication of Goods Movements from Production.

Implementation Details

Customizing

To split goods issue quantities, you must activate it in one of the following Customizing activities:

- For Repetitive Manufacturing, in Customizing for Production under *Repetitive Manufacturing* > *Control* > *Define Repetitive Manufacturing Profiles*
- For Discrete Manufacturing, in Customizing for Production under *Shop Floor Control* > *Master Data* > *Define Production Scheduling Profile for Discrete Manufacturing*
- For Process Manufacturing, in Customizing for Production Planning for Process Industries under *Process Order* > *Master Data* > *Define Production Scheduling Profile for Process Manufacturing*

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`SCM-EWM-IF-ERP` (*Interface ERP*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Communication of Goods Movements from Production

12.2.2 ISO Unit of Measure Support for WCU IDocs

Business Details

With this feature, you can use units of measure supported by the International Organization for Standardization (ISO) in Warehouse Control Unit (WCU) IDoc communication. Using ISO-compliant units of measure contributes to standardized communuication of quantities across SAP and external systems, reduces mapping effort, and improves reliability of warehouse task processing across system boundaries.

This feature adds new versions of the IDoc for sending and receiving WTs to a non-SAP system (IDoc `/SCWM/WMTOID01`) and the IDoc for confirming warehouse tasks (IDoc `/SCWM/WMTCID01`) that include fields for ISO-compliant units of measure in addition to the existing internal units of measure. The existing IDocs remain unchanged to preserve backward compatibility.

This feature applies to inbound and outbound communication for warehouse task creation, as well as inbound communication for warehouse task confirmation. Existing processes are not affected.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	IDocs:
	`/SCWM/WMTOID01`
	`/SCWM/WMTCID01`

Application Component	`SCM-EWM-IF` (*Interfaces*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.2.3 Monitor Node for Post Processing Framework Actions

Business Details

With this feature, you can select Post Processing Framework (PPF) actions in the Extended Warehouse Management (EWM) warehouse monitor. You can use the *PPF Actions* node to search for PPF actions that are successfully processed, failed, or not yet executed. You can also search across multiple PPF applications and use selection criteria that is specific to PPF.

For the PPF actions you select, the system displays the actions' processing statuses, PPF applications, PPF action definitions, and other relevant information. You can display the processing log for PPF actions that are either successfully processed or failed. You can also use a new monitor method, *Process*, to perform up to 50 PPF actions at a time.

Implementation Details

Authorizations

To search for PPF actions, you must be authorized to use authorization object *Starting Processing Report, Administration Reports* (`S_PPF_ADM`) with action *Execute (16)*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`SCM-EWM-MON` (*Monitoring*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.2.4 Calculation of Number of Containers

Business Details

With this feature, you can configure your system to automatically count how many containers your warehouse receives during goods receipt posting. The system also identifies the unit of measure (UoM) of the handling units and assigns this UoM to the calculated number of containers.

During inspection lot creation, the system transfers the number of containers and the corresponding unit of measure from EWM to the ERP Quality Management (QM) component. The system stores this information in the *Number of Containers* and *Container Unit of Measure* fields of the inspection lot.

Implementation Details

Customizing

To use this feature, your system must fulfill the following prerequisites:

- The QM component is in SAP S/4HANA 2022 or later.
- You are using Inspection Object Type *Q-Inspection Product/Batch Inbound Del.* (IOT 4) with the inspection process *Inspection After Goods Receipt*.
- You've configured the container count calculation mode for IOT 4 in Customizing for Extended Warehouse Management under *Cross-Process Settings* > *Quality Management* > *Basics and Integration* > *Define and Activate Warehouse-Dependent IOTs*.
- You've assigned UoMs to packaging material types in Customizing for Extended Warehouse Management under *Cross-Process Settings* > *Quality Management* > *Basics and Integrations* > *Assign Container Unit of Measure to Packaging Material Type*.

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 FPS02

12.2.5 Pick-Path Optimization for Warehouse Orders

Business Details

With this feature, you can make pick paths more efficient by grouping single-handling unit warehouse orders into one optimized warehouse order. You can also determine an optimized pick sequence based on source bin locations, use business add-ins (BAdIs) to create customer-specific optimization logic, and simulate optimization results to see the benefits of an algorithm before activating it. You can use this feature in eCommerce scenarios and in retail and store replenishment scenarios.

You can use pick path optimization during warehouse order creation or during radio frequency (RF) system-guided picking. During warehouse order creation, pick-path optimization can improve picking routes before

warehouse order execution. Alternatively, during RF system-guided picking, pick-path optimization can help you consolidate warehouse orders if small end-consumer orders come to your warehouse frequently.

Implementation Details

The functionality is delivered as an Advanced EWM function and is subject to license measurement.

You use the *Configure Pick Path Optimization for Warehouse Orders* app (transaction `/SCWM/VCWPPOCONF`) to activate and configure this feature. You configure this feature separately for each activity area. If you use this feature in RF system-guided picking, you also configure this feature for each RF queue.

To extend this feature using customer-specific optimization algorithms, use BAdI *Pick-Path Optimization for Warehouse Orders* (`/SCWM/EX_WHO_PIPA_OPT`).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: Configure Pick-Path Optimization for Warehouse Orders / `SCWM/VCWPPOCONF` Simulate Pick-Path Optimization for Warehouse Orders / `SCWM/WO_PIPA_OPT` Authorization Objects: Table Access by Generic Standard Tools (`S_TABU_NAM`) for `TABLE /SCWM/VWPPOAAREA` and `TABLE / SCWM/VWPPOQUEUE`
Application Component	`SCM-EWM-WOP` (*Warehouse Order Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

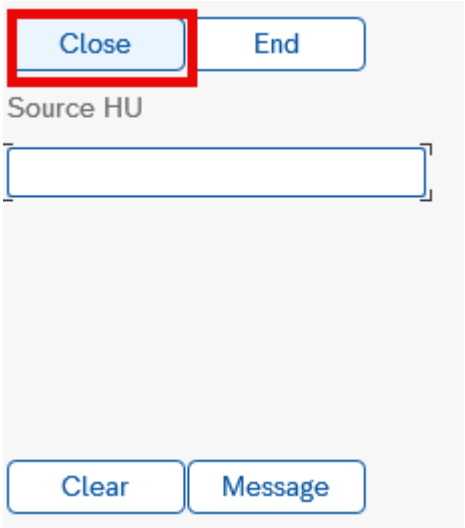
12.2.6 Option in RF Packing Transactions: Close Handling Unit

Business Details

This feature enables you to close a handling unit (HU) from the interfaces of various radio frequency (RF) repacking transactions without opening a separate RF transaction.

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.



The *Close* icon for handling units is now available in the following RF repacking transactions:

- Automatic Repacking of HU
- Automatic Repacking of HU Items
- Manual Repacking of HU
- Manual Repacking of HU Items
- Manual Repacking of all HU Items

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Transaction `/SCWM/RFUI`
Application Component	`SCM-EWM-RF` (*Radio Frequency Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.2.7 OData API: Warehouse Wave (A2X)

Business Details

With this API, you can integrate external applications with warehouse waves using this synchronous inbound service. This API allows you to retrieve, update, simulate and optimize warehouse waves, and also to split warehouse wave items.

More specifically, in every API call, you can use the following operations:

- Retrieve warehouse waves, along with details such as wave items and warehouse order assignments; apply any of the filters provided or retrieve all existing data
- Update warehouse waves; that is, you can perform the following operations: assign or unassign warehouse request items, release, lock, unlock, and merge warehouse waves
- Simulate warehouse waves to preview the expected warehouse orders, warehouse tasks, workloads, missing parts, and failed groups before release
- Optimize warehouse waves for two-step picking scenarios
- Split warehouse wave items

This API is available on the SAP Business Accelerator Hub.

Implementation Details

Authorizations

To use this API, you must have a business role that includes authorization based on business catalog `SAP_SCM_BC_EWM_API` (*EWM - External APIs*).

The following business roles are required:

- SAP_BR_WAREHOUSE_CLERK_EWM
- SAP_BR_WAREHOUSE_OPERATIVE_EWM

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_WAREHOUSE_WAVE`
Application Component	`SCM-EWM-API` (*Remote APIs*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.2.8 Logistical Follow-Up Activities for Refurbishment

Business Details

With this feature, you can use Advanced Returns Management (ARM) refurbishment follow-up activities in EWM-managed warehouses. When you select *Refurbishment Using Maintenance Order* (`0036`) or *Refurbishment Using Production Order* (`0037`) during material inspection, the system creates a delivery and triggers warehouse processing.

The following scenarios determine where you select the follow-up activity:

- You can make the decision directly in the returns order.
- You can make the decision during material inspection in the EWM warehouse.
- You can make the decision during material inspection in an Inventory Management storage location.

This enables refurbishment workflows for high-value repairable spare parts.

Implementation Details

EWM now supports the ARF (Refurbishment) initiator code for refurbishment follow-up activities (`0036` and `0037`). This expansion enables refurbishment processing on EWM-managed storage locations. Previously, these activities required non-EWM storage locations.

Business users can process refurbishment scenarios directly within their EWM environment. This eliminates the need to route refurbishment activities through non-EWM storage locations. Warehouse operations benefit from unified processing across all ARM activity types.

Implementation Details

To implement this enhancement, ensure the following prerequisites are met:

- This feature applies when the returns storage location or production storage location is managed by Extended Warehouse Management.
- ARM must be activated for the relevant returns order type in Sales customizing.

Technical Details

Attribute	Value
Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`SCM-EWM-QM-RP` (Returns Processing)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Logistical Follow-Up Activities for Advanced Returns Management
Integration with Advanced Returns Management
Logistical Follow-Up Activity Handover to Extended Warehouse Management

12.2.9 ERP Integration for Migration Cockpit

Business Details

This feature now enables controlled updates of stock quantities in the ERP system during EWM stock migration. Related inventory records in the ERP system remain fully synchronized while migrating stock data using the migration cockpit. The benefits of this capability include:

- Reduced manual reconciliation efforts
- Enhanced data consistency across systems

- Inventory accuracy throughout the migration process

Implementation Details

Authorizations

To carry out the migration, assign the following authorization objects to the user:

- `/SCWM/MIG` (EWM Migration Reports)
- `/SCWM/SLFU` (EWM Special Functions per Warehouse Number)
- `/SCWM/CHG` (EWM Batch)
- `C_LIME_HU` (LIME Handling Unit)
- `C_LIME_SI` (LIME Stock Item)
- `M_MSEG_BWA` (Goods Movements: Movement Type)
- `M_MSEG_WWA` (Goods Movements: Plant)

Customizing

To enable controlled ERP data updates during EWM stock migration, you need to maintain the settings in the SAP Easy Access menu in *Extended Warehouse Management* > *Interfaces* > *ERP Integration* > *ERP Integration for Migration Cockpit* > (transaction `/SCWM/MIG_ERPSET`).

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`EWM_STOCK_2`
Application Component	`SCM-EWM` (*Extended Warehouse Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Warehouse stock (direct transfer)
Warehouse stock

12.2.10 Predictive Labor Demand Planning: API Extension

Business Details

Expanded API capabilities further streamline warehouse operations by enabling the capture of additional data; task start date and time, to improve Labor Demand Planning (LDP) reporting, KPI calculations, and historical workload tracking for warehouse task confirmations. Support for staging processes has been added for historical records and time tracking through the existing remote-enabled API, API_WAREHOUSE_ORDER_TASK_2. In addition, the existing remote-enabled API, API_HANDLINGUNIT, now supports tracking the start date and time of packing processes, including repacking handling unit items into destination handling units (HUs). These enhancements simplify integration with warehouse systems, reduce manual intervention, and improve overall warehouse execution efficiency.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	NA
Technical Object Name	NA
Application Component	`SCM-EWM-LDP` (*Labor Demand Planning*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

12.2.11 Predictive Labor Demand Enhancements

Business Details

You can now benefit from enhanced Labor Demand Planning (LDP) capabilities in SAP Extended Warehouse Management with improved application logs and an enhanced workload monitoring experience.

Application logs now provide additional traceability details, including ODO numbers, enabling faster troubleshooting, improved auditability, and end-to-end workload tracking.

The Aggregated Historical Workload monitor node has been enhanced with an improved user interface and updated documentation. In addition, the Warehouse KPIs app now includes a new Forecast Accuracy KPI card, linking to a dedicated Forecast Accuracy Smart Business report enabling easier monitoring of forecast performance. The existing workload forecast KPI cards have also been updated with improved unit-of-measure

subtitles for better readability. The Activity Area filter has also been refined to display only the activity areas relevant to the selected warehouse, improving search help usability and filter accuracy.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	NA
Technical Object Name	NA
Application Component	`SCM-EWM-LDP` (*Labor Demand Planning*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

12.2.12 Predictive Labor Demand Planning: Forecast Accuracy Feature

Business Details

You can now view workload forecast accuracy directly as a configurable card within the Fiori app Warehouse KPIs (app ID F9490), enabling seamless monitoring of forecast reliability. The Forecast Accuracy KPI compares forecasted workloads with actual workload execution, providing visibility into the expected deviation between forecasted and actual workloads.

By analyzing forecast accuracy, you can assess the reliability of workload forecasts, identify planning deviations, and make more informed workload planning and resource allocation decisions.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	NA

Technical Object Name	NA
Application Component	`SCM-EWM-LDP` (*Labor Demand Planning*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

12.2.13 Segmentation Consolidation

Business Details

Segmentation is now supported with several enhancements. You no longer need dedicated batch characteristics in the EWM batch master. You can customize outbound processes so that stock is selected according to segmentation values. Logistics processes with empty/blank segmentation values are supported. Enhancements are available to support upgradability from previous releases. Additionally, products with segmentation in a production material request are forced to follow single order staging.

Until now, EWM has ensured by default that the batch is checked against the segmentation in the outbound process (outbound delivery and production supply). The EWM component then validates the stock segment against the requirement segment in the production material request. If you don't want to validate the stock segment (or batch), you can now skip this step. In this case, you can maintain the setting *Skip Sgt. Validation* in the following two Customizing activities:

- *SCM Extended Warehouse Management* > *Extended Warehouse Management* > *Goods Issue Process* > *Outbound Delivery* > *Batch Management in the Outbound Delivery*
- *SCM Extended Warehouse Management* > *Extended Warehouse Management* > *Goods Issue Process* > *Production Material Request* > *Batch Management for Production*

If you want to switch on or off the standard validation logic for stock segmentation in outbound processes, you can implement the Business Add-In *SCM Extended Warehouse Management* > *Extended Warehouse Management* > *Business Add-Ins (BAdIs) for Extended Warehouse Management* > *Cross-Process Settings* > *Batch Management* > *Batches in Delivery - Warehouse Request* > *BAdI: Check Batch Against Stock/ Requirement Segment*.

Upgradability From Previous Releases

Additional enhancements have been made to support users who have segmentation in previous releases and want to perform an upgrade. For further information, see SAP Note 3734726. This collective note refers to additional notes which you can also implement to perform this upgrade and to address limitations.

Implementation Details

Customizing

SCM Extended Warehouse Management > *Extended Warehouse Management* > *Business Add-Ins (BAdIs) for Extended Warehouse Management* > *Cross-Process Settings* > *Batch Management* > *Batches in Delivery - Warehouse Request* > *BAdI: Check Batch Against Stock/Requirement Segment*

You can implement this BAdI to influence when the EWM component validates the batch and stock segment against the requirement segment.

SCM Extended Warehouse Management > *Extended Warehouse Management* > *Goods Issue Process* > *Outbound Delivery* > *Batch Management in the Outbound Delivery*

In this Customizing activity, you maintain the settings required to switch on or off validation segmentation in the outbound delivery.

SCM Extended Warehouse Management > *Extended Warehouse Management* > *Goods Issue Process* > *Production Material Request* > *Batch Management for Production*

In this Customizing activity, you maintain the settings required to switch on or off validation segmentation in the production supply.

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 FPS02

12.2.14 ASR Kitting & Verifying Subcomponents for GTS-Compliance

Business Details

The following enhancements are available:

- Advanced Shipping & Receiving (ASR) integration with Transport Management (TM) in the EWM KIT-to-Order (KTO) process
- Verification of assembly subcomponents against the compliance check from SAP Global Trade Services (SAP GTS). You can then see if any compliant items from the outbound delivery order contain non-compliant subcomponents, and decide on whether to allow the main component to leave the warehouse or not

Advanced Shipping & Receiving (ASR) integration with Transport Management

Transport Management (TM) can now process and display the EWM KIT hierarchy in the Advanced Shipping & Receiving (ASR) scenario.

Verification of Assembly Subcomponents for GTS-Compliance

It's now possible to implement stricter results criteria for when EWM uses the compliance check from SAP Global Trade Services (SAP GTS) to confirm if you can send an outbound delivery to a specific goods recipient. This new logic is available in the Business Add-In *BAdI: Change of Data Structures Sent for Compliance Checks* under *Customizing for Extended Warehouse Management* > *Business Add-Ins (BAdIs) for Extended Warehouse Management* > *Goods Issue Process* > *GTS Integration*. When you use this BAdI together with the subcomponent data, the GTS will check both the original item and its assembly subcomponents. If the subcomponents don't comply with the GTS check, you can then make an informed decision on whether to let the main component leave the warehouse or not, taking into account international trade regulations.

Implementation Details

Customizing

Customizing for Extended Warehouse Management > *Business Add-Ins (BAdIs) for Extended Warehouse Management* > *Goods Issue Process* > *GTS Integration* > *BAdI: Change of Data Structures Sent for Compliance Checks*

You can use this BAdI to verify if assembly subcomponents pass the compliance check from SAP Global Trade Services (SAP GTS). You can then use this information to decide whether to block the main component or not.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`SCM-EWM-DLP-INT` (*Integration*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.3 Delivery and Transportation

12.3.1 Delivery Management

12.3.1.1 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_CUSTOMERRETURNSDELIVERYTP

Additional Details

The following table summarizes the objects the changes made to the objects. In the Technical Name field you can see for which business objects the relevant feature is active for.

Feature	End-User Name	Technical Name	Type	Details
RAP Extensibility	Outbound Delivery, Inbound Delivery, Customer Returns Delivery	`I_OutboundDeliveryTP`, `I_InboundDeliveryTP`, `I_CustomerReturnsDeliveryTP`	Changed	You can extend all three delivery RAP BOs. For more information, see About RAP Extensibility.
Enhanced Post Partial Goods Receipt Flexibility	Inbound Delivery	`I_InboundDeliveryTP`	Changed	For inbound deliveries, you can combine `PostPartialGoodsReceipt` operations with header and item updates in the same

Feature	End-User Name	Technical Name	Type	Details
				LUW. You can combine them in any order. Combinations involving multiple partial goods receipts for the same delivery, or mixing partial goods receipt with full goods movement in the same LUW, are not supported due to data integrity constraints.
Delete Delivery Items via RAP	Outbound Delivery, Inbound Delivery, Customer Returns Delivery	`I_OutboundDeliveryTP`, `I_InboundDeliveryTP`, `I_CustomerReturnsDeliveryTP`	Changed	You can delete delivery item instances via RAP EML using item-level DELETE operations.
Batch Split Item Action	Outbound Delivery, Inbound Delivery, Customer Returns Delivery	`I_OutboundDeliveryTP`, `I_InboundDeliveryTP`, `I_CustomerReturnsDeliveryTP`	Changed	You can create batch-split items programmatically using the new `CreateBatchSplitItem` operation at item level. The method accepts a Batch Number parameter.
Extended Field Editability	Outbound Delivery, Customer Returns Delivery	`I_OutboundDeliveryTP`, `I_CustomerReturnsDeliveryTP`	Changed	You can edit additional fields on header and item level.
Delivery Lock Alignment	Outbound Delivery, Inbound Delivery, Customer Returns Delivery	`I_OutboundDeliveryTP`, `I_InboundDeliveryTP`, `I_CustomerReturnsDeliveryTP`	Changed	Field editability in RAP-based applications matches SAP GUI behavior for late-change scenarios. The RAP delivery locking mechanism aligns with VL* transaction behavior for consistent locking across interfaces.

Developer extensibility allows you to create development projects in SAP S/4HANA by using ABAP Development Tools for Eclipse. This allows you 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	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	RAP Business Objects:
	`I_INBOUNDDELIVERYTP`
	`I_OUTBOUNDDELIVERYTP`
	`I_CUSTOMERRETURNSDELIVERYTP`

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 FPS02

Related Information

Extensibility in Delivery Management
Outbound Delivery RAP BO
Inbound Delivery RAP BO
Customer Returns RAP BO

12.3.1.2 Product Compliance Check Enhanced for Distributed System Landscapes

Business Details

With this feature, post goods issue is blocked when Product Compliance check results are pending. This ensures that goods cannot be shipped while the compliance status is unknown.

Product Compliance checks validate dangerous goods, product marketability, and safety data sheets during delivery processing. When Product Compliance runs on a remote system, network latency can delay check results. The status *Blocked - Check Pending* (`H`) indicates that compliance checks are triggered but results are not yet available.

Previously, post goods issue could be executed while the Product Compliance status was still "Check Pending". This created a compliance risk: goods could be shipped before dangerous goods classification was confirmed. The system now prevents post goods issue when any Product Compliance header status is set to *Check Pending*. You must wait until the final compliance status is available.

The feature also enhances support for dangerous goods that are partially packed or unpacked at delivery processing time. The dangerous goods check can now validate these goods against released dangerous goods classifications defined in LO-HU packing Instructions.

Implementation Details

When you create a delivery with Product Compliance checks, you must save the delivery and wait for the final compliance status before performing post goods issue. If you attempt post goods issue while the status is *Check Pending*, the system displays error message `VLA127`: Product Compliance check pending; goods issue blocked.

The one-step workflow (create + post goods issue in one action) is not supported for deliveries with Product Compliance checks. You must use the standard three-step workflow: create the delivery and save, perform picking and save, then perform post goods issue as a separate step. This ensures that Product Compliance checks complete before goods issue.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	LE-SHP-DL (Delivery Processing)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.3.2 Transportation Management

12.3.2.1 Improved Reporting of Events From External Systems

Business Details

With this feature, you can manually correct document errors by parking a reported event that can't be processed immediately for later processing.

If event processing checks fail, you can assign a new processing status *Event Could Not Be Processed; Failed Event Reporting Check; See Document Errors tab* to the event. The system then parks the event for later processing instead of rejecting it. Two new document error categories have been introduced: `TM_EVCMR` and `TM_EVBLK`. This means that if a missing predecessor event can't be derived (error category `TM_EVCMR`) or if the system detects an execution block on a document (error category `TM_EVBLK`), you can take action to resolve these errors, and the unaffected events are processed as usual. The error category and the appropriate action is displayed on both the *Document Errors* and the *Execution* tab. Furthermore, the system automatically resolves the document error once the missing predecessor event has been reported or you have fixed the issue manually.

> **Note**
>
> Previously, updates for an event were processed immediately so that only one event of the same type existed. Now, when an event is parked, it can appear multiple times on the *Execution* tab or the *Document Errors* tab. Once the event is successfully processed, the related update and recall events are merged with the original event and are processed together.

Implementation Details

Customizing

You need to enable saving of documents with errors in the *Handling of Incorrect Inbound Messages* field in your business document type, such as your freight order type. For more information, see Customizing for Transportation Management under *Freight Order Management* > *Freight Order* > *Define Freight Order Types*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Not applicable
Application Component	`TM-FRM-STS` (*Statuses, Events, and Block Handling*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Correction of Errors in Business Documents

12.3.2.2 Clean Core Extensibility for Product Hierarchy Handling

Business Details

This feature enables you to align product hierarchies consistently across the entire integration chain in an Advanced Shipping and Receiving (Advanced SR) outbound scenario. It also enables you to compress package hierarchies in retail-style scenarios with high item volumes.

This feature offers the following:

- A new Business Add-In (BAdI)
  BAdI: Extension of TM-EWM Interface supports the integration between Transportation Management (TM) and Extended Warehouse Management (EWM).
- New BAdI methods
  Method `CHANGE_ITEM_HIERARCHY` of *BAdI: Change of TOR Data* supports both the EWM - TM integration and the integration between Logistics Execution (LE) and TM using the Logistics Integration (LI) engine.
  Method `ADAPT_LI_INPUT_EWM_ODO_SPLIT` of *BAdI: Adaptation of Incoming Business Transaction Document Data in TM* supports the EWM - TM integration for outbound delivery order (ODO) splits.
- Hierarchy level filter for product and package items
  For product and package items, you can use a BAdI implementation to define which item level is relevant in TM. The filter has already been available for BAdI method `CHANGE_ITEM_HIERARCHY` and can now also be used for *BAdI: Change of Transient TRQ Data*.

For more information about the integration of product and package hierarchies in Advanced SR outbound scenarios, see SAP Note 3783800.

Implementation Details

Customizing

You can find the BAdIs in 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_TM_EWM`
	`/SCMTMS/BADI_LI_UH_MAP`
	`/SCMTMS/BADI_LI_BTD_CHG`
	`/SCMTMS/BADI_LOGINT_CHG_TTRQ`

Application Component	`TM-FRM-ASR` (*Advanced Shipping and Receiving*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.3.2.3 External Planning for Star-Shaped Freight Orders

Business Details

This feature enables you to leverage external planning capabilities for freight orders with star-shaped stage sequence types, expanding beyond the previously supported linear stage sequences.

With this enhancement, you can now create, update, and cancel road freight orders via external planning messages for the following stage-sequence types:

- Star-Shaped based on FU Stages
- Star-Shaped based on FU Stages (Reverse)

Star-shaped freight orders are particularly useful when the detailed transportation stages and their sequence are not relevant to the shipper's business process - for example, when a carrier manages the routing details independently. The freight order defines only two stops: one with actual location information and one placeholder stop with stop role **undefined delivery** for outbound or **undefined pick-up** for inbound scenarios.

> **Note**
>
> This feature doesn't support the following:
>
> - Transportation mode 06 (Postal Service)
> - Self-delivery and customer pick-up scenarios

Implementation Details

Customizing

The stage-sequence type is defined in the freight order type customizing. For more information, see Customizing for **Transportation Management** under **Freight Order Management→ Freight Order→ Define Freight Order Types**.

Effects on Existing Data

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Customizing activity: `/SCMTMS/V_TORTYA`
Application Component	`TM-FRM-INT-GEN` (*Transportation Order Generic Web Services*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

External Planning

12.3.2.4 Receiving Reported Greenhouse Gas Emissions

Business Details

With this feature, you can receive greenhouse gas emission values reported by your carriers from an external system using web service `TransportationEventBulkNotification_In`.

You can receive the total amount of greenhouse gas emissions as reported by your carriers either on freight order level or on transportation stage level. Note that per business document, you can report values either on header or on stage level.

The system identifies the stage by destination stop ID or location internal ID if it's unique.

Implementation Details

Effects on Existing Data

The web service has been enhanced and can now process the reported greenhouse gas emission values. Two new event code types have been introduced to support this function:

- `REPORT_EMIVAL_STAGE` for reporting greenhouse gas emissions on stage level
- `REPORT_EMIVAL_DOC` for reporting greenhouse gas emissions on document level

Technical Details

New	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Web service: `TransportationEventBulkNotification_In`
Application Component	`TM-FRM-INT-GEN` (*Transportation Order Generic Web Services*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.3.2.5 BAdI for Overruling of Blocks on Freight Documents

Business Details

With this feature, you can restrict specific business users from overruling planning, execution, and freight settlement document blocks placed on freight documents based on their business roles.

Restrictions can depend on block category, block type, or document header attributes.

Implementation Details

Authorizations

We recommend using authorization object `T_TOR_EXE`.

Customizing

A new Business Add-In (BAdI) (`/SCMTMS/BLOCK_OVERRULE`) has been introduced to restrict the overruling of blocks. For more information, see Customizing for Transportation Management under *Business Add-Ins (BAdIs) for Transportation Management* > *Freight Order Management* > *Freight Order Management* > *BAdI: Overruling of Blocks on Freight Documents*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not relevant
Technical Object Name	BAdI: `/SCMTMS/BLOCK_OVERRULE`
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 FPS02

12.3.2.6 Definition of Invoicing Relevance per Stage in Default Route for Rail

Business Details

With this feature, you can specify in a default route with transportation mode *Rail* whether the carrier from the header or stage of the rail freight order is to be used for freight settlement.

You can use this setting in situations where you need to settle with different carriers who have provided transportation services for different stages in a rail freight order.

When you assign such a default route to a rail freight order, this settlement information is copied into the rail freight order to enable charge calculation and settlement.

Implementation Details

Effects on Existing Data

In the *Create Default Route* app, you can specify the invoicing carrier for a stage in the new *Invoicing Carrier* field. The new *Stage Invoicing Carrier Level* field lets you indicate whether the carrier from the header or the stage of the rail freight order is to be used for freight settlement.

The *Carrier* field has been renamed *Execution Carrier* to be consistent with the rail freight order user interface. On header level, a new section *Carrier Data* lets you specify the carrier and the standard carrier alpha code (SCAC).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `/SCMTMS/SCHEDULE (/SCMTMS/SCHEDULE_D)`
Application Component	`TM-MD-TN-DR` (*Default Route*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Default Route

12.3.2.7 Improved FUB Logic

Business Details

With this feature, you can leverage an improved logic in freight unit building.

In freight unit building scenarios that don't allow item splits, the system now creates freight units more efficiently. Previously, the logic could result in wasted space and unnecessary additional freight units. The updated logic improves capacity utilization, reduces unnecessary freight units, and enhances overall system performance. For more information, see SAP Note 3711847.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`TM-PLN-FU-FUB` (*Freight Unit Building*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.3.2.8 Enhancements in Transportation Requirement Routing and Scheduling

Business Details

With this feature, you can deactivate the determination of straight-line distances and durations as fallback and leverage new fields in the test cockpit for transportation requirement routing and scheduling (TRS).

The following new functions are available:

- You can now deactivate the determination of straight-line distances and durations as fallback for lane, distance, and duration determination (LDDD).
- New input fields have been made available in the TRS test cockpit for entering gross weight, gross volume, net weight and the respective units of measure, as well as payer, and sold-to party. To access the TRS test cockpit, on the SAP Easy Access screen, choose *Logistics* > *Transportation Management* > *Administration* > *Transportation Requirement Routing and Scheduling* > *TRS - Test Cockpit*

Implementation Details

Effects on Existing Data

To deactivate the fallback, select *No Straight Line as Fallback* in the *Edit Transportation Duration Determination Profile* app or the *Edit Requirement Routing Profile* app. This new field is displayed in a new *Routing Parameters* screen area that appears when you select the entry that you created for the LDDD routing method.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`/SCMTMS/PROF_TRS (/SCMTMS/PROF_TRS_DELG)`
	`/SCMTMS/PROF_TRS (/SCMTMS/PROF_TRS_DETM)`
	Report:
	`/SCMTMS/TEST_TRS_ENGINE`

Application Component	`TM-PLN-TRS` (*Transportation Requirement Routing and Scheduling*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Routing and Determination Methods
Test Cockpit for Transportation Requirement Routing and Scheduling

12.3.2.9 Enhancements in Means of Transport and Equipment Determination

Business Details

With this feature, you can use means of transport and vehicle type determination in various planning processes. Previously, this was only available in transportation requirement routing and scheduling (TRS). The feature now also supports container types and has been renamed to means of transport and equipment type determination.

The means of transport and equipment type can now be determined when a freight unit is created or an unplanned freight unit is modified. The determined means of transport and equipment type are saved in the freight unit stage. When you create a freight order for the freight unit stage or assign the freight unit stage to an existing freight order, the means of transport and equipment type are automatically assigned to the freight order. When you assign freight units to a container unit or create a container unit from a freight unit stage, the system copies the container type of the first assigned freight unit into the container unit.

If a previous means of transport and equipment type determination didn't provide any result or the freight unit stage doesn't contain a means of transport or equipment type, a dynamic means of transport and equipment type determination can be performed on-the-fly before a planning engine is called. The following planning processes are supported:

- Lane, distance, and duration determination
- Transportation requirement routing and scheduling
- Load consolidation
- Vehicle scheduling and routing
- Generation of transportation proposals

The explanation tool provides the preferred means of transport and equipment type combinations.

Implementation Details

Customizing

- You need to define a condition with the new condition type *Determine Means of Transport/Equipment Types* (`/SCMTMS/MTR_ET_DET`) (recommended) or the existing condition type *Determine Means of Transport/Vehicle Types* (`/SCMTMS/MTR_VT_DET`). For more information, see Customizing for *Transportation Management* under *Basic Functions* > *Conditions* > *Define Condition Types*.
- If you want to use means of transport and equipment type determination during freight unit creation and modification, you need to activate it in the new *MTr/Equip. Type Determination* field and indicate your condition in the new *Cond. for MTr/Eq.Type Determ.* field. For more information, see Customizing for *Transportation Management* under *Planning* > *Freight Unit* > *Define Freight Unit Types*.
- If you want to use dynamic means of transport and equipment type determination, you need to activate it and indicate your condition in the *Means of Transport and Equipment Types* section in the *Edit Planning Profile* app.
- Two new Business Add-Ins (BAdIs) have been made available:

- *BAdI: Relevance Check for Means of Transport Determination*
- *BAdI: Adjustment of Means of Transport Determination Results*

A new BAdI method has been added to *BAdI: Adjustment of Means of Transport Determination* to adjust the output of the means of transport and equipment type determination.

For more information, see Customizing for *Transportation Management* under *Business Add-Ins (BAdIs) for Transportation Management* > *Planning* > *Means of Transport Determination*.

Effects on Existing Data

The following fields have been made available in the field catalogs for the freight unit stage list and hierarchy and the combined freight unit/package unit stage list and hierarchy of the *Transportation Cockpit* app:

- *Preferred Means of Transport* (this field is editable)
- *Origin of Entry (Preferred Means of Transport)*
- *Preferred Equipment Type* (this field is editable)
- *Preferred Equipment Type (Description)*
- *Preferred Equipment Group*
- *Preferred Equipment Group (Description)*
- *Origin of Entry (Preferred Equipment Type/Group)*

The fields listed above have also been made available on the freight unit user interface.

Note that the *Preferred Equipment Type* and *Preferred Equipment Group* fields were already available in the freight unit stage list and hierarchy in the transportation cockpit and on the freight unit user interface.

The existing field *Means of Transport* in the freight unit stage list has been renamed *Means of Transport (Assigned Freight Document)*. And the existing field *MTr from Transportation Proposal* on the freight unit user interface has been renamed *Preferred Means of Transport* for consistency reasons.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`/SCMTMS/PLN`
	`/SCMTMS/FRE_UNIT`
	`/SCMTMS/PROF_COND`
	Customizing activity:
	`/SCMTMS/V_TORTYF`
	BAdI:
	`/SCMTMS/EX_MTR_DET_REL`
	`/SCMTMS/EX_PLN_MTR_DET`
	`/SCMTMS/EX_MTR_DET`

Application Component `TM-PLN-MP` (*Manual Planning*)	`TM-MD-TN-DDD` (*Distance and Duration Determination*); `TM-MD-TN-DR` (*Default Route*); `TM-PLN-FU` (*Freight Unit*); `TM-PLN-VSR` (*Vehicle Scheduling and Routing*); `TM-PLN-SCH` (*Scheduling*); `TM-PLN-TRS` (*Transportation Requirement Routing and Scheduling*); `TM-PLN-LP` (*Load Planning*); `TM-PLN-TC` (*Transportation Cockpit*); `TM-PLN-MP` (*Manual Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Means of Transport and Equipment Type Determination

12.3.2.10 Enhancements in Capacity Document Creation Based on Groups and Transportation Cockpit

Business Details

This feature enables you to create capacity documents based on groups of requirement documents with the same default route and to assign new requirement documents to existing capacity documents incrementally. Further, the number of unplanned requirement documents displayed in the profile and layout sets for the transportation cockpit now considers consignment orders.

The following functions are available:

- You can now create capacity documents based on groups of requirement documents with the same default route in the transportation cockpit or using the background report. To enable this, the default route has

been made available as a new grouping rule in Customizing and can be used in the requirement grouping profile.

- You can now assign new requirement documents, such as late freight units, to existing capacity documents based on groups incrementally in the transportation cockpit or using the background report. The system assigns these requirement documents if certain prerequisites are met. For example, the grouping attributes of the new requirement documents must match the grouping attributes of the already assigned requirement documents. If the existing capacity documents lack sufficient capacity, the system creates new capacity documents.
- The *Unplanned Requirements* field on the *Profile and Layout Sets* screen now includes consignment orders in its count. These are consignment orders that aren't relevant for subcontracting and aren't yet assigned to a freight document.

Implementation Details

Effects on Existing Data

To create capacity documents for requirement documents with the same default route, create a requirement grouping profile with grouping rule *Default Route* in the *Create Requirement Grouping Profile* app.

To create capacity documents incrementally, select **Create Cap. Docs (Grps)**. In the background report, select *Create Capacity Documents Incrementally* and specify the required selection profiles for your capacity documents.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`/SCMTMS/PLN`
	`/SCMTMS/PROF_REQGROUPING`
	Customizing activity:
	`/SCMTMS/V_GRPRLR`
	Report:
	`/SCMTMS/PLN_REQ_STAGE_GROUP`

Application Component	`TM-PLN-TC` (*Transportation Cockpit*); `TM-PLN-MP` (*Manual Planning*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Creation of Capacity Documents Based on Requirement Groups

12.3.2.11 Enhancements in Scheduling

Business Details

With this feature, you can leverage an improved logic for appointments and usability improvements for scheduling results.

The following functions are available:

- Up to now, the system generated an error message if the acceptable times didn't lie within the appointment. Now, the logic has been changed, and the appointment must lie within the acceptable time window. Further, start time of loading and end time of unloading had to lie within the appointment. Now, both start and end time of loading must lie within the appointment for loading, and both start and end time of unloading must lie within the appointment for unloading.
- The usability of the *Explain Scheduling Results* app has been improved:
  - The new grid table makes it easier to scroll through the data.
  - You can now open a scheduling result in a new tab using the context menu.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F4976`
	`/SCMTMS/PLN`
	`/SCMTMS/FRE_ORDER`

Application Component	`TM-FRM-FRO` (*Freight Order*); `TM-PLN-SCH` (*Scheduling*); `TM-PLN-TC` (*Transportation Cockpit*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Appointment

12.3.2.12 Ignore Inbound or Outbound Freight During Load Planning

Business Details

With this feature, you can perform load planning for an outbound scenario, even if it contains inbound freight and vice versa.

In your load planning settings, you need to specify that inbound or outbound items are to be ignored during load planning. In an outbound scenario, for example, you want to ignore inbound items to make sure that returns aren't considered during load planning. In the load plan hierarchy in the transportation cockpit, you can also specify whether to display all items or either inbound or outbound items only. Finally, you can specify in the load plan printing profile whether inbound or outbound items are to be ignored in the 3D images.

Implementation Details

Customizing

In the load plan printing profile, you can now specify which items are to be ignored in the 3D images using the new field *Ignore Items Based on BTD Type Code*. For more information, see Customizing for *Transportation Management* under *Basic Functions* > *Load Planning* > *Printing* > *Define Load Plan Printing Profile*.

Effects on Existing Data

In the *Edit Load Planning Settings* app, specify which items are to be ignored in the new field *Ignore Items During Load Planning Based on BTD Type Code*. In the *Transportation Cockpit* app, specify which items are to be displayed in the new field *Ignore Items*.

The existing field *Filter Items for Unified Package Building by BTD Type Code* in the *Edit Unified Package Building Settings* app has been renamed *Ignore Items During UPB Based on BTD Type Code* to ensure consistency.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`/SCMTMS/PLN`
	`/SCMTMS/PROF_LSOSET`
	`/SCMTMS/PROF_UPBSETT`
	Customizing activity:
	`/SCMTMS/V_LPPP`

Application Component	`TM-PLN-LP` (*Load Planning*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.3.2.13 Enhancements in Package Building

Business Details

With this feature, you can consider packaging, separation, and cover materials as auxiliary packaging materials during optimizer-based mixed package building. Further, you can define condition-based package building settings.

The following new functions are available:

- Consideration of auxiliary packaging materials during optimizer-based mixed package building
  In the *Change Package Type Assignment* app, you can now define new rules for placing the following auxiliary packaging materials on layered pallets:
  - Additional packaging materials
  - Separation materials
  - Cover materials

  For example, you can place an additional packaging material such as a pallet between two layers of products. In addition, you can place a separation material such as a slip sheet beneath this pallet. Or you can place a cover material such as bubble wrap above the topmost layer of a pallet when there is no crown. Some of these rules are supported by both volume-based mixed package building and optimizer-based mixed package building, others are supported by optimizer-based mixed package building only.
  For a full list of the new rules, see "Effects on Existing Data".

Auxiliary packaging materials are also displayed and considered in the load plan hierarchy (with their positions) and the 3D load plan of the transportation cockpit and the single document user interfaces (in the hierarchy types *Load Plan Layer* and *Load Plan*). They can be differentiated by dedicated colors.
The test cockpit for unified package building (UPB test cockpit) also shows the auxiliary packaging materials according to their position details in the 3D scene and the UPB result hierarchy. Each type of material is displayed with a dedicated color code.

- Condition-based package building settings
  Package building now offers a dynamic determination of package type assignments based on the package building process and the business document with its attributes. The following processes are supported:
  - Package building during freight unit building
  - Package building based on capacity documents
  - Creation of package units based on package building for freight units

  This new function uses conditions to determine package type assignments dynamically. Four new condition types and various new data access definitions that define the set of supported attributes have been made available. The new determination framework also supports reference materials and transportation zones.
  The test cockpit for unified package building (document-based) (`/SCMTMS/TEST_PLN_CPB`) also supports this new function.
  Note that this function is only supported in Transportation Management.
- Usability improvements in the UPB test cockpit
  - The 3D scene now shows details for any packaging level. In the UPB result hierarchy, you can select one or more packaging materials. The 3D scene then displays the selected packaging level, including the respective content if position details are available from the package building optimizer.
  - A new action is available to highlight specific items in the 3D scene. To activate it, double-click the action. The respective items are colored yellow in the 3D scene, and the icon in the action column indicates the selection.
  - You can select a packaging material in the item hierarchy to display only this material in the 3D scene.
  - A new *Deselect All* button is available to show the original 3D scene again.

Implementation Details

Customizing

If you want your auxiliary packaging materials to be displayed in a specific color in the 3D load plan, you can define these colors in Customizing. For more information, see Customizing for *Transportation Management* under *Basic Functions* > *Load Planning* > *Define Layouts for 3D Load Plan* > (*Colors* view). To see the colors in the 3D load scene, select *Color Items by Product* or *Color Items by Reference Product* in the context menu of the 3D load plan.

Effects on Existing Data

To use **condition-based package building settings**, you need to define conditions in the *Create Condition* app using the new condition types:

- `/SCMTMS/PB_PTA_C_DET`
- `/SCMTMS/PB_PTA_GEN`
- `/SCMTMS/PB_PTA_TOR`

- `/SCMTMS/PB_PTA_TRQ`

In the UPB test cockpit (document-based), you need to select the new checkbox *Transfer UPB Result Hierarchy* to extract the packaging hierarchy and transfer it to the UPB test cockpit and respect it in the 3D scene.

For more information, see the SAP Easy Access screen under *Logistics* > *Transportation Management* > *Administration* > *Unified Package Building* > *Unified Package Building - Test Cockpit (Document-Based)*.

To consider **auxiliary packaging materials**, you need to define rules in the *Change Package Type Assignment* app using the following fields:

- *Use Packaging Material per Layer (Product Change)* (this field previously existed under the name *Packaging Material per Layer*)
- *Use Packaging Material per Number of Layers*
- *Number of Layers*
- *Use Packaging Material Below Consolidation Layer*
- *Use Separation Material per Layer (Product Change)*
- *Use Separation Material per Number of Layers*
- *Number of Layers*
- *Separation Material* (this field previously existed under the same name)
- *Use Separation Material Below Consolidation Layer*
- *Use Separation Material on Topmost Layer* (this field previously existed under the name *Separation Material Mandatory*)
- *Use Separation Material Below Packaging Material*
- *Cover Material*
- *Use Cover Material*

These fields have been made available on the following three views of the app:

- *BP-Location*
- *Product-BP-Location*
- *Alternative Packaging Materials Groups - Alternative Packaging Materials* (previous name was *Packaging Materials*)

XCLAs `/SCMB/CL_XCLA_PRD_PKG_AS` and `/SCMB/CL_XCLA_BPL_PKG_AS` perform a data migration on database tables `/SCMB/PRD_PKG_AS` and `/SCMB/BPL_PKG_AS` to ensure that content of existing fields is mapped to the new fields during an upgrade from a lower release.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`/SCMB/PB_PKG_ASS`
	`/SCMTMS/PROF_COND`
	`/SCMTMS/PLN`
	Customizing Activity:
	`/SCMTMS/V_CONDTY`
	`/SCMTMS/C_CN_DAD`
	`/SCMTMS/VC_LPV`
	Report:
	`/SCMB/TEST_PB`
	`/SCMTMS/TEST_PLN_CPB`

Application Component	`SCM-BAS-PAK-PB` (*Package Building*); `SCM-BAS-PAK-UPB` (*Unified Package Building*); `TM-PLN-PB` (*Package Building*); `TM-PLN-LP` (*Load Planning*); `TM-PLN-TC` (*Transportation Cockpit*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Definition of a Condition for Process-Specific Determination of Package Type Assignments
Defining Auxiliary Packaging Materials
Defining Package Type Assignments

12.3.2.14 Harmonization of NLQs and ALQs for Resource Master Data

Business Details

With this feature, you can define four independent capacity quantities for vehicle resources, containers, and their corresponding equipment types.

Previously, only two quantity fields existed for the number of units and the alternative number of units. These fields were repurposed to carry normalized load consumption quantity (NLQ) and additional normalized load consumption quantity (ALQ) values, which led to inconsistent semantics with business document types for freight order management (that is, freight order and freight booking types, transportation unit types,

consignment order types, and freight unit types) where NLQ and ALQ are already modeled as dedicated quantities. This behavior prevented the use of all four quantity dimensions independently for planning.

With this feature, two new quantity fields for NLQ and ALQ have been made available. By adding these new fields, resource and equipment type capacity handling has been aligned with quantity handling for these business document types enabling more precise capacity planning.

The new fields aren't yet supported in all business processes. This harmonization provides the basis for an end-to-end usage in the future.

Implementation Details

Customizing

- You can now define NLQs and ALQs for your vehicle and container types in Customizing. For more information, see Customizing for *Transportation Management* under *Master Data* > *Resources* > *General Settings* > *Define Equipment Groups and Equipment Types*. The following new fields have been made available in the *Capacity* section of the *Vehicle Types* and *Container Types* views:
  - *Norm. Load Cons. Qty* and *UoM*
  - *Add. Load Cons. Qty* and *UoM*
- You need to define the NLQ and ALQ relevance for each unit of measure (UoM) that you plan to use as NLQ UoM or ALQ UoM. For more information, see Customizing for *Transportation Management* under *Basic Functions* > *Normalized Quantities (NLQ) and Additional Normalized Quantities (ALQ)* > *Define UoM Relevance for NLQ and ALQ*.
- You need to define conversion factors so that the system can automatically derive ALQs from NLQs. For more information, see Customizing for *Transportation Management* under *Basic Functions* > *Normalized Quantities (NLQ) and Additional Normalized Quantities (ALQ)* > *Define Conversion Between NLQ and ALQ UoM*.

Effects on Existing Data

Two new fields have been added to the resource master data (transaction `/SCMTMS/RES01`) in the *Additional Capacities* section on the *Capacity* tab for vehicle resources and containers:

- *Norm. Load Cons. Qty* and *UoM*
- *Add. Load Cons. Qty* and *UoM*

The XPRA `/SCMB/XPRA_2023_RES_NLQ_HRMNZE` migrates existing equipment types to the new NLQ and ALQ fields. After the upgrade, the silent data migration `/SCMB/CL_SDM_RES_NLQ_ALQ` continues to migrate existing vehicle resource and container master data in the background during normal uptime.

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	Not relevant

Technical Object Name	Customizing Activity:
	`/SCMTMS/VC_EQU`
	`/SCMTMS/V_LCUOMC`
	`/SCMB/V_FTPT_UOM`

Application Component	`TM-MD-RES` (*Resource*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Use of Normalized Quantities and Capacities

12.3.2.15 Transportation Activities for Transfer of Control

Business Details

With this feature, you can define which transportation activities cause the *Actual Transfer of Control Date* and *Actual Transfer of Control Time* fields to be populated in documents relevant for Advanced Intercompany and Multistage Intercompany processes.

Transfer of control dates refer to the date at which the risk responsibility is transferred between parties. For internal and external transfer of control, there are planned and actual transfer of control. TM registers the actual transfer of control date when you confirm that a certain transportation activity has happened, for example, Loading End or Arrived. The required activity depends on the Incoterm. The default transportation activities that cause the dates to be set do not always align with business needs. For example, if you don't use a transportation activity as part of your standard process, the actual transfer of control date is not set when that Incoterm is used. This feature allows you to select transportation activities that you do use to ensure that the actual transfer of control date is set at the right stage of the transportation process.

Implementation Details

Customizing

You can configure the feature in the Customizing for TM under *Freight Order Management* > *Execution Settings* > *Define Transportation Activities for Transfer of Control*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`/SCMTMS/V_INCVST`
Application Component	`TM-INT-LI` (*Logistics Integration - General*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.3.2.16 CDS Views for Transportation Management

Business Details

A new CDS view I_TranspOrdEnableSettlement is released to provide domain fixed values.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`I_TranspOrdEnableSettlement`
Application Component	`TM-CF-VDM` (*Virtual Data Model*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Transportation Order Settlement Enablement

12.3.2.17 BAdI for PPF Scheduling Conditions

Business Details Summary

With this feature, you can determine for which business objects Post Processing Framework (PPF) actions are scheduled using a Business Add-In (BAdI). A single implementation covers all PPF agent classes through a common superclass.

Business Details

The BAdI provides three execution modes to control how your custom scheduling logic interacts with standard PPF processing. You can use standard logic only, replace standard logic entirely with your own implementation, or combine both by enhancing standard results with additional criteria. This flexibility allows you to tailor PPF scheduling behavior to your specific business requirements without modifying standard code.

Implementation Details

The BAdI provides the following methods:

- `SET_BADI_WORK_MODE`: Controls how your custom logic interacts with standard processing
- `CAN_SCHEDULE_ACTION`: Implements your custom scheduling logic

To use the BAdI, create an implementation and configure how your custom logic should interact with standard PPF processing.

Customizing

To configure the Business Add-In for your specific requirements, in the Customizing, go to: *Cross-Application Components* > *Processes and Tools for Enterprise Applications* > *Reusable Objects and Functions for BOPF Environment* > *PPF Adapter for Output Management*

For standard settings and available filter values, refer to the Enh. Spot Element Definitions tab in BAdI Builder (transaction SE18).

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable

Technical Object Name	BAdI Definition:
	`/BOFU/BADI_PPF_SCHED_COND`
	Interface:
	`/BOFU/IF_BADI_PPF_SCHED_COND`

Application Component	`TM-INT (Integration)`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.3.2.18 OData API: Freight Booking (A2X)

Business Details

The *Freight Booking (A2X)* (API_FreightBooking_2) OData Version 4 service allows you to create, read, update, and cancel freight bookings. It also supports the management of freight units and consignment orders, enabling seamless integration between transportation management systems and external applications.

You can extend the API_FreightBooking_2 OData service according to your business needs for different aspects.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	n/a
Technical Object Name	`API: API_FreightBooking_2`
Application Component	`TM-FRM-API`
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Freight Booking (A2X)
Extensibility: Freight Booking (A2X)

12.3.2.19 OData API: Freight Order (A2X)

Business Details

The **Freight Order (A2X)** (API_FreightOrder_2) OData Version 4 service for comprehensive freight order lifecycle management, including creation, updates, cancellations, and freight unit assignments. Use this to integrate external systems with SAP Transportation Management for automated freight order processing, event reporting, and compliance checks including dangerous goods and incompatibilities validation.

You can extend the API_FreightOrder_2 OData service according to your business needs for different aspects.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	n/a
Technical Object Name	`API: API_FreightOrder_2`
Application Component	`TM-FRM-API`
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Freight Order (A2X)
Extensibility: Freight Order (A2X)

12.3.2.20 OData API: Freight Unit (A2X)

Business Details

The **Freight Unit (A2X)** (API_FreightUnit_2) OData Version 4 service for reading freight unit information including transportation details, items, stops, and stages. Use this API to retrieve comprehensive freight unit data for logistics tracking, transportation management, and supply chain visibility across your organization.

You can extend the API_FreightUnit_2 OData service according to your business needs for different aspects.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	n/a
Technical Object Name	`API: API_FreightUnit_2`
Application Component	`TM-FRM-API`
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Freight Unit (A2X)
Extensibility: Freight Unit (A2X)

12.3.2.21 OData API: Consignment Order (A2X)

Business Details

The **Consignment Order (A2X)** (API_ConsignmentOrder) OData Version 4 service for consignment order management enables external systems to create, update, and cancel consignment orders while managing freight unit assignments, supporting comprehensive transportation and logistics operations through standardized API integration.

You can extend the API_ConsignmentOrder OData service according to your business needs for different aspects.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	*n/a*
Technical Object Name	`API: API_ConsignmentOrder`
Application Component	`TM-FRM-API`
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Consignment Order (A2X)
Extensibility: Consignment Order (A2X)

12.3.2.22 SOAP API: Invoice Notification - Receive

Business Details

The *Invoice Notification - Receive* service allows you to receive notification to change the category of a freight settlement document in Transportation Management (TM).

This service receives a notification for any posted invoice and based on that changes the category of freight settlement document to Freight Settlement Document (FSD) or Credit Memo.

Technical Details

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

Application Component	`TM-FRS-IV` (*ERP Invoice Verification*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Invoice Notification - Receive

12.3.2.23 Revert Ready for Warehouse Processing Status After Failed Handover to EWM

Business Details

With this feature, you can reset the Ready for Warehouse Processing status in the TM freight order without administrator intervention when distribution of the LE delivery to EWM fails.

When EWM distribution fails during the Ready for Warehouse Processing process, the system notifies you immediately and provides a dedicated *Revert RfW* action for self-service recovery.

This reduces downtime and prevents order delays. You do not need an administrator to resolve warehouse processing deadlocks.

Implementation Details

Effects on Existing Data

When the LE delivery cannot be successfully distributed to EWM due to a distribution error, the TM freight order is notified and an error message appears in the *Document Errors* tab. Previously, this led to a deadlock situation where neither EWM nor TM could edit the delivery. Now you can use the *Revert Ready for Warehouse Processing* action to reset the status, which releases the freight order so you can make changes and continue processing.

To resolve the handover failure:

1. Open the freight document.
2. Check the *Document Errors* tab for the error message.
3. Click the *Revert Ready for Warehouse Processing* action to reset the status.
4. Make any necessary corrections to the freight order or delivery.
5. Retry the handover to EWM.

Technical Details

Field	Value
Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`/SPE/ID_HANDLING`
Application Component	`LE-SHP-TWW` (Transportation Management: Integration Warehouse)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.3.2.24 Documentation: Connecting to External Systems using Webservices

Business Details

This guide enables you to configure your system in a side-by-side setup for external logistics integration. The guide explains the available usage scenarios and required communication scenarios. You can select the scenarios relevant to your business and follow step-by-step instructions to complete the configuration.

The documentation was previously delivered as an attachment to an SAP Note, which made it less accessible and harder to find.

Technical Details

Type	Changed
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 FPS02

Related Information

Setting Up Side-by-Side Systems

12.4 Advanced Order Promising

12.4.1 Alternative-Based Confirmation (CA-ATP-ABC)

12.4.1.1 Minimum Highest Delay Rating Attribute

Business Details

With this feature, you can now use the rating attribute *Minimum Highest Delay* in the Configure Alternative Determination app to prioritize alternatives with earlier confirmations. This attribute measures delay as the difference between the latest confirmation date and the requested date, helping you avoid alternatives with very late confirmations, such as those based on replenishment lead time. By using this attribute, the system respects higher-ranked attributes and aims for early confirmations.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: F5354 *Configure Alternative Determination*
Application Component	CA-ATP-ABC (*ATP: Alternative-Based Confirmation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS02

Related Information

Rating Attributes and Hard Constraints

12.4.1.2 Product Substitution With Product Interchangeability Master Data

Business Details

With this feature, you can use *Product Interchangeability Master Data* as an additional substitution method source for product substitution in the *Configure Substitution Strategy* app. Product interchangeability master data are derived from the product collections maintained in the *Manage Product Interchangeability* app. In a substitution or follow-up strategy, they allow you to control the sequence for selecting alternative products and enables more flexible and precise substitution strategies.

You can configure entry points, traversal direction, behavior at chain ends, collection type preference and the leading product to fine-tune how substitute products are determined, ensuring alignment with your business priorities and inventory strategies.

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-ABC (*ATP: Alternative-Based Confirmation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Product Interchangeability

12.4.2 Backorder Processing (CA-ATP-BOP)

12.4.2.1 Enhancements to Backorder Processing

Backorder processing now includes features that provide more flexibility in order fulfillment processes.

Business Details

The following key capabilities are added to Backorder Processing (BOP):

- *Configure BOP Segment*: You can use an additional selection criterion to select ATP-relevant requirements based on the confirmation status at item level when you configure a BOP segment.
- *Monitor BOP Run*: The *Monitor BOP Run* app displays a visual percentage indicator that shows the progress of document updates.
- *Configure BOP Variant*: The *Configure BOP Variant* app now provides the option to perform checking as a document. When you select this option and perform availability checks during the BOP run, the system respects the customization maintained for order types, plants, and other parameters.
- You can now select order due lists (ODLs) in the *Configure BOP Variant* app. The system respects confirmation rules defined by strategies and maintains the sequence of requirements as assigned in the BOP variant.

The confirmation-based selection allows you to add *Item Confirmation Status* as a process characteristic in your BOP catalog, enabling more precise segmentation of backorders. The progress indicator provides real-time visibility into document update completion during BOP runs. The *Checking as Document* functionality ensures that availability checks performed during backorder processing align with your existing Product Availability Check (PAC) customization settings for different order types and plants.

The *Configure BOP Variant* app now includes *Source Type* field. You can use this field to select whether to assign an Order Due List (ODL) or a BOP segment to a strategy. The BOP run now considers requirements from both the ODL and the segments.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	1JW (Advanced Available-to-Promise Processing)

Technical Object Name	App ID:
	`F2158 (Configure BOP Segment)`
	`F2159 (Monitor BOP Run)`
	`F2160 (Configure BOP variant)`

Application Component	`CA-ATP-BOP` (*Backorder Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Configure BOP Segment
Configure BOP Variant
Monitor BOP Run
Configuration of Checking Rule Determination for Sales Documents [page 687]

12.4.2.2 New App: Manage Order Due List

Business Details

With the new *Manage Order Due List* app, you can prioritize critical requirements for backorder processing by maintaining a manual list of high-priority orders. This enables you to ensure that your most important customer orders receive confirmations first during automated backorder processing runs.

Key Features

- Requirement selection options: Users can select requirements using one of the following options:
  - BOP segment: Specify a BOP segment to filter requirements.
  - Upload file: Use a pre-defined template to upload requirements in bulk.
  - User-defined selection: Define selection and exclusion criteria based on document characteristics, with the option to save these criteria for future use.
- Prioritization of requirements: You can change the priority value to reassign priorities for requirements in an order due list (ODL).
- You can assign ODLs to Backorder Processing (BOP) variants for strategies. Requirements from the ODL participate in the BOP run in the same way as requirements selected from BOP segments.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: F9339 (Manage Order Due List)
Application Component	`CA-ATP-BOP` (*ATP: Backorder Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Order Due List

12.4.2.3 OData API: Order Due List

Business Details

With this feature, you can prioritize critical requirements for backorder processing by maintaining a manual list of high-priority orders through an OData V4 API.

With the OData V4 API, `Advanced Backorder Processing Order Due List (API_ABOPORDERDUELIST)`, you can perform operations such as creation, modification, or deletion of an Order Due List, including its associated requirements and language-dependent descriptions.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)

Technical Object Name	App ID:`F9339 (Manage Order Due List )` API: `Advanced Backorder Processing Order Due List (API_ABOPORDERDUELIST)`
Application Component	`CA-ATP-BOP` (*ATP: Backorder Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Advanced Backorder Processing Order Due List
Manage Order Due List

12.4.3 Interactive Backorder Processing (CA-ATP-IAB)

12.4.3.1 Alternative-Based Confirmations in Interactive BOP

Business Details

With this feature, you can evaluate requirements with alternative-based confirmations in Interactive Backorder Processing (IBOP). The system now supports evaluating one or more requirements with alternative-based confirmations. In addition, the recheck action for main items considers alternative-based confirmations to maximize confirmations. You can also manually adjust the confirmation dates and quantities of existing sub-items.

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 FPS02

Related Information

Interactive Backorder Processing (CA-ATP-IAB)

12.4.3.2 OData API: Interactive BOP Mass Confirmation Update

Business Details

With this feature, you can update confirmations for multiple sales documents and stock transport orders simultaneously through an OData API. This enables you to modify confirmation dates and quantities in bulk, significantly reducing manual effort and processing time. The API supports delivery proposals during confirmation adjustments and allows unrestricted checks to ensure data accuracy. You can also choose to include or skip fixed date and quantity requirements based on your business needs.

The OData API provides flexibility in managing confirmations by offering options to:

- Adjust confirmation dates and quantities across multiple documents
- Trigger delivery proposals automatically when making confirmation changes
- Perform unrestricted checks to validate adjustments
- Control whether fixed date and quantity requirements are considered during manual updates
- Allow setting or resetting of the *Fixed Delivery Date and Quantity* indicator for an item

The Interactive Backorder Processing Run API offers the `CheckAvailability` service operation, which provides an option to adjust the confirmations for a specified set of requirements.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	API: `API_IABOP_CONF_UPDT_RUN_04`

Application Component	`CA-ATP-IAB` (*ATP: Interactive Backorder Processing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Interactive Advanced BOP Mass Confirmation Update

12.4.3.3 Key User Extensibility in Interactive Backorder Processing

Business Details

With this new Business Add-in (BAdI), you can automatically control the Fixed Delivery Date and Quantity indicator during Interactive Backorder Processing runs based on your specific business rules. This BAdI enables you to implement custom logic that updates requirement attributes after the ATP check is completed, allowing you to prioritize critical customers, manage delivery commitments more effectively, and automate decision-making based on factors such as quantity differences or delivery date proximity.

The BAdI is called after the ATP check and provides access to full order data, requirements, and ATP confirmations. You can use this information to determine which items should have their Fixed Delivery Date and Quantity indicator updated. For example, you can automatically fix delivery dates for priority customers when quantity shortfalls are within acceptable limits, or only when confirmed delivery dates fall within a specific timeframe. An example implementation class (`CL_ATP_IBOP_UPDATE_RQMTS_EXMPL`) is provided to demonstrate common use cases.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	BAdI: `ATP_IBOP_UPDATE_REQUIREMENTS`
Application Component	`CA-ATP-IAB` (*ATP: Interactive Backorder Processing*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.4.4 Controller & Central Functions (CA-ATP-CTL)

12.4.4.1 Process Characteristics and Deprecated Characteristics

Business Details

In the *Manage Characteristics Catalog* app, you can now add process characteristics to the catalog. These characteristics carry information about the currently processed ATP check (for example, the product allocation sequence or the source of supply). You can also add your own process characteristics via a Business Add-In (BAdI). In addition, you can see in the catalog if a characteristic field has been deprecated due to the Virtual Data Model (VDM).

The system determines the values of the process characteristics during the processing of the ATP check. Process characteristics can for example be data like the product allocation sequence, the information whether the check has been initiated by your system or by a customer request, or the source of supply during third-party order processing. You can also create your own process characteristics and implement a Business Add-In (BAdI) to determine the characteristic values.

In addition, the catalog displays whether a characteristic field has been deprecated due to the Virtual Data Model (VDM) of the underlying business document. This information is visible in the catalog in a new column *Is Deprecated* in the list of characteristics and in the characteristic details in the *Manage Characteristics Catalog* app. You can choose to keep the deprecated fields in the catalog. If a successor field with same title exists, you can use an alias to make them easier to identify.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: F3829 *Manage Characteristics Catalog*
Application Component	`CA-ATP-CTL` (*ATP: Controller & Central Functions*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Process Characteristics
Renaming Characteristics

12.4.4.2 Paste Multiple Values into Select Options

Business Details

With this feature, you can paste multiple values at once into selection conditions in the Select Options tool (for example, used in Backorder Processing), eliminating the need to manually enter each value individually. This significantly reduces the time and effort required when working with large datasets, such as material lists or sales order numbers. You can copy data directly from Microsoft Excel or other sources and paste it into condition fields, and the system automatically creates the necessary condition rows for all pasted values.

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* F2158 *Configure BOP Segment*
Application Component	`CA-ATP-CTL` (*ATP: Controller & Central Functions*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Mass Creation and Mass Deletion of Selection Conditions in the Select Options Tool

12.4.5 Product Availability Check (CA-ATP-PAC)

12.4.5.1 New ATP Document Categories for Receipts

Business Details

With this feature in customizing of the scope of availability check, you can differentiate between order acknowledgements and inbound deliveries for purchase orders and stock transport orders using eight new ATP document categories. You can achieve more granular control over receipt grouping and better distinguish between order confirmations and inbound delivery documents in your ATP checks.

For the following ATP categories new subcategories are available:

Parent Category LA - Shipping Notification/Supplier Confirmation/PO Memo

ATP Subcategory	Description	Definition
LH	Vendor Order Acknowledgement without Inbound Delivery	Vendor order acknowledgement/confirmation for which no inbound delivery exists yet
LI	Vendor Order Acknowledgement with Inbound Delivery	Remaining quantity on a vendor order acknowledgement/confirmation for which already an inbound delivery exists
LJ	Vendor Inbound Delivery	Vendor inbound delivery
LN	Order Acknowledgement for Vendor Scheduling Agreement	Order acknowledgement for vendor scheduling agreement
LO	Inbound Delivery for Vendor Scheduling Agreement	Inbound delivery for vendor scheduling agreement

Parent Category LB - Shipping Notification (STO)

ATP Subcategory	Description	Definition
LK	STO Order Acknowledgement without Inbound Delivery	STO order acknowledgement/confirmation for which no inbound delivery exists yet
LL	STO Order Acknowledgement with Inbound Delivery	Remaining quantity on an STO order acknowledgement/confirmation for which already an inbound delivery exists
LM	STO Inbound Delivery	STO inbound deliver
LP	Order Acknowledgement for STO Scheduling Agreement	Order acknowledgement for STO scheduling agreement

ATP Subcategory	Description	Definition
LQ	Inbound Delivery for STO Scheduling Agreement	Inbound Delivery for STO scheduling agreement

Example

Example process for using the new ATP categories

The new ATP categories allow to model different scenarios. You can still include all shipping notifications in the scope of check or you could consider only inbound deliveries as the more reliable confirmation.

A more advanced scenario is a process where your vendor first sends an order acknowledgement and then inbound deliveries for your purchase order items. You want to always consider the "most recent" quantity from your vendor confirmations (i.e. first the order acknowledgement, then the inbound delivery). This can be achieved by including LH and LJ in the scope of check, but excluding LI.

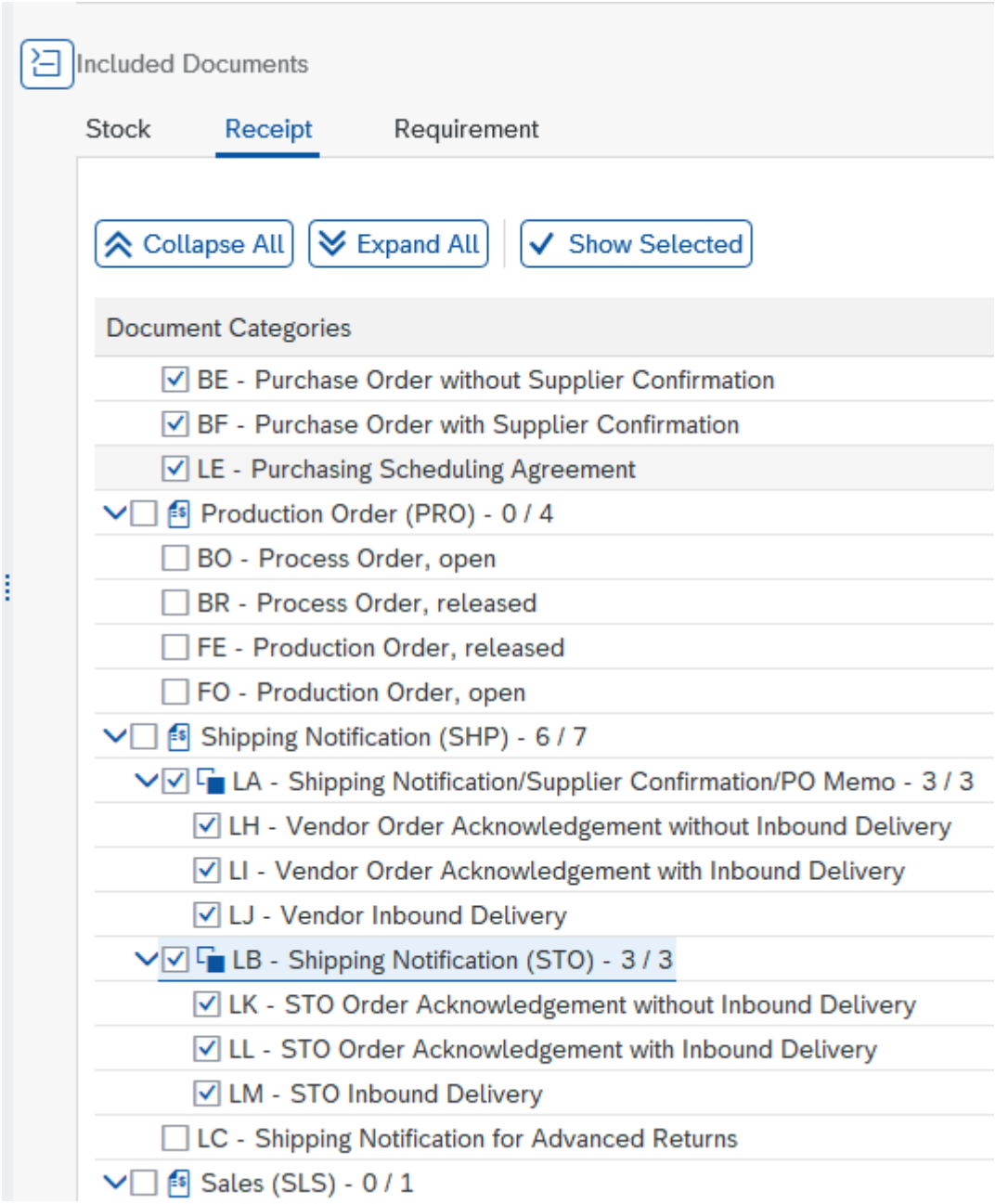
1. Purchase order item is created with a quantity of 10
2. Vendor sends an order acknowledgement for a quantity of 8. In the product availability check, you see 8 on the ATP category LH.
3. Vendor sends an inbound delivery only for a quantity of 6. In the check, you see 6 on ATP category LJ. The remaining quantity on the order acknowledgement now has ATP category LI and is no longer visible in the product availability check.

In addition, the ATP document categories are now displayed in a tree structure. Selecting one of the parent categories, for example, LA (Shipping Notification/Supplier Confirmation/PO Memo), automatically also selects the subcategories underneath (LH, LI, LJ, LN, LO).

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

Customizing

You can find the new ATP categories in Customizing of *Cross-Application Components* > *Advanced Available-to-Promise (aATP)* > *Product Availability Check (PAC)* > *Configure Scope of Availability Check* (transaction 0VZ9).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	Configuration Activity: *Configure Scope of Availability Check* `SIMG_CFMENUOLSDOVZ9`
Application Component	`CA-ATP-PAC` (*ATP: Product Availability Check*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Scope of Availability Check

12.4.5.2 Stock Hiding and Projection in the Product Availability Check

Business Details

With this feature, you can optimize product availability checks by temporarily hiding stock that requires processing and projecting it to become available at a later date or different location. This enables more realistic ATP confirmations by avoiding overly optimistic promises for stock undergoing quality inspection, maturation, or goods receipt processing, while preventing unnecessary backorders from overly pessimistic checks.

Four predefined scenarios are available:

- Stock Hiding (excludes certain storage locations)
- Maturation (considers stock available after a defined period)
- Expected Putaway (projects stock to a different location after processing)
- QM Inspection Lot (makes inspection stock available immediately for high-priority customers)

The system automatically creates virtual demand and supply elements to manage the stock visibility during the availability check.

Implementation Details

Customizing

You configure these scenarios in Customizing by defining source and target storage locations and lead times at *Advanced Available-to-Promise (aATP)* > *Product Availability Check (PAC)* > *Maintain Stock Hiding and Projection Scenarios*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	Customizing Activity: *Maintain Stock Hiding and Projection Scenarios*
Application Component	CA-ATP-PAC (*ATP: Product Availability Check*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Stock Hiding and Projection

12.4.5.3 Configuration of Checking Rule Determination for Sales Documents

Business Details

With this feature, you can configure checking rules for availability checks of sales documents based on document type, item category, plant and storage location. This enables you to tailor availability checks to your specific business processes and organizational structures, providing greater flexibility in managing stock availability across different sales scenarios, special stock situations and substitute plants in Advanced ATP.

Now you can maintain customized checking rules in Customizing, based on the selected key fields. The feature also supports checking rule determination for special stock indicators and works with Alternative Base Confirmation (ABC) plant substitution and Backorder Processing (BOP).

Implementation Details

Customizing

Activate the checking rule determination in Customizing at *Advanced Available-to-Promise* > *Configuration Activities for Specific Document Types* > *Sales Documents and Deliveries* > *Activate Checking Rule Determination for Sales Documents*. You can configure the determination at *Advanced Available-to-Promise* > *Configuration Activities for Specific Document Types* > *Sales Documents and Deliveries* > *Configure Checking Rule Determination for Sales Documents*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)

Technical Object Name	Customizing Activities:
	`ATPV_SLS_CR_ACT`
	`VC_ATP_SLS_CHKG_RULE`

Application Component	`CA-ATP-PAC` (*ATP: Product Availability Check*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Configurable Checking Rule Determination for Sales Documents

12.4.6 Product Allocation (CA-ATP-PAL)

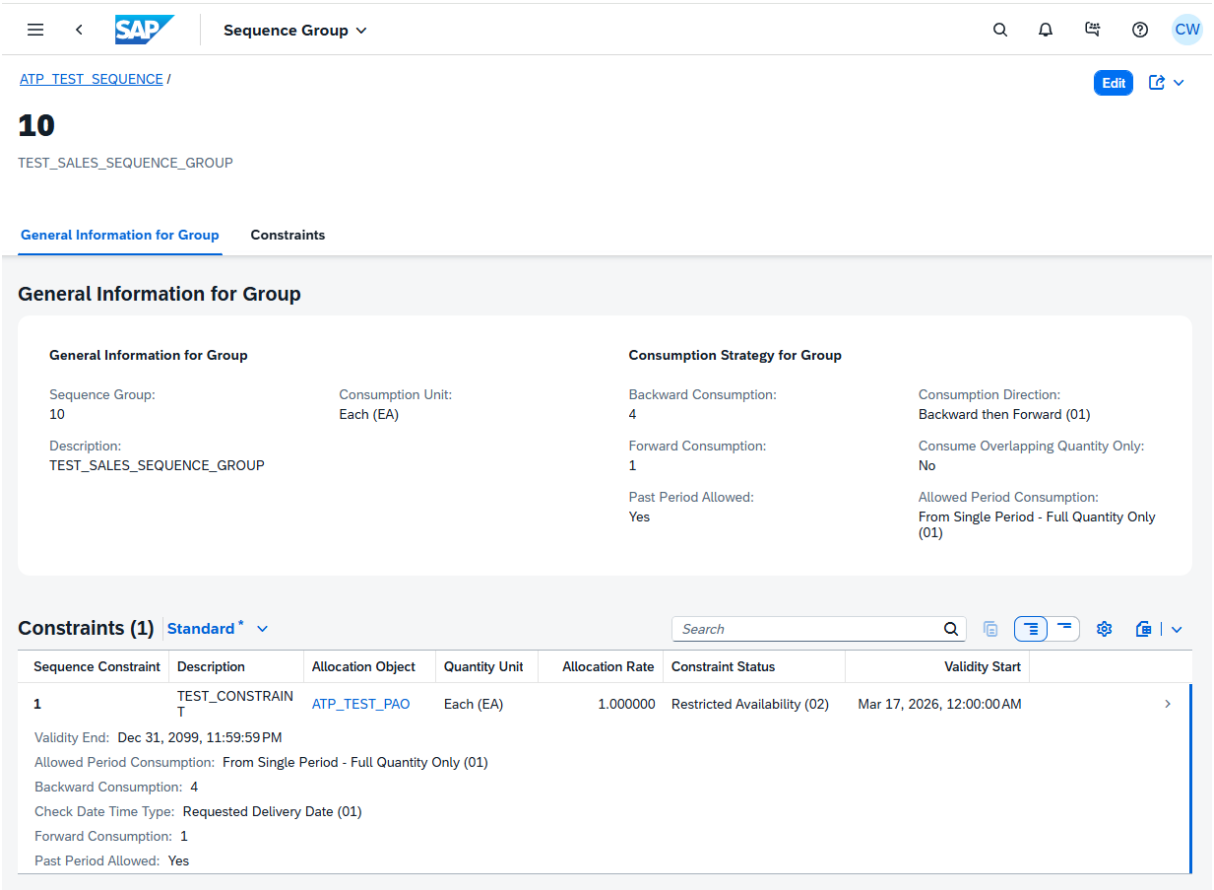
12.4.6.1 Allowed Period Consumption in Allocation Sequences

Business Details

With the new *Allowed Period Consumption* field in the *Manage Product Allocation Sequences* app, you can control how the system consumes allocation. Select the setting *From Single Period - Full Quantity Only* to consume only from a single period where the full quantity is available, preventing partial consumption across multiple periods. This is particularly beneficial for capacity allocation scenarios, such as truck loading, where you want to avoid partial loads and ensure efficient resource utilization.

Examples of the User Interface

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



Implementation Details

Effects on Existing Data

Existing allocation sequences get the default setting *From All Available*. The system doesn't change their period consumption.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: F2474 - Manage Product Allocation Sequences
Application Component	CA-ATP-PAL (*ATP: Product Allocation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Defining Consumption Strategy

12.4.6.2 Sales Order Referencing Other Sales Orders

Business Details

This feature enables you to perform availability checks against product allocation for sales orders that reference other sales orders. When creating a subsequent sales order with a reference, the system automatically transfers allocation quantities from the referenced order, making them available for the new order while reducing consumption in the predecessor order. This streamlines allocation management across related sales documents and ensures accurate quantity tracking throughout the sales process.

The system handles the quantity transfer between the orders in a similar way to other document types like fashion-related quantity contracts or sales quotations. During the product allocation check, the system identifies consumed allocation quantities from the referenced order and adds them back to the allocation time series, by this becoming available for the subsequent order to consume. Upon saving the subsequent order,

these quantities become its consumed quantities, while the predecessor order's consumption is reduced by the transfer quantity (the requested quantity of the subsequent sales order).

A key difference for referenced sales orders is that they may have partial deliveries. In such cases, the system only transfers allocation quantities for the remaining open quantity — reservations tied to already delivered quantities are excluded from the transfer. This ensures accurate allocation tracking across the entire sales process, even when deliveries have already occurred on the predecessor order.

Implementation Details

Customizing

To enable the transfer of quantities between referencing sales documents, activate the Copying Control in Customizing under *Sales and Distribution* > *Sales* > *Copying Control for Sales Documents* > *Sales Document to Sales Document* > . Set the *Pos./Neg. Quantity* field to **+**.

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 FPS02

Related Information

Sales Orders Referencing Other Sales Orders in Product Allocation

12.4.7 Supply Creation-Based Confirmation (CA-ATP-SBC)

12.4.7.1 Length-Based Availability Check and Characteristics Evaluation in SBC Supporting Backorder Processing

Business Details

With this feature, you can redistribute available supply among competing sales orders for length-based and characteristic-based products using Backorder Processing (BOP). You can perform the length-based availability check and characteristics evaluation with all available BOP confirmation strategies (Win, Gain, Improve, Redistribute, Fill, Lose, Skip). BOP also supports exception handling.

This enables you to optimize supply allocation for cable and similar length-based products as well as characteristic-based products across multiple customer orders based on your business priorities. When using BOP with length-based availability checks or characteristics evaluation, the system redistributes confirmations based on existing supply elements such as planned orders and production orders. However, supply creation is not carried out during the BOP run, even if configured.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	Not applicable
Application Component	CA-ATP-SBC (*ATP: Supply Creation-Based Confirmation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Length-Based Availability Check
Characteristics Evaluation

12.4.7.2 New Supported Document Types for Length-Based Availability Check and Characteristics Evaluation in SBC

Business Details

With this feature, you can perform length-based availability checks and characteristics evaluation with and without supply creation for stock transport orders (STOs) and sales orders without charge. This enables more accurate and efficient confirmation of quantities based on material length or other characteristics, supporting more accurate inventory management for length- and characteristic-based materials across your supply chain.

The check is automatically triggered during the conversion of stock transport requisitions to stock transport orders and can be rechecked after changes. You can also use this feature when creating STOs with length or variant characteristics in Purchasing (however, batch selection criteria can't be entered in transaction `ME21N`, such as tolerances or ranges).

Both check types now also support sales orders without charge as an additional document type.

Implementation Details

Customizing

To set up characteristics evaluation for stock transport orders, in Customizing choose *Cross-Application Components* > *Advanced Available-to-Promise (aATP)* > *Supply Demand-Based Capability Check (SCC)* > *Supply Demand-Based Capability Check Settings* to select the availability check type *Production Planning-Based Availability Check* for document purpose *STO* and your availability checking group.

To activate supply creation for stock transport orders, in Customizing choose *Cross-Application Components* > *Advanced Available-to-Promise (aATP)* > *Supply Demand-Based Capability Check (SCC)* > *Configure Enhanced Check Methods by Document Purpose* to activate supply creation for the document purpose *STO Stock Transport Order*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	Not applicable
Application Component	`CA-ATP-SBC` (*ATP: Supply Creation-Based Confirmation*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Length-Based Availability Check
Characteristics Evaluation

12.4.7.3 Length-Based Availability Check and Characteristics Evaluation for Checking Component Availability

Business Details

With this feature, you can check availability of components with variant configuration characteristics (such as color, size, or length) from interactive production planning for planned or production orders in PP/DS, based on the length-based availability check or characteristics evaluation in SBC. This enables more accurate and reliable order confirmations, especially in complex production scenarios with components with specific characteristics, helping you avoid production delays and improve fulfillment reliability.

The system automatically checks component availability at both planning and production order stages, considering only existing pegged supply elements with matching characteristics. No new supply is created during this check; supply creation for dependent demands occurs during multi-level planning.

Implementation Details

Customizing

Planned orders for which you want to perform a component check using the length-based availability check or characteristics evaluation need to exist in S/4HANA production planning. To achieve the replication, you need to remove the configuration via the following Customizing activity: *Advanced Planning* > *Integration via Core Interface (CIF)* > *Application-Specific Settings and Enhancements* > *Settings for Publication of Characteristics of Transactional Data* > *Remove Configuration Before Transfer to ERP*.

To set up the ATP check for components with characteristics, in Customizing of Advanced ATP, choose *Cross-Application Components* > *Advanced Available-to-Promise (aATP)* > *Supply Demand-Based Capability Check (SCC)* > *Supply Demand-Based Capability Check Settings*. Select document purpose *DPR (Dependent Reservation)* and your availability checking group and the availability check type *Production Planning-Based Availability Check*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	Not applicable
Application Component	CA-ATP-SBC (*ATP: Supply Creation-Based Confirmation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Length-Based Availability Check
Characteristics Evaluation

12.4.8 Master Data Substitution (CA-ATP-SUB)

12.4.8.1 New App: Manage Product Interchangeability

Business Details

With the *Manage Product Interchangeability* app, you can manage complex product supersession chains and form-fit-function (FFF) classes to automatically determine alternative products when the requested product is unavailable. This enables you to improve order fulfillment rates by leveraging product substitution strategies, reduce stockouts, and optimize inventory utilization across your supply chain through configurable traversal logic and prioritization rules.

The *Manage Product Interchangeability* Fiori app allows you to maintain supersession chains and FFF class collections with an intuitive network graph visualization. The system supports complete traversal of complex supersession chains with configurable sequencing logic and prioritization strategies. You can configure the lead product based on your business requirements. The feature integrates with Alternative Based Confirmation (ABC) strategy by enabling product substitution during the confirmation process with multiple configurable options for sequencing and lead product determination.

- **Maintain Supersession Chains**: With this feature, you can manage supersession chains to systematically replace obsolete products with new versions. This enables you to handle various substitution scenarios (one-to-one, one-to-many, many-to-one, and one-to-zero) with location-specific attributes like use-up strategies, validity dates, and planning dates. The feature supports advanced ATP, eSPP and PP/DS applications.

- **Maintain Form-Fit-Function Class** : With this feature, you can group fully interchangeable products with identical form, fit, and functional attributes into Form-Fit-Function (FFF) classes. This enables you to optimize inventory management and order fulfillment by treating products from different manufacturers as substitutable alternatives. You can create FFF collections and subsets through the Manage Product Interchangeability Fiori app, supporting both advanced ATP and eSPP planning processes. FFF classes allow you to maintain collections of products that are completely interchangeable. Unlike other substitutions, FFF classes do not have validity dates. You can define FFF subsets, which are smaller groups within an FFF class that include a leading product indicator and location data for planning purposes.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: F9354 (Manage Product Interchangeability)
Application Component	CA-ATP-SUB (*ATP: Substitution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Product Interchangeability

12.4.8.2 OData API: Product Interchangeability

Business Details

With this OData V4 API, you can modify product interchangeability data into your Advanced Available-to-Promise (aATP) processes. This enables you to define and manage product interchangeability collections, including atomic substitutions, form-fit-function classes, and group assignments, allowing your system to automatically suggest alternative products when the requested item is not available.

The Product Interchangeability API (`API_PRODINTCHGTYCOLLECTION`) provides access to entities for managing product substitution scenarios:

The API uses OData V4 protocol and is published on SAP Business Accelerator Hub. It supports optimistic concurrency control through ETags and can be monitored using SAP Application Interface Framework (AIF) for error handling and message tracking.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	API: `API_PRODINTCHGTYCOLLECTION`
Application Component	`CA-ATP-SUB` (*ATP: Substitution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Product Interchangeability

12.4.8.3 Key User Extensibility in Product Interchangeability

Business Details

With this new Business Add-in (BAdI), you can extend and customize Product Interchangeability functionality in Advanced ATP through three new BAdI methods. You can perform additional validation checks beyond standard validations, modify substitution results by adjusting sequence numbers and lead indicators during ATP checks, and identify Bill of Distribution (BOD) locations before interchangeability data is read.

The following BAdIs are available:

- `PROD_INTCHGTY_VALIDATE`: This BAdI runs after standard validations complete without errors, allowing you to implement custom consistency checks and populate error messages.
- `PROD_INTCHGTY_MODIFY_SUBS_RSLT`: This BAdI is called during ATP checks when Product Interchangeability data is read, enabling you to modify sequence numbers of substitutes and lead indicators in the substitution results.

- `PROD_INTCHGTY_GET_BOD_LOC`: This BAdI is called before Product Interchangeability data is read, allowing you to determine and modify BOD Plant and BOD MRP Area values to control which location-specific data is retrieved.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)

Technical Object Name	BAdI:
	`PROD_INTCHGTY_VALIDATE`
	`PROD_INTCHGTY_MODIFY_SUBS_RSLT`
	`PROD_INTCHGTY_GET_BOD_LOC`

Application Component	`CA-ATP-SUB` (*ATP: Substitution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.4.9 Supply Protection (CA-ATP-SUP)

12.4.9.1 Supply Protection and Partial Deliveries

Business Details

With this feature, you can optimize supply protection when rechecking sales orders with partial deliveries. The system now handles already-delivered quantities by keeping their original matching time bucket assignments while only assigning open quantities during rechecks. Deliveries without consumption in the first check won't consume protection during a recheck for the open quantity. Additionally, quantities assigned by Supply Assignment aren't treated as open quantities during a recheck.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: F4569 *Manage Supply Protection*
Application Component	CA-ATP-SUP (*ATP: Supply Protection*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Consuming Supply Protection

12.4.10 Availability Change Response (CA-ATP-ACR)

12.4.10.1 Availability Change Response

Availability Change Response (ACR) enables automated, event-driven reactions to stock changes, allowing configurable follow-up actions such as focused Backorder Processing (BOP) runs and managed order due lists (ODLs). This feature streamlines high-priority order fulfillment and provides Fiori apps for easy configuration and monitoring, making it valuable for responsive and efficient supply chain management.

Business Details

With this feature, as an example, you can automatically trigger focused Backorder Processing (BOP) runs in response to availability changes such as goods receipts. The system enables event-driven responses with configurable follow-up actions such as BOP. This ensures prompt reaction to stock changes and efficient confirmation of critical orders without long runtimes, improving order fulfillment for your other priority customers.

The Availability Change Response (ACR) framework includes Fiori apps for configuration and monitoring. You can define conditions with dynamic filters, attach them to responses, and configure actions such as focused BOP runs.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App IDs: F9338 Configure Availability Conditions F9337 Configure Availability Change Response F9336 Monitor Availability Change Response
Application Component	CA-ATP-ACR (*Availability Change Response*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Availability Change Response (CA-ATP-ACR)

12.4.10.2 New App: Configure Availability Change Condition

Availability Change Response (ACR) framework requires a configurable condition definition to determines the changes that are relevant for processing.

Business Details

With the *Configure Availability Change Condition* app, you can define and manage conditions that attach to automated responses when availability changes. You can create condition criteria based on characteristics such as materials, plants, and storage locations to name a few.

You can create, edit, and manage condition definitions through a Fiori interface. The app uses the Select Option Tool (SOT) to define conditions and provides flexible condition definitions based on the Availability Change Processing catalog.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID:F9338 (Configure Availability Change Condition)
Application Component	CA-ATP-ACR (*Availability Change Response*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Configure Availability Change Condition

12.4.10.3 New App: Configure Availability Change Response

Availability Change Response (ACR) framework requires a configurable response object to determine if processing is relevant and also defines the follow-up actions to be run when availability changes occur.

Business Details

With the *Configure Availability Change Response* app, you can configure actions and integrate Availability Change Conditions to automatically trigger focused Backorder Processing (BOP) runs in response to availability changes such as goods receipts. This ensures prompt reaction to stock changes and efficient confirmation of critical orders improving order fulfillment.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	1JW (Advanced Available-to-Promise Processing)
Technical Object Name	App ID: F9337 (Configure Availability Change Response)
Application Component	CA-ATP-ACR (*Availability Change Response*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Configure Availability Change Response

12.4.10.4 New App: Monitor Availability Change Response

The Availability Change Response (ACR) framework requires options to monitor the end-to-end processing logs.

Business Details

With this app, you can monitor and track availability change responses triggered by stock movements in real-time. This Fiori app provides comprehensive visibility into how your system responds to inventory changes, including detailed logs of automated backorder processing actions.

The *Monitor Availability Change Response* app allows you to search and filter change responses by document number and other criteria. It displays response details in a flexible column layout, showing processing status, triggered events, and material/plant information. You can drill down into event records and response action logs to see the complete chain of automated actions, including links to condition definitions, response configurations, and backorder processing runs. The app clearly indicates whether actions completed successfully or encountered errors, with detailed error logs available for troubleshooting.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	1JW (Advanced Available-to-Promise Processing)

Technical Object Name	App ID: F9336 (Monitor Availability Change Response)
Application Component	CA-ATP-ACR (*Availability Change Response*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Monitor Availability Change Response

12.5 Extended Service Parts Planning

12.5.1 Apps in Extended Service Parts Planning

12.5.1.1 General

12.5.1.1.1 Display BODs Assigned to Product

Business Details

This app enables you to review Bill of Distribution (BOD) assignments for products through a modern interface. The app provides functional parity with the SAP GUI transactions for displaying BODs assigned to products and assigning or unassigning products to/from BODs, supporting faster validation and decision-making for current and future BOD assignments.

The app consists of two main screens: a *List Report* and a *Product Object Page*. The *Product Object Page* includes an *Assigned BODs* section with two tabs (*Without Change Version* and *With Change Version*) and a *Product* section. All maintenance activities are performed exclusively in the *Without Change Version* section when in edit mode, while the *With Change Version* section remains read-only. You can navigate directly to the *Maintain Bill of Distribution* app for further review or maintenance activities.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	F9288
Application Component	SCM-BAS-MD-BOD
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Display BODs Assigned to Product

12.5.1.1.2 Maintain Bill Of Distribution

Business Details

This app now supports comprehensive product assignment management, enabling you to view, assign, unassign, and perform mass assignments of products to a Bill of Distribution (BOD) directly within the Fiori interface.

A new read-only *Product Assignment* section displays all product assignments relevant to the selected BOD.

The following actions are available on the list page:

- *Assign Product*: create or delete product assignments.
- *Move Product Assignment*: move existing product assignments from one BOD to another.

These features provide functional parity with the corresponding SAP GUI transactions:

- Display products assigned to BODs (`/SAPAPO/PROD_DISP`).
- Assign products to BODs (`/SAPAPO/PROD2BOD_M`).
- Adopt product assignments to a BOD (`/SAPAPO/BODMASS`).

A new navigation option lets you access the application that displays the log of successful and unsuccessful product assignment operations.

This log provides detailed insights into the processing results and helps you identify data issues to resolve for successful product assignments in future runs.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`F9025`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Maintain Bill of Distribution

12.5.1.1.3 Manage Mass Maintenance

Business Details

The *Manage Mass Maintenance* app now includes several enhancements:

- Mass editing of triggers
- Support for the active version of all business objects
- The ability to view and download forecast key figure data

These enhancements let you efficiently manage production and simulation data within a single application.

You can now display, edit, insert, and download data for triggers. This enhancement extends the scope of mass maintenance, enabling you to efficiently manage additional data types within a single application.

Additionlly, you can now maintain supported business objects in both the active version and the simulation version.

You can now also view and download forecast key figure data directly though this app. The new read-only entity automatically adjusts to your configured forecast periodicity (monthly or weekly) and enables you to filter data by multiple criteria, streamlining your forecast data analysis. For more information, see Manage Mass Maintenance - Forecast Key Figure [page 722].

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	F7729
Application Component	SCM-APO-SPP
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Mass Maintenance

12.5.1.1.4 Manage Mass Processing

Business Details

The *Manage Mass Processing* app now includes several enhancements:

- Mass upload, validation, simulation, and execution for triggers
- Support for the active version of all business objects in mass upload

These enhancements extend the scope of mass processing beyond the previously supported business objects, enabling efficient simulation and production data, validation, and execution of data changes across additional eSPP data types.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	F7733
Application Component	SCM-APO-SPP
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Mass Processing

12.5.1.2 Inventory Planning

12.5.1.2.1 Analyze Cost Optimizer Results

Business Details

With this app, you can analyze Cost Optimizer inventory planning results using an interactive review booklet that provides multidimensional analytical capabilities for the key planning outputs generated by the Cost Optimizer. The app allows you to visualize planning costs, target service levels, safety stock calculations, and stocking decisions to support data-driven inventory planning across the supply chain network.

The review booklet is organized into page groups containing analytical pages with pivot table and chart visualizations. Analysis is supported across multiple business aggregation levels including Bill of Distribution (BOD), product group, cluster, location, and location product. Either a Bill of Distribution or location filter must be specified before execution; otherwise the system displays an error message. The app visualizes both approved and pending approval results, with pending values displayed using a *(Temp)* naming convention. Advanced capabilities include adding custom measures, defining threshold values with color-based highlighting, switching chart types (except for Safety Stock pages which use fixed time-series charts), and integrated commenting for collaboration.

Implementation Details

Authorizations

To enable users to access this app, their business users need to 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	F9384
Application Component	SCM-APO-SPP-SIP
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Analyze Cost Optimizer Results

12.5.1.2.2 Approve Cost Optimizer Results

Business Details

This app enables you to review and approve Cost Optimizer inventory planning results that have been marked for manual approval based on the configured Cost Optimizer approval rules before they are released for subsequent planning processes.

This app supports the Cost Optimizer-based inventory planning capabilities within eSPP. Approval is performed at the product level across all locations within the assigned Bill of Distribution (BOD), rather than at individual location-product level, to preserve consistency of cost-optimized planning results. When any location product exceeds configured approval thresholds, all location results for that product are included in the approval process. The app organizes pending approvals into three facets: *Stocking/Destocking Decision*, *Target Service Level*, and *EOQ/Safety Stock*. Location-level details show current values, proposed Cost Optimizer values, and approval threshold values. Economic Order Quantity (EOQ) is displayed for review but does not independently trigger manual approval. Approval or rejection decisions automatically apply to all associated location results for the product within the BOD.

Implementation Details

Authorizations

To enable users to access this app, their business users need to have the business role `SAP_BR_INVENT_PLANNER_SPP` assigned.

Customizing

Configure approval thresholds using an *Approval Profile* in Customizing for *Extended Service Parts Planning* under *Inventory Planning* > *Cost Optimizer* > *Define Approval Profile for Cost Optimizer*. Assign the *Approval Profile* to the relevant Cost Optimizer service profile in Customizing for *Extended Service Parts Planning* under *Inventory Planning* > *Cost Optimizer* > *Define Service Profile for Cost Optimizer*. Maintain the *Approval Profile* field to specify which profile is used during the Cost Optimizer planning run.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`F9619`
Application Component	`SCM-APO-SPP-SIP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Approve Cost Optimizer Results

12.5.1.2.3 Manage Cost Optimizer Approval Rules

Business Details

This app enables you to read and maintain approval rules for Cost Optimizer inventory planning results, allowing you to control when planning results require manual approval before they are released for subsequent planning processes. You can now define thresholds for safety stock, target service level, and replenishment indicators at multiple business granularity levels.

The app evaluates approval thresholds during Cost Optimizer runs to determine whether manual approval is required. The system checks for approval rules starting at the most specific level (location product) and progressively evaluates higher levels (cluster, product group, location). If no rule is found at any level, the *Global Fallback Approval Rule* is automatically applied to ensure consistent approval behavior.

For safety stock, you can define maximum permitted absolute and relative deviations with AND or OR logic evaluation. For target service level, you can define maximum permitted absolute percentage deviation. For replenishment indicator, you can specify the permitted direction of change between stocked and non-stocked status.

The app provides standard SAP Fiori list report capabilities including search, filter, personalize filters, configure view settings, manage view variants, and export approval rule data.

Implementation Details

Authorizations

To enable users to access this app, their business users need to have the business role `SAP_BR_INVENT_PLANNER_SPP` assigned.

Customizing

Configure an approval profile in Customizing for *Extended Service Parts Planning* under *Inventory Planning* > *Cost Optimizer* > *Define Approval Profile for Cost Optimizer*.

To use an approval profile during a Cost Optimizer planning run, assign it to the relevant Cost Optimizer service profile in the following in Customizing for *Extended Service Parts Planning* under *Inventory Planning* > *Cost Optimizer* > *Define Service Profile for Cost Optimizer*. In this activity, maintain the *Approval Profile* field to specify which approval profile is used during the Cost Optimizer planning run.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`F9618`
Application Component	`SCM-APO-SPP-SIP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Cost Optimizer Approval Rules

12.5.1.2.4 Manage Cost Profiles

Business Details

With this feature, you can now better maintain cost profiles for the Cost Optimizer process, including cost-based stocking/destocking configuration, unit of measure synchronization, and product-based search functionality to streamline master data management across the distribution network.

The cost-based stocking/destocking section allows assignment of decision tables used by the Cost-Based Stocking & Destocking Determination planning service, which runs before the Cost Optimizer planning service to determine location product relevance for stocking and destocking decisions. The unit of measure (UoM) synchronization feature addresses inconsistencies that may arise from changes to global UoM Customizing, ensuring all cost parameters remain aligned with current definitions. Product-based search returns cost profiles for all locations where a selected product is assigned and included in the corresponding Bill of Distribution (BOD).

Implementation Details

Authorizations

To use this application, business users must be assigned the business role `SAP_BR_INVENT_PLANNER_SPP`. Access to manage cost profiles can be restricted to specific locations using the authorization object `C_APO_LOC` with the following activities:

- Create and Edit (Change)
- Delete

This authorization concept enables location-specific control over cost profile maintenance.

Customizing

The units of measure (UoM) for volume, weight, and length, as well as the currency used to maintain cost profiles for each planning version, must be defined in Customizing for *Extended Service Parts Planning* under *Inventory Planning* > *Cost Optimizer* > *Define Units of Measure for Cost Optimizer*.

Before assigning a decision table profile in the cost-based stocking/destocking section, configure the required decision table and decision profile in Customizing for *Extended Service Parts Planning* under *Inventory Planning* > *Set Up Decision Tables for Stocking/Destocking*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	F8983
Application Component	SCM-APO-SPP-SIP
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Cost Profiles

12.5.1.2.5 Planning Results LogBook

Business Details

This app enables planners to compare Forecasting and Inventory Planning results within Extended Service Parts Planning (eSPP). Planners can evaluate the impact of planning parameter changes and track how planning results evolve over time through historical comparison.

The app supports comparison of planning results from all inventory planning modes, including eSPP calculation, Multi-Echelon Inventory Planning, and Cost Optimizer. Planning results can be captured and compared for both OEM and OEM-MI (Dealer Planning) locations across the complete service parts planning network.

Planners can compare snapshots within the same planning version or across different planning versions (for example, comparing version 000 with version 001). The app provides multidimensional comparison capabilities using global filters such as planning snapshot, planning version, Bill of Distribution (BOD), aggregation level, and unit of measure. Additional contextual filters including product group type, product group value, cluster type, and cluster value are dynamically available based on the selected aggregation level.

Comparison results are presented in both table view and chart view, enabling detailed review of planning values and identification of trends, deviations, and planning changes through graphical visualizations.

Implementation Details

Authorizations

To enable users to access this app, their business users need to 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	`F9620`
Application Component	`SCM-APO-SPP-SIP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Planning Results LogBook

12.5.1.3 Lead Time

12.5.1.3.1 Manage Lead Time Analysis

Business Details

This feature enables you to get detailed outlier information for Advanced Shipping Notification (ASN) deliveries identified during lead time analysis. The enhancement provides complete traceability of statistical outliers, enabling validation of analysis results and better understanding of their impact on calculated lead times.

Previously, the application displayed only the aggregated number of analysis periods containing statistical outliers in the *Lead Time Analysis* section. Although you could identify that outliers existed, it was not possible to determine the specific analysis periods in which they occurred or identify the individual ASN deliveries that had been classified as outliers. As a result, validating the statistical analysis results and understanding the impact of outliers on the calculated lead times required additional manual analysis.

The enhancement introduces the following capabilities:

- Visualize normal and outlier ASN deliveries separately in the *Lead Time Duration per Period* chart
- Display separate average transportation duration values and separate ASN delivery counts for normal and outlier ASN deliveries for each analysis period
- Switch between current and pending outlier datasets using a segmented button to compare approved lead time analysis results with newly calculated results awaiting approval
- View outlier indicators directly in the *Delivery Status Updates* table at both the ASN delivery and ASN item levels
- Synchronize the chart and table content based on the selected current or pending dataset, ensuring consistent analysis across visualizations and detailed records

Implementation Details

Authorizations

To use this application, business users need to be assigned the business role `SAP_BR_DATA_MAINT_SPP`. Additionally, users must have authorization for authorization object `ESPP_DRP` for field `APO_LOC` for the destination location.

Customizing

As one of the first steps in preparing to execute the *Lead Time Analysis* planning service, you must define the required status groups for lead time analysis in Customizing for *Extended Service Parts Planning* under *Lead Time* > *Define Status Groups for Lead Time Analysis*.

Before executing the lead time analysis planning service, you also must configure the required service profile in Customizing for *Extended Service Parts Planning* under *Lead Time* > *Define Service Profile for Lead Time Historical Analysis*

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`F8788`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Lead Time Historical Analysis Service [page 727]
Manage Lead Time Analysis

12.5.1.4 OEM-Managed Inventory

12.5.1.4.1 Manage Dealer Replacements

Business Details

This app enables you to manage predecessor-successor relationships between dealer locations to support automated dealer replacement scenarios.

With the Manage Dealer Replacements app, you can create, maintain, and delete relationships between predecessor and successor dealer locations. These relationships serve as the foundation for automated dealer replacement processes, which include copying dealer products and reassigning demand history from one location to another.

The app provides a streamlined interface with a *List Report* view and a *Product Object Page*. You can perform the following actions:

- **Create**: Establish new dealer replacement relationships
- **Delete**: Remove one or more existing dealer replacement relationships

When creating a dealer replacement, you must specify:

- One predecessor dealer location
- One successor dealer location
- An effectivity date that determines when the replacement becomes valid

Additionally, you can choose between two replacement types:

- **Full Replacement**: The successor dealer location completely replaces the predecessor location
- **Partial Replacement**: Only specific product segments are transferred. When selecting this option, you must define the segmentation by specifying product group types and product groups

This functionality streamlines organizational changes such as dealer consolidations, relocations, or territory restructuring by automating the transfer of business data between locations while maintaining historical continuity for demand planning and product management.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	F9316
Application Component	SCM-APO-SPP
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Dealer Replacements

12.5.1.4.2 Monitor Dealer Status

Business Details

This app enables OEM planners to monitor and assess the operational health of their managed dealer network through a modern SAP Fiori interface. The app provides a consolidated view of dealer performance KPIs calculated by a background PSM planning service, supporting faster identification of issues and decision-making across the entire dealer network.

The *Monitor Dealer Status* app consists of two main screens designed to provide comprehensive oversight and detailed analysis capabilities:

- **List Report**
  The *List Report* displays all dealer locations with their latest KPI snapshot in a table format. An interactive comparison chart positioned directly above the list enables visual comparison of selected indicators—such as Count Dealer Products, In-Transit Items, Demand Errors, or Stock Values—across all dealers simultaneously. The chart updates dynamically based on active filter selections. The filter bar is pre-configured by default to display both Active and Inactive dealers.
- **Dealer Location Object Page**
  The *Dealer Location Object Page* provides in-depth information for a selected dealer, organized into the following sections:
  - **Dealer Products**: Product portfolio breakdown by OEM-MI relevance and stocking status
  - **Performance KPIs**: In-transit line items, excess stock products, and stock values
  - **Collaboration Status**: Stocking/destocking and stock transfer order (STO) approval and rejection counts for the last 30 days, including pending decisions
  - **Dealer Setup Status**: Flags for missing transportation lanes, missing VMI attributes, and missing location aliases
  - **Trends**: Historical weekly charts covering product portfolio, stock values, in-transit items, demand errors, and stocking and STO decisions

Navigation and Integration

Most KPI indicator values on the *Object Page* are displayed as navigation links. Selecting a link opens the related SAP Fiori application pre-filtered to the relevant dealer context—for example, the dealer product list, stocking and destocking proposals, or STO approval items. This enables direct action without manual filter setup, streamlining the workflow for OEM planners.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`F9315`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.5.2 General Features

12.5.2.1 Enterprise Search Model for Bill of Distribution (BoD) Hierarchy and Location Data

Business Details

With this feature, you can quickly identify the Bill of Distributions (BoDs) to which a location is assigned, view the hierarchy level of a location within each BoD, and seamlessly navigate to the Maintain Bill of Distribution SAP Fiori app for further analysis and maintenance. This reduces the effort required to analyze distribution network master data, improves planner productivity, and accelerates access to BoD hierarchy and location assignment information.

The search model for Bill of Distribution (BoD) Hierarchy and Location Data enables planners to quickly search and access BoD hierarchy and location assignment information using SAP Enterprise Search. By providing full-text search capabilities across BoD name, BoD description, location ID, and location description, users can efficiently locate relevant BoD and location master data.

Implementation Details

Authorizations

To use this enterprise search model, users require the following authorization:

- Authorization Object: `C_APO_RELH`
- Activity: 03 (Display)

As an example, this authorization object is included in the standard backend role `SAP_SCM_ESPP_DEMADMD`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Search Model: `ESH_S_BODLOCATIONS`
Application Component	`SCM-BAS-MD-HI`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.5.2.2 Enterprise Search Model for Bill of Distribution (BoD) Product Assignments

Business Details

With this feature, users can quickly identify the Bill of Distributions (BoDs) to which a product is assigned, view the associated planning version for each assignment, and retrieve product assignment information across BoDs through a single enterprise search. This improves the efficiency of analyzing product assignments, reduces the effort required to locate relevant master data, and accelerates planning and maintenance activities.

The search model for Bill of Distribution (BoD) Product Assignments enables planners to quickly search and access product assignment information across Bills of Distribution using SAP Enterprise Search. By providing full-text search capabilities across BoD name, BoD description, product ID, and product description, users can efficiently locate product-to-BoD assignment data.

Implementation Details

Authorizations

To use this enterprise search model, users require the following authorization:

- Authorization Object: `C_APO_RELH`
- Activity: 03 (Display)

As an example, this authorization object is included in the standard backend role `SAP_SCM_ESPP_DEMADMD`.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Search Model: `ESH_S_BODPRODASSIGNMENT`
Application Component	`SCM-BAS-MD-HI`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.5.2.3 Product Interchangeability Data Model Support

Business Details

This feature enables you to use the new Product Interchangeability data model for product substitution in your Extended Service Parts Planning (eSPP) processes. The Product Interchangeability data model, introduced by Advanced Available-to-Promise (aATP), provides a standardized approach to managing product substitution relationships.

Implementation Details

Customizing

For backward compatibility with systems that do not yet support the Product Interchangeability data model, this functionality is disabled by default. To activate the use of the new data model in eSPP, navigate to the *Extended Service Parts Planning* Customizing and choose *Supersession* > *Settings for Calculating*

Supersession Times. In this configuration screen, set the flag *Use Product Interchangeability Master Data* to enable the feature.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	SCM-APO-SPP-SUS
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.5.2.4 Forecasting

12.5.2.4.1 Dual Forecasting for Customer-Facing and Stocking Forecasts

Business Details

With this feature, you can calculate and manage two separate forecast types in Extended Service Parts Planning: a customer-facing forecast that reflects actual customer demand patterns, and a stocking forecast for internal inventory replenishment. The customer-facing forecast run feeds directly into the new cost optimizer, enabling you to make more accurate strategic planning decisions and optimize inventory costs by distinguishing between external demand and internal stocking requirements.

Previously, Extended Service Parts Planning used a single forecast approach that combined customer demand and stocking needs. This dual forecasting capability now allows you to:

- **Separate demand planning from inventory planning**: The customer-facing forecast captures true customer demand patterns without being influenced by internal replenishment strategies, while the stocking forecast addresses your inventory positioning needs.
- **Improve cost optimization**: By feeding the customer-facing forecast into the cost optimizer, you receive more accurate inputs for strategic decisions about service parts inventory investments and positioning.
- **Enhance forecast accuracy**: Each forecast type can use parameters and algorithms optimized for its specific purpose—customer demand prediction versus inventory replenishment planning.

Implementation Details

Customizing

To use the facing forecast run type, configure the following customizing settings:

1. Create general data with forecast run type *Facing Forecast* in the *Extended Service Parts Planning* Customizing under *Forecasting* > *Define Service Profiles*.
2. Select *SPP_FCS_SERVICE_FACING* as the forecast planning service in the *Extended Service Parts Planning* Customizing under *Forecasting* > *Define Planning Profile* > *Planning Profile Service List: Planning Service*.

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 FPS02

12.5.2.4.2 Migration of Coefficient of Variation Calculation from Inventory Planning to Forecasting Module

Business Details

With this feature, the calculation of the Coefficient of Variation (CV) has been migrated from the Inventory Planning module to the Forecasting module, which improves system performance by calculating demand volatility measures directly at the source data level and eliminating redundant processing steps.

The Coefficient of Variation is a key statistical measure used to assess demand volatility and variability in inventory planning processes. Previously, this calculation was performed in the Inventory Planning module, requiring data to be transferred and processed separately from the forecasting data.

With this enhancement, the CV calculation now takes place directly in the Forecasting module where the underlying demand data originates. This architectural change brings several benefits:

- **Performance Improvement**: By calculating the CV at the source data level, the system eliminates the need to transfer and reprocess data between modules. This reduces the overall processing time in your planning cycles and improves the efficiency of your process chains.
- **Data Consistency**: Calculating demand volatility measures in the same module where forecast data is generated ensures better data consistency and reduces the risk of discrepancies between forecasting and inventory planning results.
- **Reduced System Load**: The elimination of redundant operations decreases the computational burden on your system, freeing up resources for other business processes.

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 FPS02

12.5.2.4.3 Manage Mass Maintenance - Forecast Key Figure

Business Details

With this feature, you can view and download forecast key figure data directly through the Manage Mass Maintenance Fiori app. The new read-only entity automatically adjusts to your configured forecast periodicity (monthly or weekly) and enables you to filter data by multiple criteria, streamlining your forecast data analysis.

You can filter the forecast key figure data using the following criteria to focus on relevant information:

- Key figure type
- Product
- Location
- Time period
- Forecast type
- Virtual child indicator

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 FPS02

12.5.2.5 Inventory Planning

12.5.2.5.1 Stocking/Destocking Decision

Business Details

This feature enables you to get automated stocking and destocking recommendations for location products based on cost optimization results. The Cost Optimizer evaluates whether holding stock at a location is economically justified and provides recommendations to optimize inventory distribution across the network.

The stocking/destocking decision is made at the level of each non-entry location in the Bill of Distribution (BOD). The entry location of a BOD is always considered stocked and is not subject to this determination.

The Cost Optimizer will not make or apply a stocking/destocking decision for location products under the following conditions: the location product is subject to a manually set planning lock; the location product is within a configured stability period; an exclusion rule defined in a decision table applies; or a BOD consistency check prevents the decision (for example, when removing stock would produce an inconsistent BOD network structure). When any of these conditions apply, the existing replenishment indicator is retained without change.

Stocking/destocking decisions can be subject to manual approval before they are applied.

Implementation Details

Customizing

You must enable the *Stocking/Destocking Decision* feature in the service profile in Customizing for *Extended Service Parts Planning* under *Inventory Planning* > *Cost Optimizer* > *Define Service Profile for Cost Optimizer*.

Effects on Existing Data

When a destocking recommendation is applied, the location product's replenishment indicator will be updated to reflect that stock should not be held at that location. When a stocking recommendation is applied, the replenishment indicator will be updated to indicate that stocking is cost-justified. Existing location products subject to planning locks, stability periods, exclusion rules, or BOD consistency requirements will retain their current replenishment indicators.

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 FPS02

Related Information

Stocking/Destocking Decision

12.5.2.5.2 Manual Approval for Cost Optimizer Planning Results

Business Details

This feature enables you to implement a manual approval workflow for Cost Optimizer results. Planners can review and approve or reject newly calculated safety stock, reorder points, and stocking decisions before they are applied to planning data, based on configurable deviation thresholds.

Two approval modes are available: simple approval (triggered by safety stock deviation percentage) and complex approval (using approval profiles with multiple independent checks). Complex approval supports safety stock deviation (relative and/or absolute), target service level deviation, and replenishment indicator change checks. Thresholds can be defined at five levels of specificity: location product, cluster combination, product group combination, location, and global (planning version). The most specific applicable threshold is used for each location product. Approval is handled at product level — if any location product triggers approval,

all location products of that product within the same BOD are placed on hold together. Individual location products cannot be approved separately.

Implementation Details

Customizing

Enable manual approval by setting the *Approval Check* flag in the service profile in Customizing for *Extended Service Parts Planning* under *Inventory Planning* > *Cost Optimizer* > *Define Service Profile for Cost Optimizer*. To use complex approval, assign an approval profile to the service profile. Approval profiles are defined in Customizing for *Extended Service Parts Planning* under *Inventory Planning* > *Cost Optimizer* > *Define Approval Profile for Cost Optimizer*.

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 FPS02

Related Information

Manual Approval

12.5.2.5.3 Dealer Planning Support in Inventory Planning UI

Business Details

With this feature, you can use the enhanced inventory planning UI with mode-aware service routing for dealer location products and a new *Calculate BoD* button for planning entire an Bill of Distribution in a single action.

Previously, the *Calculate* button triggered planning services based solely on the active inventory planning mode, which caused incorrect service execution for dealer locations when Multistage SFT or Cost Optimizer modes were active, as these services do not support dealer locations. There was no way to trigger combined OEM and dealer planning runs from the UI in a single step. The enhancement introduces mode-aware routing that automatically invokes the EOQ/SFT service for dealer locations regardless of active mode, while maintaining existing behavior for OEM locations. The system validates at runtime that service profiles are consistent with the intended planning scope, raising an error if a mismatch is detected between the planning selection on the service profile and the assigned mode.

Implementation Details

Customizing

To enable dealer planning, maintain dedicated EOQ/SFT service profiles for each dealer planning scope and assign them to the UI by planning version and mode. Define dealer-specific service profiles in Customizing for *Extended Service Parts Planning* under *Inventory Planning* > *Define Service Profile for EOQ/SFT Calculation*. Assign service profiles to the UI, including the dealer-specific profiles with their corresponding mode values (*Selected Dealer*, *All Dealers*, or empty for entire BOD), in Customizing for *Extended Service Parts Planning* under *Basic Settings* > *Planning Service Manager* > *Assign Standard Service Profiles for UI*. For the Calculate BOD OEM step, ensure service profiles are also assigned for the Multistage SFT service (*Inventory Planning* > *Define Service Profile for Multistage Safety Stock Calculation*) and the Cost Optimizer service (*Inventory Planning* > *Define Service Profile for Cost Optimizer* > *Define Service Profile for Cost Optimizer*) as applicable.

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 FPS02

Related Information

Dealer Planning in Inventory Planning

12.5.2.6 Lead Time

12.5.2.6.1 Lead Time Historical Analysis Service

Business Details

This feature enables you to calculate statistical lead time metrics—including average, standard deviation, and confidence intervals—for transportation lanes based on historical delivery data. The Lead Time Historical Analysis service detects outliers, validates data availability, and persists results for use in supply chain planning algorithms.

The service analyzes delivery data per transportation lane (source location to destination location, mode of transport) and calculates key statistical metrics controlled by the service profile configuration. It includes outlier detection capabilities to improve statistical accuracy and logs warnings for lanes with insufficient delivery data. Pre-processing validation ensures required SCAL AFL functions and HANA privileges are available before execution. The service can be executed on-demand or scheduled, and results are subject to an approval workflow before being applied to active planning data.

Implementation Details

Customizing

The following customizing settings are required before using this service:

- Service profile: Configure approval check, max deviation difference, coefficient default, coefficient cap, outlier detection method, outlier multiplier, historical periods, confidence interval, and minimum data points.
- Status group: Define start and end delivery events to determine which delivery statuses are included in lead time analysis.
- Transportation lanes: Ensure lanes referenced by the selection exist with valid mode of transport mappings.

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 FPS02

12.5.2.7 Simulation

12.5.2.7.1 Dealer Products in Simulation Planning

Business Details

With this feature, dealer products can be included in your simulation planning. You can create simulation versions that encompass both your OEM locations and dealer locations. This enables you to adjust critical planning parameters and evaluate planning outcomes that account for the additional demands associated with dealer products.

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 FPS02

12.5.2.8 OEM-Managed Inventory

12.5.2.8.1 Approve or Reject Pending Stocking/Destocking Decisions for Dealer Products

Business Details

With this feature, you can systematically approve or reject stocking/destocking decisions awaiting a dealer's approval. Decisions can be processed based on criteria such as time elapsed since proposal, product group, or cluster assignments, thereby improving operational efficiency and decision-making speed.

The feature provides two methods for processing pending decisions:

- **Report** `/SAPAPO/OEMMI_STK_APPROVE`: A dedicated report that allows you to review and process pending stocking and destocking decisions directly
- **Job Template in Fiori Application Jobs**: The job template *Dealer Stocking/Destocking Approval* `SAP_SCM_SPP_STK_APPROVE` enables automated or scheduled processing through the Application Jobs eSPP Fiori app

The feature is particularly beneficial for OEMs managing large dealer networks with numerous pending inventory decisions, as it provides better control and visibility over the approval process while reducing manual effort.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Report: `/SAPAPO/OEMMI_STK_APPROVE`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.5.2.8.2 Close Open In-Transit Deliveries for Dealers

Business Details

With this feature, you can systematically close open in-transit deliveries for dealer locations. This enables you to correct transactional data when orders are no longer valid or during system cutover scenarios, improving data quality and process accuracy in your supply chain operations.

The new report `/SAPAPO/OEMMI_CLOSE_IN_TRANSIT` provides you with a controlled mechanism to close these open in-transit deliveries specifically for dealer locations. You can define selection criteria including specific products and date ranges to target exactly which deliveries should be closed. Before executing the closure, the report displays a preview of all selected deliveries, allowing you to verify that the correct deliveries will be affected. After your confirmation, the system closes the in-transit status for the selected deliveries.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Report: `/SAPAPO/OEMMI_CLOSE_IN_TRANSIT`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.5.2.8.3 Maintain Dealer Attributes via Business Partner SOAP Service

Business Details

With this feature, you can maintain and update dealer attributes of business partners using the SOAP service `BusinessPartnerSUITEBulkReplicateRequest_In`. This extension of the standard Business Partner API enhances efficiency and consistency of master data maintenance and governance, enabling automated updates of dealer-specific information without manual intervention.

The Business Partner SOAP API has been extended to support dealer-specific attributes that are part of the Customer (Sales) role. This enhancement allows you to programmatically maintain dealer information alongside other business partner master data.

The `BusinessPartnerSUITEBulkReplicateRequest_In` SOAP service now supports two additional fields within the Customer (Sales) role:

- **Dealer Active**: Indicates whether the business partner is an active dealer
- **Parent RDC (Regional Distribution Center)**: Specifies the parent regional distribution center associated with the dealer

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	SOAP Service: `BusinessPartnerSUITEBulkReplicateRequest_In`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.5.2.8.4 Upload Dealer Demand Data from Excel File

Business Details

With this feature, the existing report `/SAPAPO/PDEM_EXCEL_UPLOAD` is enhanced to support dealer demand data uploads. Previously, the report supported only Sales and Distribution (SD) demand, Stock Transport Orders (STO), and external demand. Now, you can also upload dealer demand using the same standardized process.

The upload functionality requires you to use a predefined template format to ensure data consistency and accuracy. You can download this template directly from the report `/SAPAPO/PDEM_EXCEL_UPLOAD` before preparing your dealer demand data. Once your data is formatted according to the template, you can upload it through the same report interface.

This enhancement provides several business benefits:

- **Increased efficiency**: Reduces time spent on manual data entry for dealer demand information
- **Improved accuracy**: The standardized template format minimizes data entry errors
- **Consistent process**: Uses the same familiar upload procedure as other demand types, reducing training requirements
- **Better demand visibility**: Enables faster integration of dealer demand data into your planning processes

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Report: `/SAPAPO/PDEM_EXCEL_UPLOAD`
Application Component	`SCM-APO-SPP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

12.6 Country/Region Specifics

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

13 Integration

13.1 Integration with SAP Concur

13.1.1 Upload and Download for Employee Field Mapping

Business Details

The *Download* and *Upload* functionality for employee field mapping enables you to:

- Test a custom configuration of the employee field mapping without altering the current employee field mapping in *CTE_SETUP* > *Employee* > *Specify Field Mapping*.
- Apply a custom employee field mapping that you've tested in your development and/or test environments directly to your productive environment.

Implementation Details

To utilize this feature, *Download* the employee field mapping from the respective system. We recommend that you make a copy of the downloaded file to apply changes. This ensures that if you *Save* changes to the *Specify Field Mapping* in *CTE_SETUP* after the download, you can easily *Upload* the original, downloaded file to restore previous settings. When you're finished making changes to the downloaded copy, *Upload* this file to the determined system.

Note the following:

- If a custom field mapping file and the *Employee Export* wizard have different settings for *Employee ID*, *With Leading Zeros*, and *Employee Creation via Identity Access Management*:
  - You can upload the custom field mapping file only if no employees have been exported yet.
- If you downloaded the employee field mapping from an older release and are uploading the file to a newer release version, the integration system sets the default mapping for any fields that were added in the newer release. After the upload, you can make changes to these new fields in the *Specify Field Mapping* table as necessary.
- When you download the employee field mapping, the integration system writes the Concur entity type for the given system connection to the file. If you upload this file to a system that connects to a different Concur entity type, review the saved data in the *Specify Field Mapping* table before running the *Employee Export*.
- The upload functionality is only available in *CTE_SETUP*.
- You can use the Upload/Download functionality directly from your development, test, or productive system.
- Before you begin your Upload/Download workflow, review the details in *Specify Field Mapping* > > *Handle the Mapping and Export of Manager Determination Data*.

Effects of Existing Data

- Uploading overwrites the changes saved in the *Specify Field Mapping* table.
- If a custom field mapping file and the *Employee Export* wizard have different settings for *Employee ID*, *With Leading Zeros*, and *Employee Creation via Identity Access Management*:
  - The settings in the uploaded file will overwrite the settings in the *Employee Export* wizard.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Technical Object Name	`CTE_SETUP`
Application Component	`BNS-CON-SE-S4-HCM` (*Concur S/4HANA Human Ressources*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Integrating SAP S/4HANA Systems with SAP Concur

13.1.2 Concur Posting Documents Monitor

Business Details

We're introducing the SAP Fiori version of the *Concur Posting Documents Monitor* app (`F8690`). The new version provides:

- A centralized view for document details
- Real-time updates for document changes
- Simplified navigation
- More flexibility with filters
- Custom views configuration

This app displays the status of all imported documents, the payment status when possible, any customer modifications that were done, and attachments - if attachments for supported document types are available after the given requirements for enabling attachments are met.

> **Note**
>
> - All forward navigation routes to the old version (GUI version) of the *Concur Posting Documents Monitor* app (`CTE_DOC_MONI`).

Implementation Details

Authorizations

To access the app, users require the business catalog `SAP_CON_BC_CTE_POST_MONI`.

Effects on Existing Data

Existing documents data and attachments (if attachment functionality is enabled) are already available for viewing and processing in the new version of the app. However, note that running the *Feedback Loop* in the new app collectively processes all documents from all system connections.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8690`
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 FPS02

Related Information

Integrating SAP S/4HANA Systems with SAP Concur

13.2 Country/Region Specifics

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

14 Country/Region Specifics

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

15 Industries

15.1 Consumer

15.1.1 Agriculture

15.1.1.1 SAP Agricultural Contract Management

15.1.1.1.1 Authorization for Individual Pricing Actions

Business Details

Pricing changes can have a serious financial impact. Hence, organizations need to be able to restrict who can make pricing changes and what types of changes are permissible. ACM (Agricultural Contract Management) allows you to restrict each pricing action individually. A new authorization object `/ACCGO/PRC` has been created that can be used to assign authorizations for the following pricing actions:

- Setting the price with CDOTE
- Setting the price without CDOTE
- Lift Price with CDOTE
- Lift Price without CDOTE
- Roll Price with CDOTE
- Roll Price without CDOTE
- Quantity Cancellation with CDOTE
- Quantity Cancellation without CDOTE
- Split Price Lot
- Delete Price Lot

> **Note**
>
> Refer to the following topics for more information:
>
> - Manage ACM Contracts
> - Process ACM Price Lots

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	No localization
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 FPS02

15.1.1.1.2 Enhancements in the Manage ACM Contracts Fiori App to View Contract Data for Brazil

Business Details

With this feature, you can classify a contract as relevant for Royalties using the *Manage ACM Contracts* Fiori App. You can also mark individual LDCs as relevant for Royalties using the LDC Workcenter.

> **Note**
>
> Refer to the topic Royalties Agreement Classification for complete information.

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)

Technical Details

Type	Changed
Functional Localization	Localized for Brazil
Scope Item	Not applicable
Technical Object Name	App ID for the *Manage ACM Contracts* app: `F5198A`
Application Component	`LO-AGR-CC` (*Commodity Contracts*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

15.1.1.1.3 Additional Data Sections Now Supported in Simplified Snapshots

Business Details

With this feature, Simplified Snapshots now captures changes to three additional data sections within the *Manage ACM Contracts* app: FBO, Credit Sales, and Pricing Methods.

Simplified Snapshots is an enhanced framework that provides a clear and user-friendly change history for the contracts. During the transition, three data sections (FBO, Credit Sales, and Pricing Methods) were not migrated from the previous implementation. As a result the changes to these data points were no longer being captured in snapshot history.

The Silent Data Migration (SDM) program has been updated to include these three data sections. This ensures that the existing contract data is correctly handled when activating Simplified Snapshots.

> **Note**
>
> Refer to the following topics for more information:
>
> - Contract Snapshots
> - Contract Amendments

Technical Details

Type	Changed
Functional Localization	No localization
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 FPS02

15.1.1.1.4 Long Text Determination in Manage ACM Contracts

Business Details

This feature introduces a *Fetch Long Text* button in the *Manage ACM Contracts* app. It enables users to trigger long text determination directly and within the application.

Previously, long text determination that is configured in the system was not reflected in the *Manage ACM Contracts* app. This resulted in the following two issues:

- If no long text was manually maintained but determination was configured, then the texts could be added to the contract in the background without being visible to the user.
- If long text was manually maintained during contract creation and determination was also configured, then the manually entered text would block backend determination. As a result contractual terms and conditions were omitted from the output forms.

> ⓘ Note
>
> Refer to the topic Manage ACM Contracts for more information.

Implementation Details

To address these issues, a *Fetch Long Text* button has been introduced on the contract detail screen. Users can explicitly trigger long text determination by clicking this button. Since long text determination is not universally used and relies on conditional keys, it is not triggered automatically. This button gives users direct control over how determination is executed.

> **Note**
>
> If a contract attribute is modified, it may impact the determination result. The button can be clicked again to redetermine the texts accordingly.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID for the *Manage ACM Contracts* app: `F5198A`
Application Component	`LO-AGR-CC` (*Commodity Contracts*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

15.1.1.1.5 Auto Snip of Assigned Quantities

Business Details

With this enhancement, you can eliminate the need to manually run or trigger the snipping functionality.

When you apply a contract, the assignment quantities on the contract might not reflect the actual application. For example, if you ship 45,000 pounds against a contract, but the quality factors reduce the applied quantity to 44,500 pounds. The called off quantity from the order may remain at 45,000 pounds, which reduces the available quantity on the contract.

In another scenario, there may be a difference between load and unload weights. This has a similar affect on the available quantity. Correcting such an assignment is called as snipping.

> **Note**
>
> Refer to the topic Maintain ACM Applications for more information.

Implementation Details

Earlier, you had to run a transaction such as `/ACCGO/SNIP_MASS` to address this issue.

However, starting with release 2025 FPS02, snipping functionality is triggered automatically. This reduces or eliminates the need for you to run a snip program.

> **Note**
>
> The system excludes Load Data Capture objects that are created with the order reference (`application instruction 04`) from auto snip.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID for *Maintain ACM Applications*: `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 FPS02

15.1.2 Consumer Products

15.1.2.1 Last Mile Distribution for Direct Distribution

15.1.2.1.1 Enhancement of GOAL API for Item Category Determination

Business Details

With this feature, the `LMD_USAGE` field is now available as an import parameter for creating sales order items with the GOAL API in Last Mile Distribution. This enables customers upgrading from older releases to keep their item category determination behavior that relied on the usage attribute available in older SAP S/4HANA Sales APIs.

Implementation Details

The `LMD_USAGE` field is available as an import parameter during item creation in the item input structure `TDS_GOAL_SO_ITEM` in the GOAL API. It is also available in the return item type `TDS_GOAL_CRET_ITEM`. The

field is used to influence the sales order item category determination by using the standard SAP S/4HANA Sales logic.

The usage attribute (data element `VWPOS`) corresponds to the *Usage* column in the Customizing activity *Assign Item Categories* in Customizing for *Sales and Distribution* under *Sales* > *Sales Documents* > *Sales Document Item* where it serves as a determination criterion for the item category.

Customizing

The `LMD_USAGE` field has been added as a new column (*SD Usage*) in the CSTT assignment Customizing under *Logistics Execution* > *Last Mile Distribution* > *Route Settlement* > *Assign Sales Documents to Customer Sales Transaction Types*. The usage value can be configured per CSTT and is automatically applied when sales order items are created or changed in LMD processes.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`GOAL API`
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.1.2.1.2 Improvements to Route Settlement

Business Details

With these improvements to route settlement, you can settle routes for customers that exceed their credit limit, use the new settlement office organizational unit to enhance sales area determination for driver difference document creation, and process sales documents with immediate delivery creation or sales documents that are blocked for manual processing.

Skipping Credit Limit Checks During Settlement

During the settlement run, everything that happened during route execution is replayed in the corresponding systems. As the actual sales activity has already taken place and the customer has already received the goods, a credit limit check failure during delivery creation would block the settlement of deliveries that have already been physically handed over to the customer. To address this, you can now configure a credit management requirement to suppress credit limit checks during the settlement run. This allows you to settle completed customer visits for customers who exceed their credit limit without requiring manual credit release.

Improved Sales Area Determination Using Settlement Office

A new organizational unit, the settlement office, has been introduced. The settlement office allows you to control the sales area used for driver difference document creation independently of the sales areas used for customer documents on the route. This is particularly useful when customer documents are created for one sales area, but driver difference documents must be created for a different sales area to reflect the correct organizational responsibilities.

The settlement office is determined during route assembly based on the execution organization, freight order type, route type, and route category. During settlement, the system checks whether a settlement office is assigned to the route and whether a sales area has been configured for it. If so, it uses this sales area to create driver difference documents. If no settlement office is assigned to the route, or if no sales area has been configured for the assigned settlement office, the system uses the existing determination logic as a fallback.

> **Note**
>
> In the Customizing activity *Configure Settlement Office Determination*, a blank entry serves as a fallback and applies to all settlement offices for which no specific entry has been configured.

The settlement office is stored in the route data and is visible in the *Settle Route Data* app, where it can also be entered, changed, or removed manually if required. For more information, see Settlement Offices.

Processing of Documents with Immediate Delivery

Route settlement now supports sales document types that are configured with immediate delivery creation. As a result, the delivery document is created implicitly when the sales order is first saved. If the order is subsequently changed, the existing delivery is not updated, and no new delivery is created.

Previously, the system always explicitly created a delivery for every new order it generated. With this enhancement, the system detects whether a sales document type uses immediate delivery creation and, if so, uses the delivery that was already created when the sales order was first saved instead of creating an additional one.

Implementation Details

The settlement office feature introduces new Customizing activities in Last Mile Distribution. To suppress credit limit checks during the settlement run, additional configuration in credit management is required outside of Last Mile Distribution.

Customizing

The following new Customizing activities have been added to the Customizing for *Logistics Execution* under *Last Mile Distribution* > *Basic Settings* > *Settlement Offices*:

- *Define Settlement Offices*: Settlement offices support a basic version of settlement scenarios with multiple sales areas, where route documents exist in one sales area, but driver difference documents must be created in a different sales area. They can also be used as a selection criterion in the *Settle Route Data* app.
- *Assign Sales Areas to Settlement Offices*: This assignment determines which sales area is used when driver difference documents are created during route settlement.
- *Configure Settlement Office Determination*: Configure how the system determines the settlement offices based on execution organizations, freight order types, route types, and route categories. This configuration

determines which settlement office the system uses for routes created within a specific organizational and operational context.

Skipping Credit Limit Checks During Settlement

To suppress credit limit checks during the settlement run, additional configuration in credit management is required outside of Last Mile Distribution. Assign a custom credit check requirement to the relevant credit control areas in the Customizing activity *Define Automatic Credit Control* under *Financial Supply Chain Management* > *Credit Management* > *Integration with Accounts Receivable Accounting and Sales and Distribution* > *Integration with Sales and Distribution*.

> **Note**
>
> To implement this requirement, custom development is required as SAP does not provide a standard implementation. When building the requirement, you can use the method `is_settlement_run_active( )` of `lmd_com_runtime_context_df=>lmd_com_runtime_context_get` to check whether a settlement run is active and suppress the credit limit check accordingly.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	*Settle Route Data* (F4242)
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.1.2.1.3 Configurable Posting Keys for Different Payment Methods

Business Details

With this feature, you can configure posting keys for collected payments and driver payments per payment method. This enables you to use specific posting keys for payment clearing.

Previously, the settlement process created financial documents with the official SAP Financial Accounting public API. The API used hard-coded posting keys that could not be modified through the API call. Standard

posting keys were automatically assigned based on item types. This limitation prevented the use of specialized posting keys for payment clearing transactions.

The system now supports configurable posting keys for both collected payments and driver payments through enhanced Customizing options. You can specify custom posting keys, such as *08/18* for payment clearing transactions, individually for each payment method.

For more information, see Payment Posting Keys.

Implementation Details

The posting keys are configurable through existing Customizing for collected payments and driver payments, allowing you to meet specific accounting requirements for payment postings.

The posting keys are passed to the `JournalEntryCreateRequest_In` and `JournalEntryBulkCreationRequest_In` SOAP services by using the `EXTENSION2` parameter and processed through the `ACC_DOCUMENT` BAdI interface. After the final settlement run, you can verify in transaction `FB03` whether the accounting documents contain the posting keys you configured in Customizing.

Customizing

The Customizing activity *Define Postings for Incoming Driver Payments* has been enhanced with the columns *Driver Posting Key* and *Offset Posting Key*. You can define postings for incoming driver payments in Customizing for *Logistics Execution* under *Last Mile Distribution* > *Route Settlement* > *Settings for Collected Payments and Bank Deposits* > *Define Postings for Incoming Driver Payments*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`LMD_RTSLSLSCFG`
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.1.2.1.4 Unloading of Products at Different Plants

Business Details

With this feature, during the check-in stop of a route, drivers can unload products at a plant different from the loading plant.

In Last Mile Distribution, a route typically starts and ends at the same plant. During the check-in stop, check-in data is recorded, for example, information about the arrival date and time, the vehicle, and the unloaded products. With the support of a basic version of multi-plant handling, the driver can also unload products at a plant (the unloading plant) different from the loading plant. For more information about the process, see Check-In at Another Plant.

Implementation Details

The unloading plant can be set either in the *Settle Route Data* app or with the mobile adapter. The unloading plant is defined at check-in and overrides the plant information at item level when an unloading plant is specified that differs from the loading plant. Check-in data can be sent to the back-end system upon completion of the check-in stop (intermediate settlement) or settled manually or with a batch job (final settlement). During settlement, the system processes the posting of unloaded quantities depending on the route type.

When a driver checks in at a different plant, the unloading plant affects only the posting of the unloaded quantity. The freight order is also updated accordingly.

> **Note**
>
> The following restrictions apply:
>
> - Intercompany processes are not supported.
> - The loading and unloading plants must belong to the same company code.
> - Multi-load and multi-unload processes are not supported.
> - Stock transfers and delivery transfers are not supported.
> - For routes without route stock management, the unloading plant is read-only in all APIs.

Customizing

The following Customizing activities have been enhanced:

- In the Customizing activity *Configure Route Stock Transfer* in Customizing for *Logistics Execution* under *Last Mile Distribution* > *Route Stock Management*, a new transaction type *22 – Check-In – Unload at Another Plant* has been added. The columns *Plant* and *Plant Group* represent the unloading plant for this transaction type.
- The Customizing activity *Assign Default Locations to Plants* has been added to Customizing for *Logistics Execution* under *Last Mile Distribution* > *Route Settlement*. In this activity, you can define a mapping between plants and Transportation Management location IDs. If a mapping is maintained for the unloading plant, the system sets the corresponding TM location as the final destination in the freight order during settlement.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	*Settle Route Data* (F4242)
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Route Stock Management

15.1.2.1.5 Custom Program Development for Accessing Check-Out Data

Business Details

With this feature, you can create, read, update, and delete initial check-out data of a route. This includes information about products loaded onto the vehicle.

The check-out stop is the initial stop of a route, at which the driver departs from the warehouse and product quantities and monetary amounts are recorded. The check-out stop can occur at different locations, such as at the warehouse ramp instead of the gate, and may be executed by a warehouse clerk rather than the driver.

This business object is published on the SAP Business Accelerator Hub (https://api.sap.com/cdsviews/PCE_C_LSTMIROUTEDEX).

> **Note**
>
> Attachments related to **check-in stops** can now be uploaded and downloaded with the *Business Object Interface for Last Mile Route* (`I_LSTMIROUTETP`) API. For more information, see Support of Attachments for Check-In Stop (RAP Business Object) [page 751].

Implementation Details

A business object is provided to access check-out data and use this data for individual business needs. With this business object, check-out data can be created, read, updated, or deleted for a route. The *Business Object Interface for Last Mile Route* API also provides access to the already available final check-in data. This data can be used, for example, to create a custom application for a warehouse clerk. The *Business Object Interface for Last Mile Route* (`I_LSTMIROUTETP`) API enables access to check-out data for custom applications.

The following key features are supported:

- Warehouse clerks can validate and adjust check-out data, such as quantities or monetary amounts, before route execution begins.
- Load requests can be assigned to check-out stops or updated at the check-out stop.
- External systems can access check-out data to manage processes without mobile data uploads.
- Intermediate settlement can be triggered.
- Recorded check-out data can be downloaded from the *Settle Route Data* app. Check-out data can then be updated and uploaded if necessary.

> **Note**
>
> When using the *Business Object Interface for Last Mile Route* API together with the OData service *Mobile Data for Last Mile Distribution*, consider that stop data is overwritten by the OData service as long as the stop status is `RTST_OPEN`. To prevent loss of data maintained with the *Business Object Interface for Last Mile Route* API, set the affected stop status to `RTST_EXECUTED` before the mobile upload of data.

Authorizations

Only authorized roles can create, read, update, or delete check-out 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-out stop is customized to be optional for the mobile upload, the settlement process can begin without it. To be able to ignore the check-out 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`).

Effects on Existing Data

The *Business Object Interface for Last Mile Route* (`I_LSTMIROUTETP`) API now supports the download and upload of both initial check-out and final check-in data, providing a single interface for the complete route settlement process. For more information, see Business Object Interface for Last Mile Route.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`I_LSTMIROUTETP` (*Business Object Interface 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 FPS02

15.1.2.1.6 Support of Attachments for Check-In Stop (RAP Business Object)

Business Details

With this feature, you can upload and download attachments for the check-in stop of a Last Mile Distribution route by using the *Business Object Interface for Last Mile Route* API. This enables third-party applications to manage attachments, such as driver signatures or photos, directly at check-in stop level.

> **Note**
>
> The *Business Object Interface for Last Mile Route* (`I_LSTMIROUTETP`) API now also supports to create, read, update, and delete final check-in data of a route. For more information, see Custom Program Development for Accessing Check-Out Data [page 749].

Implementation Details

The *Business Object Interface for Last Mile Route* (`I_LSTMIROUTETP`) API has been enhanced to support attachments at the check-in stop level by using Harmonized Document Management (HDM). You can upload and download attachments for the check-in stop of a route.

When you upload a file, you must provide the following values:

- SAP object type: `LastMileRoute`
- SAP object node type: `LastMileRouteCheckInStop`

To download attachments, determine the UUID of the check-in stop and use the download functionality of the *Business Object Interface for Last Mile Route* API to retrieve the contents of all attachments stored for that check-in stop.

> **Note**
>
> Attachments uploaded with the mobile adapter are also accessible through the *Business Object Interface for Last Mile Route* API. When a route is settled, attachments stored at the check-in stop level are deleted for data protection and legal reasons. The attachments remain accessible through the documents generated during settlement, such as deliveries or invoices, and through the *Manage Freight Orders* app.

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.

Effects on Existing Data

> **Note**
>
> Attachments that were uploaded with the mobile adapter before this feature was introduced are stored at route level. These attachments are **not** returned when you access attachments through the check-in stop entity of the *Business Object Interface for Last Mile Route* API, as the API only retrieves attachments stored at the check-in stop level.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Business object interface name: `I_LSTMIROUTETP`
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.1.2.1.7 Management of Visit List Schedules for Van Sales and Presales Routes

Business Details

With this feature, visit list schedules can be used for strategic visit planning of van sales and presales routes.

Transportation planners use visit list schedules to plan visit lists well ahead of time. A visit list schedule is a static plan for long-term organization of customer visits and deliveries. In these schedules, customers are grouped based on various criteria such as visiting days, routes, and specific vehicle-driver combinations. Visit list schedules are used to create visit lists.

Previously, visit list schedules could only be created for delivery routes. It is now possible to assign visit list items (activities) to visits, supporting the creation of visit list schedules also for van sales and presales routes.

On **van sales** routes, van sellers act as sales representatives and perform ad-hoc sales of the products loaded on a van at sales locations. For more information, see Van Sales.

On **presales** routes, sales representatives visit customers following a planned itinerary to capture orders, perform merchandiser activities, and execute service tasks. For more information, see Presales.

Implementation Details

Visit list schedules are either defined outside of Last Mile Distribution and are sent to SAP S/4HANA by using the OData service *Visit List Schedule* (`LstMiVstListSchedule`) or visit list schedules are created directly in SAP S/4HANA.

In Last Mile Distribution, the transportation planner reviews, adjusts and releases visit list schedules by using the *Manage Visit List Schedules* app. For more information, see Manage Visit List Schedules.

The transportation planner then releases the visit list schedules for visit list generation by using the *Visit List Generation* report (`P_LMD_VLS_VL_GENERATION`). For more information, see Visit List Generation.

The created visit lists then support the planning and execution of van sales and delivery routes. For more information, see Visit List Management.

Authorizations

Transportation planners require special authorization to use the *Manage Visit List Schedules* and the *Edit Visit Lists* apps. For more information, see Authorizations for the Manage Visit List Schedules App and Set Up Authorizations for the Edit Visit Lists App.

Customizing

To support the creation of number ranges for visit items, the new Customizing activity *Define Number Ranges for Visit Items in Visit List Schedules* (`TA_LMD_VSTITM`) has been added to Customizing for *Logistics Execution* under *Last Mile Distribution* > *Visit List Schedule Management*.

Effects on Existing Data

- **Import visit items**

The OData service *Visit List Schedule* now supports visit item data to be sent from SAP S/4HANA to Last Mile Distribution.
For more information, see Visit Item.

- **Edit visit items manually**
  The *Manage Visit List Schedules* app has been enhanced to support visit items. Visit items can now be created, displayed, and deleted on the details page of the corresponding visit.
  Both the *Edit Visit Lists* and the *Manage Visit List Schedules* apps have been enhanced to support visit items. Additionally, a column called *Duration (Minutes)* has been introduced to track the visit item duration.
  For more information about the apps in general, see Manage Visit List Schedules and Edit Visit Lists.
- **Generate visit lists with visit items**
  The *Visit List Generation* report (`P_LMD_VLS_VL_GENERATION`) has been enhanced to support the generation of visit lists with visit items.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F4737
Application Component	`LE-LMD` (*Last Mile Distribution*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Visit List Schedule Management

15.1.2.2 Revenue Growth Management

15.1.2.2.1 Set Up Inbound Pricing

Business Details

This feature enables you to configure the inbound pricing settings for retrieving prices and non-promotional terms that are to be used by SAP Revenue Growth Management. Specifically, you define cost price element

type codes, add the pricing procedures relevant for price determination, and select within each procedure the condition types whose values are to be transferred to SAP Revenue Growth Management.

Implementation Details

Apply SAP Note 3782907 before using this feature.

Customizing

You configure the inbound pricing settings in the new Customizing activity *Set Up Inbound Pricing* under *Logistics - General* > *Revenue Growth Management* > *Inbound Pricing*. Alternatively, run transaction `RGM_IP_PRICE_CF` – *Set Up Inbound Pricing*, which you can find in SAP Menu under *Logistics* > *Revenue Growth Management*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Customizing Activity: `Set Up Inbound Pricing`
Application Component	`IS-RGM` (*Revenue Growth Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Setting Up Inbound Pricing

15.1.2.2.2 BAdI: Enrichment of Inbound Pricing Parameters

Business Details

This feature enables you to override or extend the pricing-relevant parameters used during inbound pricing beyond what is provided by the standard implementation.

The Business Add-In *BAdI: Enrichment of Inbound Pricing Parameters* (`RGM_IP_BADI_DEF_FILL_KOMK_KOMP`) is called during the inbound pricing process when the `do_pricing` API is called to determine sales prices and non-promotional terms. The API accepts two importing parameters – `ty_t_pricing_headers` and `ty_t_pricing_items` – which together control the context and the conditions under which price determination is executed. These parameters are prefilled by the standard logic and are passed as an input to this BAdI. Use this BAdI to modify the values of these parameters before the API is executed. This allows you to adjust pricing-relevant header and item parameters to meet your specific requirements that are not covered by the standard field mappings.

Implementation Details

Apply SAP Note 3782907 before using this feature.

Customizing

You can find this BAdI in Customizing under *Logistics – General* > *Revenue Growth Management* > *Inbound Pricing* > *Business Add-Ins*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: `RGM_IP_BADI_DEF_FILL_KOMK_KOMP`
Application Component	`IS-RGM` (*Revenue Growth Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Enriching Inbound Pricing Parameters

15.1.2.2.3 BAdI: Representative Customer Determination from Planning Customer

Business Details

This feature enables you to determine the representative customer to use for price determination for a planning customer.

A planning customer used in account plans and promotions in SAP Revenue Growth Management might differ from the execution customer defined in SAP S/4HANA Cloud Private Edition. When this happens, prices are defined at the execution customer level rather than at the planning customer level. For a planning customer, there can be one or multiple execution customers, also known as representative customers. The Business Add-In *BAdI: Representative Customer Determination from Planning Customer* (`RGM_IP_PLAN_TO_EXEC`) determines all applicable representative customers together with their sales areas and transfers them to the inbound pricing program. The program then determines prices for each representative customer independently. The price determination results for all the representative customers are subsequently merged into a single price at the planning customer level using the `MERGE_PRICING_RESULTS` method of this BAdI.

Implementation Details

Apply SAP Note 3782907 before using this feature.

Customizing

You can find this BAdI in Customizing under *Logistics – General* > *Revenue Growth Management* > *Inbound Pricing* > *Business Add-Ins*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	BAdI: `RGM_IP_PLAN_TO_EXEC`
Application Component	`IS-RGM` (*Revenue Growth Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Determining Representative Customer from Planning Customer

15.1.2.2.4 Retrieve Prices and Non-Promotional Terms

Business Details

This feature enables you to retrieve prices and non-promotional terms for products from SAP S/4HANA Cloud Private Edition. You can then use them in SAP Revenue Growth Management when creating account plans and promotions.

Prices are required in SAP Revenue Growth Management for various purposes such as calculating profits, targets, margins, promotional investments, and return on investments. Some prices such as list prices and cost of goods sold are defined in SAP S/4HANA Cloud Private Edition. You must retrieve them via this program before you can use them in SAP Revenue Growth Management.

To run this program, run transaction `RGM_IP_PRICE` – *Retrieve Prices and Non-Promotional Terms*, which you can find in SAP Menu under *Logistics* > *Revenue Growth Management*.

Implementation Details

Apply SAP Note 3782907 before using this feature.

Authorizations

Your user role has been assigned to the authorization object `F_RGM_PRIC` (*Revenue Growth Management Inbound Pricing*).

Effects on Existing Data

After you run this program, any existing pricing data in the results table for the specified date range is overwritten with the newly retrieved data. Ensure that the date range you specify reflects the period for which current pricing data is required.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Report: `RGM_IP_PRICE`
Application Component	`IS-RGM` (*Revenue Growth Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Running Inbound Pricing

15.1.2.2.5 Lump Sum Allocation Method

Business Details

This feature enables you to defines how a lump sum is allocated across the days and products in the sell-in period. A lump sum is a one-time fixed-amount payment from a manufacturer to a retailer for promoting the manufacturer's products. You assign a lump sum allocation method to a trade spend calculation rule.

The following allocation methods are pre-delivered by SAP and can't be deleted:

- `AM-01` (Even by Day)
  Allocates the lump sum evenly across all days in the sell-in period. On a given day, the day's portion is prorated to individual products by their planned gross sales value (GSV) for that day.
- `AM-02` (All on First Day)
  Allocates the entire lump sum on the first day of the sell-in period. On that day, the entire lump sum is prorated to individual products by their planned GSV for that day.
- `AM-03` (By Daily Total GSV)
  Allocates the lump sum to each day in proportion to the total planned GSV of all the products for that day across the sell-in period. On a given day, the day's portion is prorated to individual products by their planned GSV for that day.
- `AM-04` (As Planned)
  Starts with the same allocation as `AM-01`. You can then manually override the amount allocated to each day. On a given day, the day's portion is prorated to individual products by their planned GSV for that day.

You can add allocation methods you've defined in SAP Revenue Growth Management. These methods start with the letter Z and can be up to five characters long.

Implementation Details

Apply SAP Note 3782907 before using this feature.

Customizing

A new configuration option *Lump Sum Allocation Method* is now available in the Customizing activity *Define Spend Scenarios* under *Logistics – General* > *Revenue Growth Management* > *Revenue Growth Management Promotions* > *Proxy Object Settings*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Customizing Activity: `Define Spend Scenarios`
Application Component	`IS-RGM` (*Revenue Growth Management*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Defining Spend Scenarios

15.1.2.2.6 Revenue Growth Management Claims

15.1.2.2.6.1 Define Number Range for Internal Claim Request IDs

Business Details

This feature enables you to have a consecutive number from a defined number range assigned to a claim request document you try to create in Revenue Growth Management Claims. The ID is assigned to the document as its internal ID regardless of whether the document is saved or discarded. You can define different number range intervals for different document types. This internal claim request ID helps with auditing and streamlines the validation process.

Implementation Details

Customizing

You define the number ranges in the new Customizing activity *Define Number Range for Internal Claim Request IDs* under *Logistics - General* > *Revenue Growth Management* > *Revenue Growth Management Claims* > *Basic Settings*.

Meanwhile, the Customizing activity *Define Number Range* has been renamed to *Define Number Range for External Claim Request IDs*. An external claim request ID is one that is assigned only when a claim request document has been successfully saved.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Customizing Activity: `Define Number Range for Internal Claim Request IDs`
Application Component	`IS-RGM-TCP` (*Trade Claim Processing*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Streamlined Validation Process [page 762]

15.1.2.2.6.2 Streamlined Validation Process

Business Details

This feature enables you to create a validation and assign condition contracts to the validation in one continuous workflow. You don't need to save your changes or leave edit mode in between, which makes the process smoother.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8441`
Application Component	`IS-RGM-TCP` (*Trade Claim Processing*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

15.1.2.2.6.3 Cleaner Validation Items Screen

Business Details

This feature enables you to see only condition contracts on the *Validation Items* screen when you assign condition contracts as validation items to a claim validation. Previously, the screen listed both the contracts and their product items, which could clutter the view. As before, you can view the product items on the *Items* screen by choosing the > icon for a validation item.

On the *Validation Items* screen, the validation item ID for the first condition contract assigned is 1,000 and increments by 1,000 for each additional contract. On the *Items* screen, the validation product item ID for the

first product of a contract is the validation item ID plus 1. This ID increments by 1 for each additional product item.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F8441`
Application Component	`IS-RGM-TCP` (*Trade Claim Processing*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

15.1.2.2.6.4 Extensibility for Claim Validations

Business Details

This feature enables you to add custom fields to the validation header, validation items, and validation product items table to meet your specific business needs. You can display these fields on the UI and save them to the database. You can also implement a custom validation and a custom determination for validation header, validation items, and validation product items objects.

Implementation Details

Authorizations

You must have the business role SAP_BR_BPC_EXPERT (*Configuration Expert - Business Process Configuration*) assigned to your user to add custom fields.

Customizing

The following Business Add-Ins (BAdIs) are now available under *Logistics - General* > *Revenue Growth Management* > *Revenue Growth Management Claims* > *Enhancements Using Business Add-Ins* > *Claim Request* > *Key User Extensibility* > *Claim Validation*:

- *BAdI: Revenue Growth Management Claims Validation Header Check*
- *BAdI: Revenue Growth Management Claims Validation Header Modification*
- *BAdI: Revenue Growth Management Claims Validation Item Check*
- *BAdI: Revenue Growth Management Claims Validation Item Modification*
- *BAdI: Revenue Growth Management Claims Validation Product Item Check*
- *BAdI: Revenue Growth Management Claims Validation Product Item Modification*

Meanwhile, the following BAdIs for extending claim requests have been moved from *Key User Extensibility* to *Key User Extensibility* > *Claim Request*:

- *BAdI: Revenue Growth Management Claims Request Header Check*
- *BAdI: Revenue Growth Management Claims Request Header Modification*
- *BAdI: Revenue Growth Management Claims Request Header Document Modification*
- *Revenue Growth Management Claims Request Header Document Reference Check*
- *BAdI: Revenue Growth Management Claims Request Item Check*
- *BAdI: Revenue Growth Management Claims Request Item Modification*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	BAdI:
	`TCP_VAL_HDR_CHECK`
	`TCP_VAL_HDR_MODIFY`
	`TCP_VAL_ITEM_CHECK`
	`TCP_VAL_ITEM_MODIFY`
	`TCP_VAL_PROD_ITEM_CHECK`
	`TCP_VAL_PROD_ITEM_MODIFY`

Application Component	`IS-RGM-TCP` (*Trade Claim Processing*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Custom Fields

15.1.3 Retail and Fashion

15.1.3.1 Fashion and Vertical Business

15.1.3.1.1 Key-User Extensibility for Application Variant SOAP Interfaces

Business Details

With this feature, you can use custom fields created through the key-user extensibility framework in the inbound and outbound SOAP integration interfaces for application variants. This enables seamless exchange of custom master data attributes between SAP S/4HANA and external systems, without changing the core service definitions.

Previously, the enhancement spot `FSH_BADI_VAR_BAPI` supported internal database operations, validations, and localized save logic only. With this update, five new integration-focused methods are added to the existing BAdI definition `FSH_BADI_VAR_BAPI` (BADI enhancement for Application variants using BAPIs). These methods connect the communication layer with key-user extensibility, enabling custom field data to be processed during real-time web service integration and asynchronous mass replication..

For customers managing product variants across distributed system landscapes, this enhancement reduces the need for traditional custom coding or proxy modifications. Custom attributes assigned to the business contexts Application Variant (`RFM_APPLICATION_VARIANT`) and Application Variant Items (`RFM_APPLICATION_VARIANT_ITEMS`) are now automatically exposed in the relevant API XML structures SOAP services.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	API:
	`ApplicantVariantRequest_In`
	`ApplicationVariantRequest_Out`
	`ApplicationVariantConfirmation_In`
	`ApplicationVariantConfirmation_Out`

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 FPS02

Related Information

Extensibility: Application Variant (Key User)

15.1.3.1.2 Special Sales Orders and VAS Enhancements

Business Details

The value- added service (VAS) determination is enhanced with the following features:

- *VAS determination when converting an account-assigned item to a standard purchase order item*: When you convert an account-assigned purchase order item to a standard purchase order item using the *Nullify Alignment* function in the Purchase Order Workbench, by removing the account assignment category through dialog or non- dialog mode, the system automatically determines a new materials management (MM) VAS, provided a valid condition record exists.
- *Flexible VAS updates from sales orders to purchase orders*: You can manually update VAS details in a sales order item when they are no longer required, provided the linked account-assigned purchase order has no follow-on documents (such as confirmations, goods receipts, or invoices). The changes are automatically transferred to the linked purchase order. This enhancement is supported for changes made through transaction code `VA02`, `BAPIs`, `IDocs`, and `OData APIs`.
- *Background processing for the VAS redetermination report*: The VAS redetermination report for account-assigned purchase orders now supports background processing.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	FSH_VAS_RD
Application Component	LO-RFM-CA-VAS (*Value Added Services*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Value-Added Services in Account Assigned Sales and Purchase Order
Value-Added Services in Sales Documents
Value-Added Services in Purchasing Documents

15.1.3.1.3 Incremental Update of Temporary Assignments Using Availability Change Log

Business Details

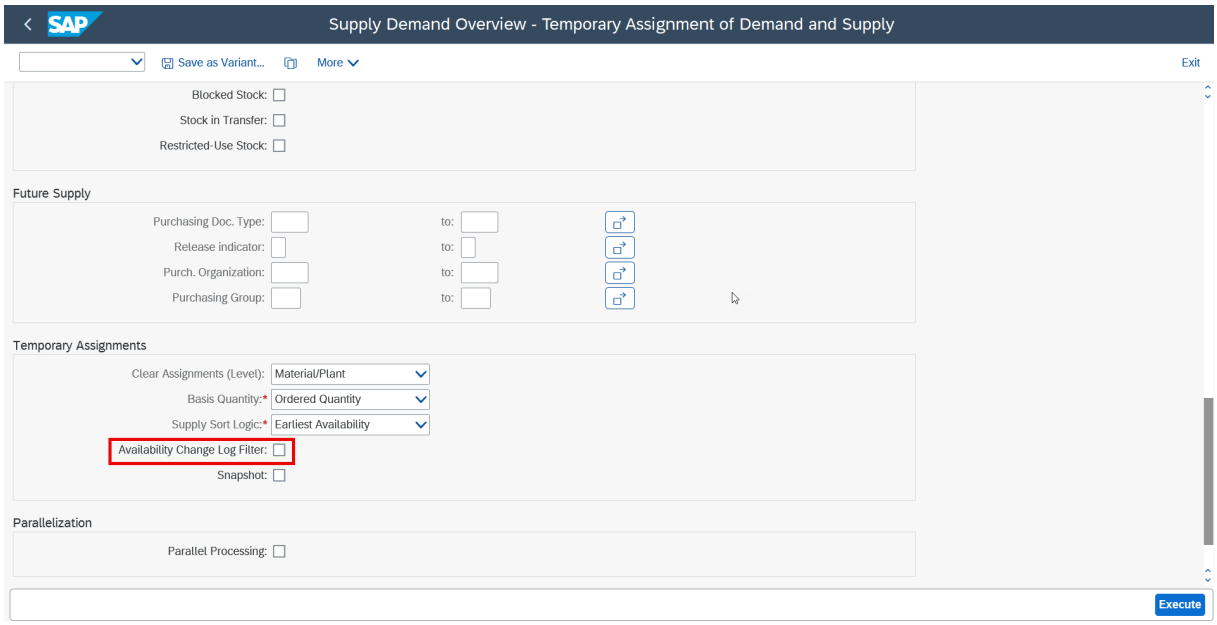
With this enhancement, the temporary assignment process is integrated with the availability change log, eliminating the need to reprocess all selected materials during each run.

Previously, when you executed a temporary supply assignment, the system evaluated the supply and demand for every selected material, even if there were no changes to inventory or customer orders since the previous run. Now, the system uses the availability change log to identify materials with relevant changes. It skips unchanged materials and recalculates assignments only for those that have been modified.

Business benefits:

- **Accelerated processing**: The system shifts from a complete assignment recalculation to a targeted net change approach, reducing execution time for temporary assignment reports.
- **Optimized system performance**: The system bypasses unchanged materials, lowering resource consumption during background jobs.
- **Enhanced real-time visibility**: Because reports run faster and require fewer resources, you can execute temporary assignments more frequently. This ensures accurate, more up-to-date insights into supply and demand without overloading the system.

Changes to the User Interface



With this option, the system tracks and evaluates net changed assignments for supply assignments using an availability change log (ACL).

> **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

To use this delta filtering capability, ensure that the relevant availability change log (ACL) network triggers are active for your application area. However, the system relies on active change logging for the following technical indicators maintained in the table *Availability Change Log Category* (ATPNETCHGFILTER):

- 1 (Demand)
- 2 (Supply)
- 3 (Supply Protection)
- 8 (Supply from Planning Run)
- 9 (Demand from Planning Run)
- 10 (Supply Assignment)

Effects on Existing Data

The new development doesn't automatically modify, delete, or migrate any existing master data, transaction data, or configuration settings. The enhancement introduces optional processing logic that applies only to temporary assignment calculations.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable.
Technical Object Name	App ID: `F4054`
Application Component	`LO-RFM-ARN` (*Order Allocation Run*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Temporary Assignment in Supply Assignment
Availability Change Log (CA-ATP-ACL)

15.1.3.1.4 Adjustment of Confirmation Date based on Assignments

Business Details

With this feature, the system automatically updates confirmed dates to reflect the actual availability of supply for both fully and partially assigned demand document items.

Previously, the Production Availability Check (PAC) did not update the confirmed dates of demand items when demand was assigned to future supply or reassigned to a different future supply than the one used for the original confirmation. As a result, if the confirmation date of the underlying supply changed, the demand item continued to display the previously confirmed date, resulting in outdated and inaccurate confirmation information. You can define rules for how the system adjusts confirmation dates when supply is assigned to demand document items. Four update options are available, which can be combined:

- *Move material availability date backward only*: Updates the confirmed date to an earlier date when supply is available sooner than originally confirmed.
- *Move material availability date forward only*: Updates the confirmed date to a later date when the assigned supply source has a later availability.
- *Move material availability date backward or forward*: Allows date adjustments in both directions, so that the confirmed date is always aligned with the actual supply availability, regardless of whether the supply is available earlier or later than originally confirmed.
- *Unassign requirement*: Removes the supply assignment if the date conditions are not met, ensuring that no invalid or misaligned assignments remain in the system.

Implementation Details

Customizing

- Configure how you want confirmation date update for stock transport orders using customizing for *Assign Stock Transport Order Rules to Document Types* under *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Advanced Available-to-Promise (aATP)* > *Supply Assignment (ARun)* > *Cross-Applications* > *Stock Transport Order Handling*.
- Configure how you want confirmation date update for sales orders using customizing for *Assign Sales Document Rules to Order Types* under *SAP Customizing Implementation Guide* > *Cross-Application Components* > *Advanced Available-to-Promise (aATP)* > *Supply Assignment (ARun)* > *Cross-Applications* > *Sales Document Handling*.

When you activate the configuration, the system updates or de-allocates confirmation dates for existing sales orders and stock transport orders (fully or partially assigned) when you run a new Supply Assignment based on the rule you select. As a system administrator, inform planners that schedule line dates now shift automatically based on supply movements

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F4054`
Application Component	`LO-RFM-ARN` (*Order Allocation Run*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Dynamic Confirmation Date Adjustment for Assigned Demand Documents

15.1.3.1.5 Requirement Sorting during creation/change of Inbound Delivery of assigned Purchase Order

Business Details

This feature enables you to follow specific sorting rules when creating or updating an inbound delivery for an assigned purchase order. Previously, when a partial inbound delivery was created for a purchase order assigned to multiple sales orders, there was a possibility that low-priority sales orders received the stock first and the system did not consider business urgency, cancellation dates, or customer priority.

With this enhancement, you can control how stock from a partial inbound delivery is allocated to assigned sales orders. For example, you can choose to sort requirements by delivery priority. In this case, the system allocates the available stock to the highest-priority sales orders first. Lower-priority sales orders remain assigned to the original purchase order. They are processed when the remaining stock is delivered.

If no specific sorting rule is defined for a plant, the system continues to use the existing sorting logic based on the sales order number.

This enhancement gives your business greater control over inventory allocation. It helps ensure that critical customer commitments are fulfilled first. It also reduces the need for manual reassignment.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`F4375 (Monitor Supply Assignment Demand)`
Application Component	`LO-RFM-ARN` (*Order Allocation Run*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Changing Purchase Orders

15.1.3.1.6 Apply Rounding Rules During Supply Assignment

Business Details

With this feature, the system applies rounding rules during supply assignment, ensuring that only complete units such as full cartons are assigned to an order. Previously, rounding rules were considered only during release checking. As a result, the system could assign a partial quantity to the order and keep it in an assigned state until it was manually removed.

For example, if a sales order requested 36 EA, or 3 cartons, but only 34 EA were available, release checking would allow 24 EA, or 2 cartons, to be delivered while leaving the remaining 10 EA assigned to the order. With the new rounding behavior, the system interprets rounding rules during supply assignment. In the same example, the system assigns only 24 EA, or 2 full cartons, to the order and does not leave a residual partial quantity assigned. This improves order accuracy and streamlines fulfillment for deliveries that require full-unit quantities.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`F4647 (Configure Supply Assignment Rule)`
Application Component	`LO-RFM-ARN` (*Order Allocation Run*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Supply Assignment Rule

15.1.3.1.7 Manage Product Segmentation App Enhancements

Business Details

With the *Manage Product Segmentation* Fiori app, enhancements are available.

The following enhancements are available in the *Manage Product Segmentation* Fiori app:

- When a new characteristic is added to a structure or an existing characteristic is modified, the segment values and rules must be regenerated to maintain consistency.
- **Generate CDP Class** and **Transfer to liveCache** button is disabled if SAP S/4HANA to PPDS integration is not activated.
- The templates used for upload and download functionality support validity periods through the *Valid From* and *Valid To* fields.
- The rules support validity periods through the *Valid From* and *Valid To* fields.
  You can filter the entries available for the rules based on *Active Rules*, *Past Rules*, *Future Rules* and *Active and Future Rules*
- A job is available that synchronizes rule data from tables with validity periods for the following rules to the corresponding tables without validity periods:
  - *ARun/MRP: Requirement/Stock Allocation*
  - *ATP: Define Pool Segment and Check Level*
  - *Dependent Requirements/Stock Transfer*
  - *Requirement to Stock Conversion*
  - *Planned Independent Rqmts Consumption*

  The synchronized data is then used to execute *Generate Rules* for any strategy of a structure.
  To use the validity period feature, you must schedule this job using job template **Segmentation Sync Time dependency Job Template** (`SGT_SYNC_TMDEP_JOB_TEMPLATE`) from *Application Jobs* app.
- While assigning products to a strategy, you can now view or download the list of open documents for each application type that restricts the assignment of the selected products to the strategy.

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	Changed
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 FPS02

Related Information

Manage Product Segmentation App
Status Changes Triggered by Characteristic Updates
Rules with Validity Periods
Job to Synchronize Rule Data with Validity Periods to Tables without Validity Periods

15.1.3.1.8 Manage Default Segmentation Catalogs App Enhancements

Business Details

With the *Manage Default Segmentation Catalogs* Fiori app, field ranking is available for default and additional fields in 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.

When *Enable Ranking* button is activated, ranking is first assigned to the default fields in the sequence in which they currently appear in the catalog for the respective application area. When field ranking is already enabled and if you synchronize new fields using *Synchronize* button, then newly synchronized additional fields for each application area will be assigned the next available rank numbers in alphabetical order.

You can enable or disable field ranking, or edit ranks using the *Manage Default Segmentation Catalogs* Fiori app.

Field ranking would be activated only for those fields that are enabled. If field ranking is disabled and then enabled again, the previously defined rankings are not retained. When a rank is changed, the remaining fields are automatically renumbered to maintain consecutive rankings.

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 FPS02

Related Information

Manage Default Segmentation Catalogs App
Field Ranking

15.1.3.1.9 Manage Default Segmentation Rules App Enhancements

Business Details

With the *Manage Default Segmentation Rules* Fiori app, rule determination logic is available to identify the rule that takes precedence while processing a business document. Also, you can check deviations between document segment values and default segment values.

The following enhancements are available in the *Manage Default Segmentation Rules* Fiori app:

- When a business document is processed, the system gathers all active rules valid for that date and application type. Each rule is then scored by counting how many ranked fields it defines conditions for, forming a specificity score where more conditions mean a higher score. Rules are sorted from most specific to least specific, ensuring the most precise match is always checked first. The system evaluates each rule top-down against the document-defined fields must match exactly, while blank fields act as wildcards accepting any value. The first rule where all defined conditions match the document always takes precedence.
- Use *Show Deviations* in the *Manage Default Segmentation Rules* Fiori app to identify business documents whose actual segment values differ from the values determined by the *Manage Default Segmentation Rules* Fiori app.
  This feature is available for 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,Outline Agreement, and Planned Independent Requirements.

> **Note**
>
> Field ranking must be enabled in the *Manage Default Segmentation Catalogs* Fiori app to perform rule determination based on the field ranks assigned in the app and to use *Show Deviations* in the *Manage Default Segmentation Rules* Fiori app.

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 FPS02

Related Information

Manage Default Segmentation Rules App
Rule Determination
Show Deviations

15.1.3.1.10 Enhancements to Segmentation Mapping in Documents from PP/DS to SAP S/4HANA

Business Details

PP/DS planning run results now include material reservations, which are first created in PP/DS and replicated to SAP S/4HANA.

In this inbound process, segmentation characteristic values are copied to the segmentation values in SAP S/4HANA.

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 FPS02

Related Information

Segmentation Mapping in Documents from PP/DS to SAP S/4HANA

15.1.3.2 Retail for Merchandise Management

15.1.3.2.1 App Extensibility: Manage Assortment Modules (Key User)

Business Details

With this feature, you can extend the *Manage Assortment Modules* app according to your business needs.

Depending on your business requirements, you can now create and maintain custom fields to enhance the *Manage Assortment Modules* app. You can add fields to the following UI elements using key user adaptation:

Business Context	UI Technology	Navigation Path	UI Element Type
RFM_ASM_EXPLICIT	SAP Fiori	Manage Assortment Modules > *Assortment Modules* list report	Table
RFM_ASM_EXPLICIT	SAP Fiori	Manage Assortment Modules > *Assortment Modules* list report	Filter
RFM_ASM_EXPLICIT	SAP Fiori	Manage Assortment Modules > *Assortment Module* details page > *General Information* section	Tab

You can also use these custom fields to filter for specific assortment modules when you assign a product to assortment modules using the *Assign Product to Assortment Modules* app, or when you assign a store to assortment modules using the *Assign Store to Assortment Modules* app.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Business Context: `RFM_ASM_EXPLICIT`
Application Component	`LO-RFM-MD-LST` (*Listing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

App Extensibility: Manage Assortment Modules (Key User)

15.1.3.2.2 Composite Barcode Support in Retail Inventory Applications

Business Details

You can now use composite barcodes, including QR codes and Data Matrix codes, to identify products and complete inventory tasks. The system supports GS1-standard barcodes and automatically extracts the *Global Trade Item Number* (GTIN) from a single scan, improving data accuracy and reducing manual entry.

The updated scanning logic also supports traditional simple barcodes, ensuring compatibility with existing labeling standards. Using an integrated scanning library, the apps decode GS1 barcode strings and can populate multiple fields in the user interface from a single scan. This lets you adopt composite barcode standards while continuing to support traditional simple barcodes.

The following retail Fiori apps support composite bar code scanning:

- Transfer Products
- Count Stock
- Count Stock Ad hoc
- Adjust Mass Stock
- Process Picking Requests
- Hand Over Orders
- Look Up Retail Products

Implementation Details

Customizing

To support composite barcode parsing, configure the following settings in the *SAP Customizing Implementation Guide* using the transaction code SPRO:

- Define rules to capture data from composite barcode strings in Customizing for *Materials Management* under *Inventory Management and Physical Inventory* > *Barcode Scanning* > *Define Barcode Parsing*.
- Define the active barcode parsing rule set and hardware settings for each SAP Fiori app in Customizing for *Materials Management* under *Inventory Management and Physical Inventory* > *Barcode Scanning* > *Assign Parsing and Hardware Settings to SAP Fiori App*.
- Define how barcodes are captured and choose which hardware is used in Customizing for *Materials Management* under *Inventory Management and Physical Inventory* > *Barcode Scanning* > *Define Settings for Scanner Hardware*.

> **Note**
>
> You can view and verify hardware and barcode parsing rules in *Scanner Settings* in the SAP Fiori launchpad. Currently, during barcode scanning, the system extracts only the Global Trade Item Number (GTIN).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F2449`
	`F1512`
	`F5563`
	`F4959`
	`F4643`
	`F4639`
	`F0431`

Application Component	`LO-RFM-STO-FIO` (*In-Store Merchandise and Inventory Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Bar Code Scanner
Transfer Products
Count Stock
Count Stock Ad hoc
Adjust Mass Stock
Process Picking Requests
Hand Over Orders
Look Up Retail Products

15.1.3.2.3 Partial Picking and Partial Handover of Products

Business Details

With this feature, store associates can now fulfill and hand over available items even when the full order quantity is not yet ready. This helps stores serve customers faster, reduce wait times, and improve flexibility when stock is only partially available.

In the *Process Picking Requests* app, associates can confirm the available quantity during picking, and the system automatically creates a follow-up picking request for the remaining items. This supports smoother store operations and ensures unfulfilled quantities can be completed once stock is replenished.

In the *Hand Over Orders* app, associates can hand over partially picked items directly to customers without waiting for the full order to be completed. Dedicated views by handover status also make it easier to track which items are ready, already handed over, or still pending, helping stores manage partial order fulfillment more efficiently.

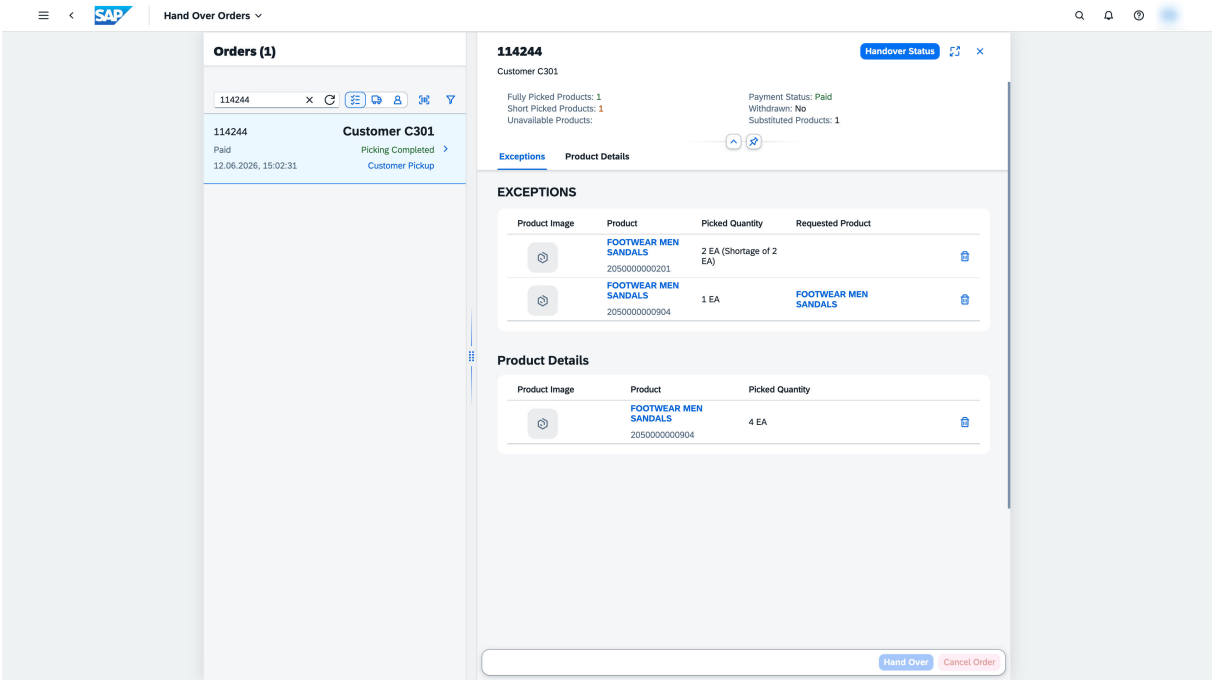
> ⓘ Note
>
> The partial picking and partial handover functionality requires the creation of additional schedule lines for a sales order item. For more information, see *Configuration Tasks* in App Implementation: Process Picking Requests.

Changes to the User Interface

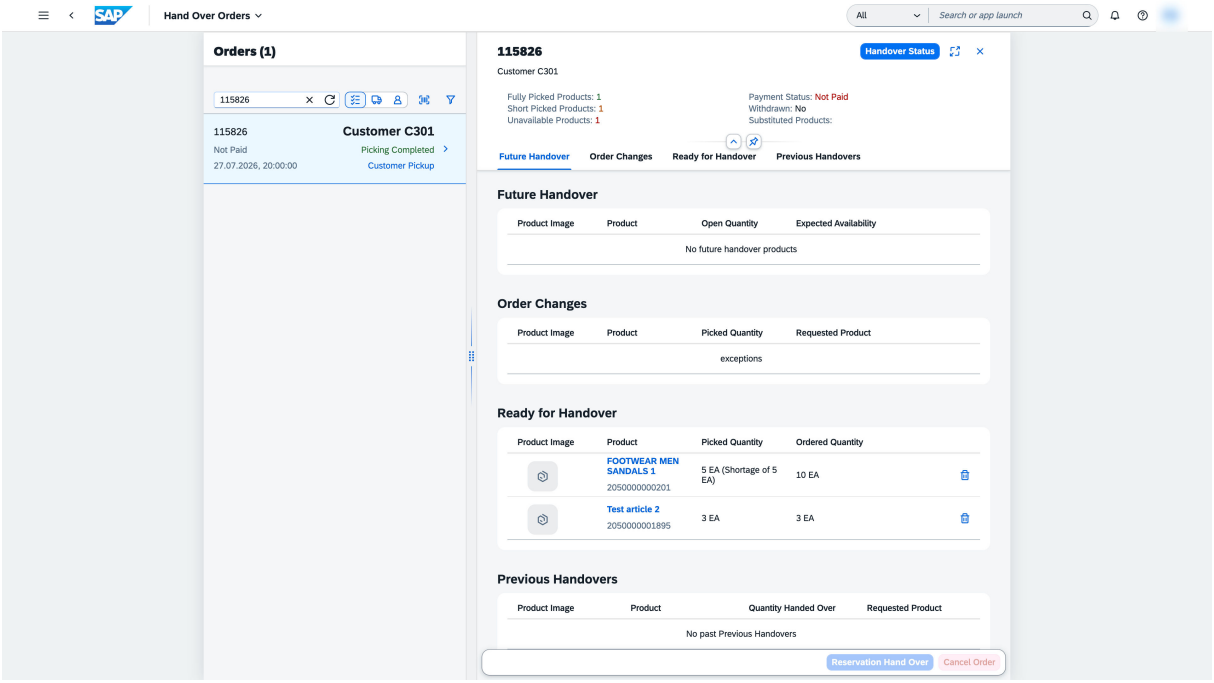
> ⓘ Note
>
> The screenshots are examples to make the described change visible. Please note that the screenshots show the English version of the user interface only, and that the user interface in your system might look slightly different due to configuration and extensibility options available.

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

To allow partial picking and partial handover in the applications and processes, you must enable the checkbox *Allow Partial Picking and Partial Handover* 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 Process Picking Requests* > *Customizing Schema settings for Store Picking Requests* > *Define Customizing Schema for Store Picking Requests*. You can access this Customizing through *SAP Customizing Implementation Guide* using the transaction SPRO.

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 FPS02

Related Information

Process Picking Requests
Hand Over Orders

15.1.3.2.4 Configure Product Listing Lead Time in POS Outbound Service

Business Details

This feature introduces support for a configurable POS lead time, enabling article (product) data to be replicated to POS systems ahead of the listing start date. The SOAP service *Product Merchandise Data – Replicate (Asynchronous A2A)* (`ProductMerchandiseViewReplicationBulkRequest_Out`) uses the configured lead time to identify which articles are due for publication, ensuring that POS systems receive article information factoring in both the sell-from date in the store and the configured lead time.

If no lead time is configured, the system defaults to 0, preserving the previous behavior.

> ⚠ Restriction
>
> Lead time determination is supported only under the following conditions:
>
> - Lead time is maintained at the sales organization and distribution channel level (with or without store).
> - The article's sales area matches the organizational level at which lead time is maintained.
>
> The following scenarios are not supported:
>
> - Lead time maintained at the replication model level.
> - Mismatched organizational hierarchies between the article's sales area and the lead time configuration.

Implementation Details

Customizing

You can access this Customizing through *SAP Customizing Implementation Guide* using the transaction SPRO. You configure the POS lead time in Customizing for *Sales and Distribution* under *POS Interface* > *Outbound* > *Assign POS Lead Time to Organizational Units*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`LO-RFM-IFC-OUT` (*POS Interface - Outbound*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Merchandise Data Replication in a POS System

15.1.3.2.5 Batch Handling in POS Inbound IDocs

Business Details

With this feature, you can transfer batch numbers from the point-of-sale (POS) system to SAP S/4HANA Cloud Private Edition and SAP S/4HANA systems using inbound IDoc processing for both sales per receipt (`WPUBON`) and aggregated sales (`WPUUMS`).

The batch number is now included in the POS inbound sales data, enabling accurate goods issue posting for batch-managed articles. This enhancement ensures full traceability of batch-managed products from the point of sale through to inventory management, improving compliance with regulatory requirements and enabling precise stock management at the batch level.

The POS Inbound IDoc item segments are enhanced with a new field for batch number:

- `E1WPB02` (for Sales per Receipt – `WPUBON`)
- `E1WPU02` (for Aggregated Sales – `WPUUMS`)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	IDoc Segments: • `E1WPB02` (for Sales per Receipt – `WPUBON`) • `E1WPU02` (for Aggregated Sales – `WPUUMS`)
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 FPS02

Related Information

Sales/Returns (Store)

15.1.3.2.6 Serial Number Processing in POS Inbound Sales Interface

Business Details

With this feature, you can now send and process serial numbers for serialized articles received from the point-of-sale (POS) system using inbound IDoc processing for sales per receipt (`WPUBON`) in the POS inbound sales interface.

Previously, serial numbers captured at the POS (for example, through barcode scanning) could not be processed through IDoc-based POS Inbound, resulting in incomplete serialized stock tracking and limited return validation. With this enhancement, IDoc processing now aligns with the existing SOAP-based interface, enabling end-to-end serial number handling.

The POS inbound IDoc item segment `E1WPB02` is enhanced with a new field for serial number for *Sales per Receipt* (`WPUBON`).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	IDoc Segment: `E1WPB02` (for Sales per Receipt – `WPUBON`)
Application Component	`LO-RFM-IFC-IN-SRV` (*Service based POS Interface - Inbound*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Related Information

Sales/Returns (Store)

15.1.3.2.7 Real-Time Stock Visibility in Fiori In-Store Apps Using Unprocessed POS Sales Data

Business Details

With this feature, store associates and managers can see real-time on-hand stock quantities in SAP Fiori in-store applications.

SAP S/4HANA retrieves unprocessed POS sales data through the integration with SAP Omnichannel Sales Transfer and Audit system. These unprocessed POS sales data are deducted from the current book inventory, so the stock quantity shown in the apps is more accurate even before end-of-day POS inbound processing is completed.

This real-time stock information is available in apps such as:

- Look Up Retail Products
- Transfer Products
- Order Products
- Manage Stock Counting
- Count Stock Ad Hoc
- Count Stock

This helps store associates and managers:

- Make better decisions using more accurate stock information
- Perform more reliable physical inventory counts
- Avoid incorrect stock adjustments
- Improve day-to-day store operations
- Maintain better inventory accuracy

When a stock count is submitted, the book quantities are updated. This helps prevent the same POS sales from being deducted twice.

Implementation Details

Customizing

- Configure OAuth 2.0 using transaction `OA2C_CONFIG` or `SOAUTH2_CLIENT` with the `RFM_OSTA_PROFILE` profile, then create an RFC destination in `SM59` referencing that OAuth configuration. Assign the RFC destination in Customizing for *Logistics - General* under *Store Operations* > *In-Store Merchandise and Inventory Management - UI5 Apps* > *Basic Settings for All Apps* > *Define Destination for SAP Omnichannel Sales Transfer and Audit Integration*.
  For more information, see RFC Destination Configuration for SAP Omnichannel Sales Transfer and Audit.
- For **Count Stock / Manage Stock Counting** app, always select the *Freeze Book Inventory* checkbox when creating a physical inventory document using the **Create Physical Inventory Documents (F3197)** app.
  For more information, see Physical Inventory Counting During Store Business Hours.

Effects on Existing Data

The store associates and managers get real-time stock visibility in operational apps, that is, no more waiting for overnight POS updates. Look-ups, transfers, and orders become faster and more reliable, helping associates and managers make smarter decisions and keep inventory running smoothly all day long.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID:
	`F5563`
	`F1512`
	`F8440`
	`F0431`
	`F2449`
	`F0752`

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 FPS02

Related Information

Real-Time Inventory Visibility Through Unprocessed POS Sales Integration

15.1.3.2.8 Listing Overview Application: Faster Grid-Based Experience and Streamlined Navigation

Business Details

The *Listing Overview* application has been enhanced with a redesigned, flat grid table layout, replacing the previous hierarchical tree structure. This new design improves performance when working with large datasets by reducing memory consumption and processing time.

Key enhancements include:

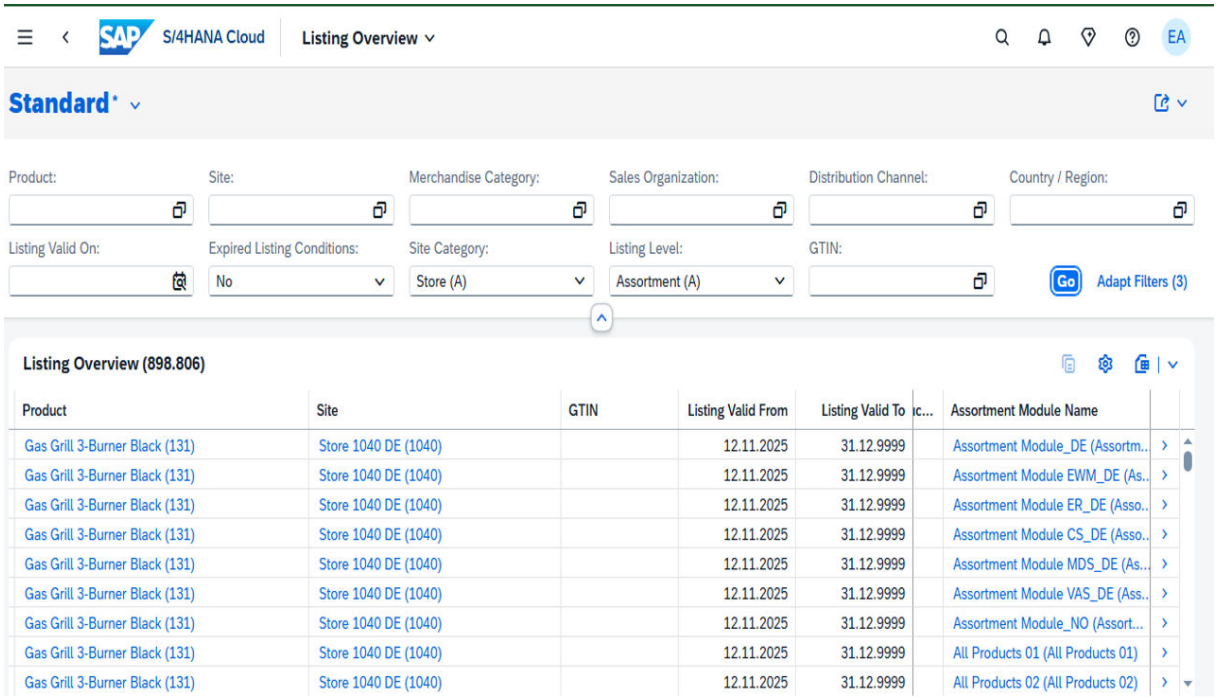
- High-performance grid table for faster data loading and interaction.
- Simplified flat table structure for a cleaner, more data-focused view.
- Active navigation links on the Assortment Module Name, enabling seamless navigation between related applications.
- Removal of hierarchy-related columns that were previously used for structural grouping, improving readability and reducing visual complexity.

Business Context

You can now navigate directly to the *Assortment Module* application by clicking on the *Assortment Module Name*. This is achieved through a mapping to the *Assortment Module* app.

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.



Implementation Details

Authorizations

To enable users to access this app, their business users need to have the following IAM app assigned: *Listing Overview* (F7745_TRAN)

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F7745
Application Component	LO-RFM-MD-LST (*Listing*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Listing

15.2 Energy & Natural Resources

15.2.1 Oil & Gas

15.2.1.1 Field Logistics

15.2.1.1.1 Direct to Remote – Forward and Return Process Enablement

Business Details

You can now execute direct-to-remote supply chain processes end-to-end, where materials are sourced from a supplier and delivered directly to the remote plant or offshore site, without first passing through the base plant. Version V4 is applied for SP11 and SP14, enabling direct procurement at remote plants with end-to-end logistics tracking. Auto-staging is supported for SP14. Return initiation from the object page is enabled for direct-to-remote scenarios for both stock and non-stock items.

- Version V4 is applied for SP11 and SP14, enabling direct procurement at remote plants with end-to-end logistics tracking. Auto-staging from maintenance order creation through goods receipt is supported for SP14.
- You can receive direct-to-remote purchase order items in Process Receipts for both stock and non-stock scenarios.
- You can initiate returns from the object page for direct-to-remote scenarios for both stock and non-stock items. For base-as-remote scenarios, *Send to Post-Processing* is defaulted and non-editable, and entries are automatically created in the Process Returned Items application.
- The *Arriving at Base* tab has been renamed to *To be Received*. All items expected to arrive at base continue to be listed under this tab.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	40G (Field Logistics Planning and Execution) 4AH (Field Logistics Planning and Execution – Supplier Items) 5OM (Field Logistics Planning and Execution – Direct Procurement) 6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	Not applicable
Application Component	CA-FL-GR (*Goods Receipt*) CA-FL-SRV (*Services*) CA-FL-SC (*Supply Chain*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.1.2 Manage Restricted Items: New Application for Centralized Restricted Item Management

Business Details

The new *Manage Restricted Items* app enables you to create, view, update, and delete restricted item records from a centralized application. Origin and product details are determined automatically on record creation. The app supports business events for CREATE and UPDATE operations and provides end-to-end traceability from creation through all associated downstream documents.

- The app provides enhanced filter options to locate and manage restricted item records.
- The object page captures Notes, Attachments, and Change Documents facets, displaying the full lifecycle of a restricted item.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	40G (Field Logistics Planning and Execution)

Technical Object Name	App ID: F9115
Application Component	CA-FL-GR (*Goods Receipt*) CA-FL-SRV (*Services*) CA-FL-GR (*Goods Receipt*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.1.3 Restricted Item Enhancements Across Field Logistics Applications

Business Details

Restricted item support is now available across Field Logistics applications. Deep search for restricted items is now supported across all nesting levels within packages and containers. Process Receipts, Process Cross-Plant Receipts, Manage Logistics, Manage Kits, and Pack Containers now show restricted item indicators and class details. Validation hooks with configurable messages are in place for forward and returns applications, and the system automatically carries restricted item information to predecessor and follow-on documents.

- You can now search for restricted items across all nesting levels within packages and containers.
- Process Receipts, Process Cross-Plant Receipts, Manage Logistics, Manage Kits, Pack Containers – These apps now show restricted item indicator columns and popovers with class details across all relevant facets and views. You can navigate directly to the Manage Restricted Items page from these popovers.
- The system validates restricted items when you select the *Receive* button in the Process Receipts application and the *Initiate Transport* button in the Manage Logistics application. You can configure error and warning messages.
- The system validates restricted items on dispatch, initiate return, return to stock, and add activity actions. You can configure error and warning messages.
- The system automatically carries restricted item information to predecessor and follow-on documents across the supply chain, including purchase orders, inbound and outbound deliveries, and kit items.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	40G (Field Logistics Planning and Execution) 4AH (Field Logistics Planning and Execution – Supplier Items) 5OM (Field Logistics Planning and Execution – Direct Procurement) 6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID: `F5316` App ID: `F4713` App ID: `F5082` App ID: `F8005` App ID: `F5786`
Application Component	`CA-FL-GR` (*Goods Receipt*) `CA-FL-SC` (*Supply Chain*) `CA-FL-SRV` (*Services*) `CA-FL-RET` (*Returns*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.1.4 Manual Reservations, Purchase Orders, and Ad-Hoc Items: Kit Management for Non-Standard Procurement

Business Details

You can now create and manage kits for manual reservations, manual purchase orders, and ad-hoc items. Kits are automatically generated at the reservation header level, when a manual purchase order with non-stock items is created, or for DWR/ad-hoc based items. The system automatically updates kits when items are added or quantities change. You can customize kit reference IDs and related logic using BAdI implementations.

- The system automatically generates kits at the reservation header level, when a manual purchase order with non-stock items is created, or for DWR/ad-hoc based items. Kits are visible in the Manage Kits application.
- When you add items or modify quantities, the system updates the kit automatically. When purchase order items reference orders, the system assigns items to the appropriate kit based on header or operation level reference.
- You can delete items in requirement status, and the system updates the kit accordingly. Deletion of staged items is prevented, and the system displays appropriate error messages.

- The system determines storage location based on priority: first from the material master, then from configuration. You can override this using a BAdI.
- New customizing nodes are available for manual reservations, purchase orders, and DWRs.
- You can use BAdI implementations to customize kit reference IDs and related logic.

Implementation Details

Customizing

The new customizing nodes available for manual reservations, purchase orders, and DWRs are as follows:

- *Field Logistics* > *Kitting* > *Maintain Kitting Attributes per Plant for Manual Reservations*
- *Field Logistics* > *Kitting* > *Maintain Kitting Attributes per Plant for Manual Purchase Orders*
- *Field Logistics* > *Kitting* > *Maintain Kitting Attributes per Plant for Ad Hoc Items*

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-RET` (*Returns*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.1.5 Labels and Forms: Output management for Field Logistics Applications

Business Details

With this feature, you can generate and print the following labels and forms across Field Logistics applications:

- Manage Kits: Kit Summary label including item details
- Pack Containers: Container Form, Package Label, and Delivery Label

- Initiate Returns by Product App: Delivery Label and Product Label with a new "Contains Restricted Item" field, and an enhanced HU Label with restricted item information.

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` App ID: `F5786` App ID: `F4252`
Application Component	`CA-FL-RET` (*Returns*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.1.6 Manage Field Logistics Voyage App: Field Logistics and Transportation Management Integration

Business Details

You can now synchronize Field Logistics (FL) voyages with Transportation Management (TM). Freight documents and unit assignments are created automatically when you *Sync to TM* after setting the voyage to *Ready for Shipment*. Stage mapping, delta synchronization, and multi-voyage assignment are supported. The freight document and booking ID are stored in the Voyage database with a hyperlink to the TM object page.

- FL-TM integration is activated per plant through customizing node, with transport mode to document type mapping.
- Freight orders or freight bookings are created based on the mode of transport, along with freight unit assignments, when you select *Sync to TM* after setting the voyage to *Ready for Shipment*. The system validates prerequisites and displays error messages if conditions are not met.
- The freight document and booking ID are stored in the Voyage database with a hyperlink to the TM object page.
- Voyage stages are mapped one-to-one to TM stages on Sync to TM. Statuses are also mapped between FL and TM. Outbound deliveries are mapped to their respective freight units. For nested container-package, container, or package scenarios, the parent entity is mapped as a local item in TM, maintaining the hierarchy in FL by assigning items under it.

- Post-synchronization assignment changes are tracked through before-and-after imaging and pushed to TM on demand.
- Deliveries can be split across multiple voyages with different transport modes. The freight unit status progresses from Partially Planned to Planned as voyages are assigned.
- TM-related fields are displayed conditionally based on plant-level integration activation.

Implementation Details

Customizing

To activate FL-TM integration per plant, use the customizing node: *Field Logistics* > *Shipment* > *Transportation Management Integration* > *Activate Integration and Maintain Document Mapping*

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID: `F6040`
Application Component	`CA-FL-SG` (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.1.7 SPK-Based PR and STR Creation

Business Details

The system now creates purchase requisition (PR) and stock transport request (STR) documents based on special procurement type (SPK) values in the material master. This is applicable for all stock supply processes. The system automatically determines document types and item categories, such as consignment and subcontracting, according to SPK settings.

- PR and STR documents are created based on special procurement type values defined in the material master and special procurement type configuration.
- The system automatically determines procurement process and item categories, such as consignment and subcontracting, according to SPK settings.

- This feature applies to all stock supply processes. A new checkbox has been introduced in the field logistics configuration to enable SPK-based procurement. The functionality described above is applicable only when this checkbox is enabled.

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-GR` (*Goods Receipts*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.1.8 Initiate Returns by Order and Mass Returns: Send to Post-Processing Enhancements

Business Details

You can now control return routing to post-processing at the point of initiation. A new *Send to Post Processing* checkbox in the Initiate Returns by Order application and mass returns page lets you determine whether returned items are routed to the Process Returned Items application for further handling. Entries are created automatically in Process Returned Items for both stock and non-stock items on return initiation.

- A new checkbox in the Initiate Returns by Order application and mass returns page lets you determine whether returned items are routed to the Process Returned Items application for further handling.
- The checkbox is editable for all scenarios except base-as-remote. For direct-to-remote scenarios, the checkbox is editable but must be selected. For base-as-remote scenarios, the checkbox is defaulted and non-editable.
- Entries are created automatically in Process Returned Items for both stock and non-stock items on return initiation.
- During mass returns processing, successful and failed items are clearly marked. Error logs are available for investigation.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID: F4682
Application Component	CA-FL-RET (*Returns*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.1.9 Initiate Returns by Product: Single Plant Support

Business Details

You can now initiate returns for single plant scenarios directly from the Initiate Returns by Product application. The app includes updated app settings, new statuses, and a new Send to Post-Processing checkbox with scenario-based default selection and conditional visibility. When a return is initiated from the Initiate Returns by Order application for a single plant scenario, an entry is automatically created in the Initiate Returns by Product application.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	App ID: F4252
Application Component	CA-FL-RET (*Returns*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.1.10 OData API: Pack Containers

Business Details

With the new enhancement to Pack Containers API, you can print the details of shipment items, packages, and containers. The service is based on the OData protocol and can be consumed by external systems.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	API: `API_SHIPMENTCONTAINERPACKG`
Application Component	`CA-FL-SG` (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

API for Pack Containers

15.2.1.1.11 OData API: Field Logistics Initiate Returns by Work Order

Business Details

This service allows you to initiate returns by order within a Field Logistics scenario. The service uses the OData protocol and can be consumed by external systems and other consumers. Additionally, you can perform the *Return to Stock* action.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	API: `API_RETURNSWORKORDERVIEW`
Application Component	`CA-FL-RET` (*Returns*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Field Logistics Return by Work Order

15.2.1.1.12 OData API: Field Logistics Process Returned Items

Business Details

The Field Logistics Process Returned Items service enables you to read and process returned items, as well as manage related activities, comments, and documents.

The service is based on the OData protocol and can be consumed by external systems to integrate with Field Logistics processes.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	API: `API_PROCESSRETURNEDITEM`

Application Component	`CA-FL-RET` (*Returns*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Field Logistics Process Returned Items

15.2.1.1.13 OData API: Field Logistics Process Returns

Business Details

This service allows you to manage cross plant receipts for business objects such as Containers, Packages, Delivery Items, and Handling Units. Key functions include the ability to process a cross-plant receipt, read the details of an existing cross-plant receipt, and reverse a posted cross-plant receipt.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	API: `API_RETURNPROCESSING`
Application Component	`CA-FL-RET` (*Returns*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Field Logistics Process Returns

15.2.1.1.14 OData API: Field Logistics Initiate Returns

Business Details

This service allows you to manage the initiation of product returns within a Field Logistics scenario. The service uses the OData protocol and can be consumed by external systems and other consumers. Additionally, you can perform the following actions: Dispatch and Set Container ID.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	API: `API_RETURNSINITIATION`
Application Component	`CA-FL-RET` (*Returns*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Field Logistics Intiate Returns

15.2.1.1.15 BAdI: Print Shipment Delivery Item

Business Details

This Business Add-In (BAdI) (`FLOG_OUTP_PRINT_DELV_ITEM`) is used in printing the Shipment Delivery Item output form from the Pack Containers application, which is part of the Field Logistics – Shipping (CA-FL-SG) component. This BAdI enables you to implement custom logic to maintain values of key user-added custom fields in the Shipment Delivery Item output form.

> **Note**
>
> Shipment Delivery Item refers to the Ready to Pack tab in the Fiori (UI) screen in the Pack Containers application.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	`FLOG_OUTP_PRINT_DELV_ITEM`
Application Component	`CA-FL-SG` (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.1.16 BAdI: Print Returns Delivery Item

Business Details

This Business Add-In (BAdI) (`FLOG_OUTP_PRINT_RET_DELV_ITEM`) is used in printing the Returns Delivery Item output form from the Initiate Returns by Product application, which is part of the Field Logistics – Returns (CA-FL-RET) component. This BAdI enables you to implement custom logic to maintain values of key user-added custom fields in the Returns Delivery Item output form.

> **Note**
>
> Returns Delivery Item refers to the Products Tab in the Fiori (UI) screen in the Initiate Returns by Product application.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	`FLOG_OUTP_PRINT_RET_DELV_ITEM`
Application Component	`CA-FL-RET` (*Returns*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.1.17 BAdI: Print Packed Container Summary

Business Details

This Business Add-In (BAdI) (`FLOG_PRINT_PACKED_CTN_SUMM`) is used in printing the Packed Container Summary output form from the Pack Containers application, which is part of the Field Logistics – Shipping (CA-FL-SG) component.

This BAdI enables you to implement custom logic to maintain values of key user-added custom fields in the Packed Container Summary output form.

> **Note**
>
> This BAdI can be used to print the header level container with the items in it, as displayed on the Packed Container Tab on the Fiori (UI) screen.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	`FLOG_PRINT_PACKED_CTN_SUMM`
Application Component	`CA-FL-SG` (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.1.18 BAdI: Print Container Package Items

Business Details

This Business Add-In (BAdI) (`FLOG_PRINT_PACKED_CTN_ITEM`) is used in printing the Packed Container Summary output form within the Packed Container Tab from the Pack Containers application, which is part of the Field Logistics – Shipping (CA-FL-SG) component.

This BAdI enables you to implement custom logic to maintain values of key user-added custom fields in the Packed Container Summary output form.

> **Note**
>
> This BAdI can be used to print the items in the container, as displayed on the Packed Container Tab on the Fiori (UI) screen

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Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	`FLOG_PRINT_PACKED_CTN_ITEM`
Application Component	`CA-FL-SG` (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.1.19 BAdI: Print Packed Package Summary

Business Details

This Business Add-In (BAdI) (`FLOG_PRINT_PACKED_PKG_SUMM`) is used in printing the Packed Package Summary output form from the Pack Containers application, which is part of the Field Logistics – Shipping (CA-FL-SG) component.

This BAdI enables you to implement custom logic to maintain values of key user-added custom fields in the Packed Package Summary output form.

> **Note**
>
> This BAdI can be used to print the header level package with the items in it, as displayed on the Packed Package Tab in the Fiori (UI) screen.

.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	`FLOG_PRINT_PACKED_PKG_SUMM`
Application Component	`CA-FL-SG` (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.1.20 BAdI: Print Packed Package Items

Business Details

This Business Add-In (BAdI) (`FLOG_PRINT_PACKED_PKG_ITEM`) is used in printing the Packed Package Items output form from the Pack Containers application, which is part of the Field Logistics – Shipping (CA-FL-SG) component.

This BAdI enables you to implement custom logic to maintain values of key user-added custom fields in the Packed Package Items output form.

> **Note**
>
> This BAdI can be used to print the items in the package, as displayed on the Packed Package Tab in the Fiori (UI) screen

Technical Details

Type	New
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	`FLOG_PRINT_PACKED_PKG_ITEM`
Application Component	`CA-FL-SG` (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.1.21 Objects Released for Developer Extensibility in Field Logistics

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

Additional Details

The following table summarizes the objects that are added, changed, or deprecated for developer extensibility in the current release.

Objects Added, Changed, or Deprecated for Developer Extensibility

Object Type	End-User Name	Technical Name	Type	Details
Business Object Interface	Interface for Initiate Returns Order	`I_FldLogsProductByWorkOrderTP`	New	With this business object, you can update field logistics product reservations by work order, process returns of non-stock items and products, and initiate stock transfer actions.

Object Type	End-User Name	Technical Name	Type	Details
Business Object Interface	FieldLogistics Restricted Item	`I_FldLogsRestrictedItemTP`	New	With this business object, you can create, read and update restricted items.

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.

15.2.1.1.22 BAdI: Pack Container Kit Data

Business Details

This BAdI (`FLOG_PACKCTN_KIT`) has been enhanced to support kit creation and changes triggered from Manual Reservations, Manual Purchase Orders (PO), and Deliveries without Reference (DWR). Relevant header, item, and operation details from these source documents are now passed to the BAdI, allowing you to implement custom logic and configuration specific to each document type.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	6BA (Field Logistics Planning and Execution – Containers and Voyages)
Technical Object Name	`FLOG_PACKCTN_KIT`
Application Component	`CA-FL-SG` (*Shipping*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS02

15.2.1.1.23 BAdI: Modify Supplier Item data

Business Details

This Business Add-In (BAdI) (`FLOG_MODIFY_SUPLRITEM_DATA`) is used in the Field Logistics – Services (CA-FL-SRV) component.

This BAdI allows you to enhance the SP15 and SERV supply processes by enabling direct procurement of non-stock and rental items from any plant. It ensures that rental items are directly created against the supplying plant that is modified using this implementation, aligning with business needs for supply chain scenarios.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	40G (Field Logistics Planning and Execution)
Technical Object Name	`FLOG_MODIFY_SUPLRITEM_DATA`
Application Component	`CA-FL-SRV` (*Services*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.2 Production Revenue Accounting (PRA)

15.2.1.2.1 Data Management in Production and Revenue Accounting (PRA)

Business Details

New archiving objects have been added to Production and Revenue Accounting (PRA).

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`/PRA/GTMT1, /PRA/GTWV1, /PRA/AKR01`
Application Component	`IS-OIL-PRA` ((Production Revenue Accounting)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Additional Details

Data Management Object Details

Name of Data Management Object	Object Type	Changes with this Release	Details
`/PRA/GTMT1`	Archiving Object	New archiving object added.	You can use the archiving object to archive Montana Tax 2.0.
`/PRA/GTWV1`	Archiving Object	New archiving object added.	You can use the archiving object to archive West Virginia Tax 2.0.
`/PRA/AKR01`	Archiving Object	New archiving object added.	You can use the archiving object to archive Alaska Royalty 2.0.

Related Information

Archiving Montana Tax 2.0 Using PRA/GTMT1
Archiving West Virginia Tax 2.0 Using PRA/GTWV1
Archiving Alaska Royalty 2.0 Using PRA/AKR01

15.2.1.2.2 CDS Views in PRA

Business Details

New CDS views are created 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
`I_PRARgtyRptgProdnFacility`	IS-OIL-PRA	PRA Regulatory Reporting Facility
`I_PRARGTYTRANSPTRIDASSGMT`		Transporter Assignment of State ID

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 FPS02

Related Information

PRA Regulatory Reporting Facility
Transporter Assignment of State ID

15.2.1.2.3 Manage Regulatory Reporting Production Facility

Business Details

With this feature, you can display, create, delete and update entries of facility data for Regulatory Reporting.

- It provides a list to find and get an overview of facility data for Regulatory 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: F9471`
Application Component	`IS-OIL-PRA-REP-REG` (*Regulatory Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Regulatory Reporting Production Facility

15.2.1.2.4 Manage State-Issued ID Assignment to Transporter

Business Details

With this feature, you can display, create, delete and update entries of State-Issued ID Assignment to Transporter.

- Provides capability to find and get an overview of State-Issued ID Assignment to Transporter 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: F9472`
Application Component	`IS-OIL-PRA-REP-REG` (*Regulatory Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage State-Issued ID Assignment to Transporter

15.2.1.2.5 Schedule PP Treasury Payment Reversal Run

Business Details

With this feature, you can create a Treasury payment reversal request for selected PRA payments for which a Treasury request was previously created.

- Schedule a background job to reverse Treasury payment requests.
- Schedule the same process in test mode.
- Log is available for both test and productive modes

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`App ID: F9435`
Application Component	`IS-OIL-PRA-REV` (*Revenue*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS02

Related Information

Schedule PRA PP Payment Request Reversal

15.2.1.2.6 Schedule Gas Plant Statements Extraction

Business Details

With this feature, you can schedule a data extraction job run for Gas Plant Statements.

This feature enables you to:

- Schedule a background job for Gas Plant Statements.
- 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: F9632`
Application Component	`IS-OIL-PRA` (*Production Revenue Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Schedule Gas Plant Statements Extraction

15.2.1.2.7 Maintain DN Downstream Nodes

Business Details

With this feature, you can display, create, delete and update entries of *DN Downstream Nodes* with table, tree table and graphical view.

This feature:

- Provides capability to find and get an overview of *DN Downstream Nodes* in tree view and display individual object information by navigating external transactions.
- Provides a table view with capability to find DN Downstream data by filtering and sorting raw table data.
- Provides a graph view with capability to display DN Downstream data in graphical form and display individual object information by navigating external transactions.

Technical Details

Type	Changed
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`APP ID: F5717`
Application Component	`IS-OIl-PRA` (*Production Revenue Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Maintain DN Downstream Nodes

15.2.1.2.8 Payment Processing Trend Analysis

Business Details

The report `/PRA/PP_RUN_ANALYSIS` has been enhanced for the selection option *Check Detail Out-of-Tolerance* to improve variance analysis and provide more detailed insights.

The following improvements are available:

1. Enhanced ALV Output:
   Three new fields have been added to the output:
   - *Delivery Network Number*
   - *Sale Date From*
   - *Sale Date To*
     These fields provide a more comprehensive view of variance data and help you to analyze out-of-tolerance details more effectively.
2. New Variance Comparison Basis:
   A new option *Monthly Aggregated (Process Sel Basis)* is introduced to support variance comparison based on the current process selection.
3. Improved Run ID Filtering:
   Run IDs are now filtered based on the selected process context, ensuring that only relevant runs are considered during analysis.
4. Run Type Visibility:
   The run type used for calculation is now displayed in the ALV header, providing better transparency in analysis results.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`Report: /PRA/PP_RUN_ANALYSIS`
Application Component	`IS-OIL-PRA` (*Production and Revenue Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Working with Payments

15.2.1.2.9 Non-Sales Volume Handling in Ownership and Revenue

Business Details

PRA has been enhanced to improve the handling of non-sales production volumes within ownership and revenue processes. These enhancements provide greater flexibility in identifying, classifying, valuing, and accounting for non-sales volumes such as vent, flare, plant fuel, and field fuel, helping organizations meet industry-specific reporting and settlement requirements more accurately.

New and Enhanced Features

- **Non-Sales Volume Type Presets:**
  A new transaction, `O3U_NONSLS_VLTYP`, is available to maintain non-sales volume type presets. These presets can be configured and subsequently used within ownership attribute groups, simplifying non-sales volume classification and administration.
- **Ownership Attribute Group Enhancements:**
  The `O3U_OAG` transaction has been enhanced to support the use of non-sales volume presets within ownership attribute groups. This enables more consistent ownership determination and processing of non-sales volumes throughout the PRA solution.
- **Sample Implementation for Non-Sales Processing:**
  SAP provides a new example implementation class, `/PRA/CL_RD_NON_SALES_ALT_OAG`, for the BAdI `/PRA/ES_RD_NON_SALES_ALT`. The sample implementation demonstrates how ownership attribute group data and non-sales volume presets can be used within the methods:
  - `TREAT_AS_NON_SALES_ALT`
  - `IS_OWNER_TO_BE_PAID`

  This example provides a reference framework for customers implementing business-specific non-sales volume processing rules.
- **Flexible Settlement Difference Accounting**
  A new BAdI, `/PRA/ES_RD_NON_SALES_ACCT`, has been introduced to provide flexibility in accounting treatment. The BAdI enables businesses to replace the default account category `0160 (Settlement Differences)` with alternative account category codes according to organizational requirements.
- **Contract Type 55 Support for Production Non-Sales Volumes:**
  In Valuation processing, Contract Type 55 has been extended to support production volume types associated with non-sales activities, including:
  - Vent
  - Flare
  - Other production non-sales volume types
- **ONRR Reporting Enhancements:**
  For Contract Type 55, non-sales volumes are now assigned to the appropriate ONRR product codes based on their classification:

Non-Sales Volume Type	ONRR Product Code
Production Non-Sales (Vent, Flare)	04
CA Non-Sales (Plant Fuel, Field Fuel)	15

This enhancement supports improved regulatory reporting accuracy by ensuring that non-sales production volumes are categorized according to ONRR reporting requirements.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	BAdi: `/PRA/ES_RD_NON_SALES_ALT`, `/PRA/ES_RD_NON_SALES_ACCT`
Application Component	`IS-OIL-PRA-REV-OW` (*Ownership*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.2.10 Non-Sales Additional Disposition Volume Allocation for Division Order Sales

Business Details

The non-sales additional disposition volume allocation for well and well completion in the Division Order Sales (DOS) allocation method has been enhanced. The system now also supports allocation at the standalone measurement point (MP) level for the Division Order Sales allocation method.

- Allocation at measurement point level includes third-party fuel volumes recorded at the measurement level.
- The existing transaction for displaying non-sales additional disposition allocation volumes has been enhanced to show results for standalone measurement points.
- The column Originating MP now displays the standalone measurement point number, while well and well completion fields remain empty for such cases.
- All existing prerequisites and configurations for non-sales additional disposition allocation remain unchanged.

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 FPS02

15.2.1.2.11 Mass Upload for Formula Pricing

Business Details

You can now use the *Mass Upload* functionality to create, update, and delete Pricing Formulas in SAP Production and Revenue Accounting (PRA). This enhancement streamlines pricing formula maintenance by enabling the processing of multiple formulas in a single upload, reducing manual effort and improving data management efficiency.

The following applications have been enhanced to support pricing formula mass upload capabilities:

- PRA Mass Upload transaction (`/PRA/MASS_UPLOAD`)
- *Mass Upload* Fiori application
- *Manage Formula Pricing* Fiori application

You can generate upload templates, maintain pricing formula data offline, and upload the completed files to perform bulk create, modify, or delete operations.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	Mass Upload Program: `/PRA/MASS_UPLOAD`

Application Component	`IS-OIL-PRA-REV-VAL` (*Valuation*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Mass Upload for Pricing Formulas

15.2.1.2.12 ONRR Mass Upload for Suspending Records

Business Details

You can now use the *Mass Upload* functionality to suspend ONRR-2014 PRA Details and ONRR-2014 Report Details records in bulk. This enhancement streamlines the suspension process by enabling users to upload suspension data through a predefined template instead of suspending records individually.

The *Mass Upload* application, available through the *Mass Upload* Fiori tile or transaction `/PRA/MASS_UPLOAD`, has been enhanced to support the following data transactions:

- ONRR Suspend PRA Details
- ONRR Suspend Report Details

With this capability, you can generate upload templates, maintain the required key information, and process the suspension of eligible PRA Details or Report Details records through a single mass upload operation, improving efficiency and reducing manual effort.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	Mass Upload Program: `/PRA/MASS_UPLOAD`
Application Component	`IS-OIL-PRA-REP-MMS` (*MMS Royalty Reporting*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Mass Upload for Suspending Records

15.2.1.2.13 Upload Historical Tax and Royalty Data

Business Details

You can now upload historical tax and royalty data from your legacy systems into SAP using the new Tax and Royalty 2.0 History Uploads. This feature helps you create amended tax and royalty reports for your legacy data.

The History Uploaders use a new Mass Upload Framework that is more reliable and powerful than the previous version.

You can use the Tax and Royalty 2.0 History Uploaders (HU) to upload data for the below reports:

- Alaska Royalty 2.0 Report
- Louisiana Royalty 2.0 Report
- Mississippi Tax 2.0 Report
- Montana Tax & Royalty 2.0 Report
- North Dakota Royalty 2.0 Report
- Oklahoma Royalty 2.0 Report
- Wyoming Royalty 2.0 Report

New Transaction codes and Classes are added to the reports, see the tables below:

Transaction Codes

Report	Transaction Codes
AK Roy	/PRA/MU_TR_HU_AKR
LA Roy	/PRA/MU_TR_HU_LAR
MS Tax	/PRA/MU_TR_HU_MST
MT Roy	/PRA/MU_TR_HU_MTR
MT Tax	/PRA/MU_TR_HU_MTT

Report	Transaction Codes
ND Roy	/PRA/MU_TR_HU_NDR
OK Roy	/PRA/MU_TR_HU_OKR
WY Roy	/PRA/MU_TR_HU_WYR

New Classes are added to the reports:

Classes

Reports	Classes
AK Roy	/PRA/CL_MU_TR_HU_ROY_AK
LA Roy	/PRA/CL_MU_TR_HU_ROY_LA
MS Tax	/PRA/CL_MU_TR_HU_TAX_MS
MT Roy	/PRA/CL_MU_TR_HU_ROY_MT
ND Roy	/PRA/CL_MU_TR_HU_ROY_ND
OK Roy	/PRA/CL_MU_TR_HU_ROY_OK
WY Roy	/PRA/CL_MU_TR_HU_ROY_WY

Implementation Details

Authorizations

Existing Tax & Royalty 2.0 authorizations and business roles can be utilized for these reports.

Customizing

Effects on Existing Data

Existing historical data (HST/HSTA tables) for the same PRA entities will be overwritten if data is re-uploaded for those entities. Report Details (RPDT tables) data is not affected. No impact if uploading historical data that does not yet exist in the system.

Technical Details

Type	New
Functional Localization	Localized for U.S.

Scope Item	5NM
Technical Object Name	`See the table above`
Application Component	`IS-OIL-REP-TAX` (*Tax*) `IS-OIL-REP-ROY` (*Royalty*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.2.14 Legacy Tax & Royalty History Data Migration for Amended Reporting in T&R Process 2.0

Business Details

A new utility has been introduced in the *Tax & Royalty (T&R) Reporting Process 2.0* that enables organizations to load and populate legacy reported Tax and Royalty history data into the Tax and Royalty History tables. This enhancement allows you to perform amended Tax and Royalty reporting for historical data that was originally reported through legacy systems.

1. Supports migration of legacy reporting history into the T&R Process 2.0 framework.
2. Enables amended Tax and Royalty reporting for previously reported historical production and revenue data.
3. Populates the reported legacy data in the T&R History tables so that the subsequent amended reporting can be performed in the new system via the T&R Process 2.0 Workplace.
4. Uses the legacy BAdI `/PRA/BADI_VL_LEGACY_POST_CTRL` to load Tax and Royalty transactional data for legacy PPAs.
5. Leverages the *T&R Process 2.0 Workplace* to generate historical reporting records.
6. Prevents the creation of Journal Entries during the historical data population process, ensuring that financial postings are not impacted.

States supporting the **Tax Reporting** are:

- Texas
- Oklahoma
- Wyoming
- New Mexico
- Kansas
- Louisiana
- North Dakota
- Colorado Conservation
- Mississippi
- Montana
- West Virginia

States supporting the **Royalty Reporting** are:

- Texas GLO
- Texas UT
- Wyoming
- Colorado
- New Mexico
- Louisiana
- Oklahoma
- Montana
- Alaska
- North Dakota

> **Note**
>
> Colorado Severance Tax reporting is not included in this functionality.

New Data objects are added from this release as follows:

Object Type	Object Name
Data Element	`OIUX3_NO_JE`

Class	`/PRA/C_RP_PROCID`
	`/PRA/RP_RUN_HDR`
	`OIUX3_RUN_HDR`

Function Groups	`/PRA/CL_TR_NO_FI_HANDLER`
Programs	`/PRA/R_PROC_TYPE_REPORTING`

Implementation Details

Authorizations

Existing Tax & Roy 2.0 authorizations and business roles can be utilized for these reports.

Customizing

A new checkbox *No JE Ind* is added to existing configuration transaction.

You can access this under SPRO ▶ *Industry Solution Oil & Gas (PRA)* ▶ *Workplace Processing* ▶ *Process Specific Configuration à* ▶ *Tax & Royalty Reporting* ▶ *Enhancements* ▶ *Maintain Reporting Processes*

Effects on Existing Data

This utility is designed to populate historical Tax and Royalty reporting data into the T&R History tables with minimal impact on existing system data. When loading legacy reporting data that does not already exist in the system, no impact is expected. However, if historical data is uploaded for PRA entities that already have

records in the *HST/HSTA history tables*, those existing history records may be overwritten. The utility does not affect data stored in the *Report Details (RPDT) tables*, ensuring that existing report detail records remain unchanged.

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-REP-TAX` (*Tax Reporting*) `IS-OIL-PRA-REP-ROY` (*Royalty Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.2.15 Generate Multiple Taxpayer Reporting Files for New Mexico and North Dakota

Business Details

You can now generate multiple CSV, XML, or EDI reporting files for different taxpayers in a single reporting process using the *Tax & Royalty (T&R) Process 2.0 Workplace*. This enhancement supports scenarios where reporting data must be submitted under different taxpayer identifiers for the same reporting jurisdiction.

1. Generate multiple CSV, XML, or EDI files for different taxpayers from a single reporting process.
2. Maintain overriding taxpayer attributes at the master data level, including:
    - Taxpayer Number
    - OGRID
    - Reporting Company Name
3. Support taxpayer-specific reporting requirements for selected jurisdictions.
4. Leverage existing Tax & Royalty Process 2.0 authorizations and business roles.

To support this capability, new state-specific maintenance transactions have been introduced for managing the overriding taxpayer information for New Mexico Tax and Royalty reporting and North Dakota Tax reporting.

New data objects are added from this release as follows

Object Type	Object Name
Transaction Codes	O3UX8_NM_MASTER
	O3UX8_NM_OTP_DTL (new)
	/PRA/ND_MASTER
	/PRA/ND_OTP_DTL (new)
	O3UY8_NM_MASTER
	O3UY8_NM_OTP_DTL (new)
Tables	/PRA/T8_OR_TP_DT
	/PRA/ND_OR_TP_DT
	OIUY8_NM_OTP_DT
Classes	CL_OIUX8_NM_MASS_UPLOAD
	CL_OIUY8_NM_MASTER_EXTENSION
	CL_OIUY8_NM
Function Groups	OIUX8_NM_OTP_DTL
	/PRA/ND_MASTER
	/PRA/ND_OTP_DTL
	/PRA/ND_UTILITIES
	OIUY8_NM_OTP_DTL
	OIUY8_NM
Programs	ROIUX8_NM_GENERATE_REPORT_XML
	/PRA/RND_ADMIN
	LOIUY8_NMF01

Implementation Details

Authorizations

Existing Tax & Roy 2.0 authorizations and business roles can be utilized for these reports.

Customizing

Effects on Existing Data

There is no impact on existing reporting data. This enhancement is a forward-looking functionality and applies only to Tax or Royalty data processed after the overriding Taxpayer Number, OGRID, or Reporting Company Name has been maintained in the corresponding master data. Previously processed and reported data remains unchanged. New reporting transactions processed after the override information is configured will use the updated taxpayer attributes when generating reporting files.

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-REP-TAX` (*Tax Reporting*) `IS-OIL-PRA-REP-ROY` (*Royalty Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.2.16 PRA Payment Processing Integration and Reconciliation

Business Details

Enhanced payment processing capabilities for Production and Revenue Accounting (PRA) that automate payment request creation and reversal, enable reconciliation between payment and payment request tables, and support electronic bank statement integration for check register updates.

This enhancement introduces three new Fiori applications and automated integration capabilities.

Schedule PRA PP Payment Request Reversal

A new SAP Fiori app, *Schedule PRA PP Payment Request Reversal*, enables users to reverse or undo reversals of PRA Payment Processing (PP) Payment Requests that were previously created for PRA Payments.

Key benefits:

- Schedule background jobs to reverse PRA PP Payment Requests.
- Schedule background jobs to undo payment request reversals.
- Execute processes in both productive and test modes.
- Review detailed logs for validation and audit purposes.

PRA PP Payment Request Reconciliation Report

The new *PRA PP Payment Request Recon Report* helps users identify and resolve inconsistencies between PRA Payment and Payment Request data.

Key benefits:

- Reconcile differences between PRA Payment and Payment Request tables.
- Identify objects in an inconsistent state.
- Launch Payment Request creation, reversal, and undo-reversal processes directly from the report.
- Access all related PRA PP Payment Request logs from a single location.

Electronic Bank Statement (EBS) Integration with PRA Check Register

PRA now supports automated updates to the PRA Check Register when Electronic Bank Statements (EBS) are imported. A new interpretation algorithm, 899: Outgoing Check: Oil & Gas Upstream PRA, can be configured in transaction `0T83` to trigger updates.

Automatically updated fields include:

- Check Status
- Check Status Date
- User
- Change Timestamp

This enhancement improves data accuracy and reduces manual maintenance of check information.

Automated Integration of Payment Processing and Payment Requests

Payment Request management is now tightly integrated with PRA Payment Processing, reducing manual intervention and ensuring synchronization between payment and payment request lifecycle.

Automation includes:

- Automatic creation of Payment Requests when PRA Payments are finalized.
- Automatic reversal of Payment Requests when PRA Payments are voided through the Check Inquiry process.
- Automatic undo reversal of Payment Requests when PRA Payments are un-voided through the Check Inquiry process.
- Automatic reversal of Payment Requests when PRA Payments are voided through the stale-dated void process.

Implementation Details

Customizing

To enable Electronic Bank Statement integration with PRA check register updates, configure the new Interpretation Algorithm "899: Outgoing Check: Oil & Gas Upstream PRA" in transaction OT83 customizing. Additional configuration may be required for the automated payment request creation and reversal integration.

Effects on Existing Data

This feature updates existing PRA check register data (`/PRA/PP_CHK_HDR table`) when bank statements are imported. The automated integration will affect the lifecycle of existing PRA payment requests when payments are finalized, voided, or un-voided.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`Not applicable`
Application Component	`IS-OIL-PRA-REV` (*Revenue*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Schedule PRA PP Payment Request Creation
Schedule PRA PP Payment Request Reversal
PRA PP Payment Request Reconciliation Report

15.2.1.2.17 Ownership Legal Description Mass Upload

Business Details

With this feature, you can now efficiently maintain Ownership Legal Descriptions and Base DOI comments in bulk, reducing manual effort and improving data maintenance for Ownership master data. This enhancement

streamlines the process of updating large volumes of legal description information across Division of Interest (DOI) records.

The following PRA ownership transactions have been enhanced to support mass upload capabilities for Ownership Legal Descriptions and Base DOI comments:

- Mass Upload Program: `/PRA/MASS_UPLOAD`
- Base DOI Transactions: `O3U_DI1`, `O3U_DI2`, `O3U_DI9`
- Collective DOI Transaction: `/PRA/COLLECTIVE_DOI`

A new *Upload* button is available on the initial selection screens of the Base DOI and Collective DOI transactions. This button launches the mass upload framework, where a new DOI Legal Description option has been added to the upload transaction drop-down list. This enables you to upload Ownership Legal Descriptions and related DOI comments in a single, streamlined process.

Technical Details

Type	New
Functional Localization	Localized for U.S.
Scope Item	5NM
Technical Object Name	`Mass Upload Program: /PRA/MASS_UPLOAD`
Application Component	`IS-OIL-PRA` (*Production Revenue Accounting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Ownership Legal Description Mass Upload

15.2.1.2.18 Texas P-18 Regulatory Reporting

Business Details

With this feature, you can now generate *Texas P-18 Regulatory Report* through the *Regulatory Reporting Workplace* (`/PRA/REG_WORKPLACE`).

This enhancement enables operators to report the monthly quantities of water and oil or condensate received and skimmed at a Salt Water Disposal (SWD) Facility or SWD Well in the state of Texas, USA.

Implementation Details

Report Generation:

A new regulatory reporting process ID, `RG_TX_P18`, is available in the *Regulatory Reporting Workplace* transaction (`/PRA/REG_WORKPLACE`).

Authorizations

The Texas P-18 reporting solution leverages existing *Regulatory Reporting Workplace* authorizations and business roles.

Additionally, the new Fiori applications are controlled by the following authorization settings:

Fiori Application	Authorization Object	Field
Regulatory Reporting Facility	`O_OIU_TXN`	`OIU_TCODE = 'F9471'`
State-Delivered ID to Transporters	`O_OIU_TXN`	`OIU_TCODE = 'F9472'`

Customizing

To generate Texas P-18 reports correctly, product codes and volume types must be mapped to the corresponding P-18 reporting columns and dispositions.

You can access using *SPRO* > *Industry Solution Oil & Gas (PRA)* > *Workplace Processing* > *Process Specific Configuration* > *Production Regulatory Reporting* > *Texas* > *P18 Report* > *Mapping Product Code/Volume Type to Reporting Column/Disposition*

Master Data Enhancements

The reporting master data model has been enhanced to support Texas P-18 reporting requirements.

Reporting Well Completion (WC) Master Data

- New field: *UIC Number*

Texas Reporting WC Master Data

The following new fields are available:

- *SWD Facility ID*
- *Water Receiving/Injection MP*
- *Skim Oil MP*
- *Source WCs*

Technical Details

Type	New

Functional Localization	Localized for Texas, U.S.
Scope Item	5NM
Technical Object Name	P-18 Regulatory Report : `RG_TX_P18`
Application Component	`IS-OIL-PRA-REP-REG` (*Regulatory Reporting*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.2.1.2.19 SAP Production and Revenue Accounting, AI-Assisted Ownership Insights

Business Details

Joule for Owner Details is now enabled for `IS-OIL-PRA` component from SAP S/4HANA OP 2025 FPS02 release.

The Joule capability enables natural-language retrieval of owner information, financial balances, Division of Interest (DOI) details, check records, and ownership transfer history. This capability is designed to help you quickly find and act on ownership data across multiple scenarios.

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 FPS02

Related Information

SAP Production and Revenue Accounting, AI-Assisted Ownership Insights

15.2.1.2.20 SAP Production and Revenue Accounting(PRA), AI-Assisted Gas Plant Statement Processing

Business Details

The *SAP Document AI* is now integrated with the below apps:

- *Manage Gas Plant Statements* : This service is used to automatically read and populate data from the uploaded statement documents. You also use this app to upload, process, and post gas plant statements from various operators.
- *Manage Gas Plant Operator Information* : Create and maintain the cross-reference between your organization's data and the data provided by gas plant operators.

The primary function of this app is to map the following:

- A gas plant operator's meter number to a PRA (Production and Revenue Accounting) measurement point number.
- A gas plant operator's contract to a PRA contract.
- A gas plant operator's product to a PRA product (Products Xref).
- Additional dispositions data to the corresponding PRA records (Additional Dispositions Xref).
- Marketing cost entries to the corresponding PRA marketing cost records (Marketing Cost Xref).

> **Note**
>
> The cross-reference data enables the *Manage Gas Plant Statements* to accurately match data from uploaded operator statements to the corresponding PRA master records, ensuring correct processing and posting of statement 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 FPS02

Related Information

SAP Production and Revenue Accounting(PRA), AI-Assisted Gas Plant Statement Processing

15.2.1.3 Downstream

15.2.1.3.1 Manage Exchange Agreement

Business Details

With this feature, you can create, edit, and manage exchange agreements for borrowing and loan transactions. The app supports efficient agreement handling, including creation by reference, partner management, contract navigation, and controlled deletion with validation checks.

You can use this app to:

- Create new exchange agreements by specifying exchange type and partner
- Create agreements by reference to reuse existing data and reduce manual effort
- Edit agreement details such as partner references, notice periods, and review dates
- Maintain agreement texts in multiple languages
- Search and filter exchange agreements using various criteria
- Navigate to related sales and purchase contract item details
- Delete exchange agreements with validation checks to prevent deletion if active transactions exist
- Copy and export agreement data for external use
- Personalize views using filters, table settings, and display options

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	`App ID: F9369`
Application Component	`IS-OIL-DS-EXG` (*Downstream*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Exchange Agreements

15.2.1.3.2 Analyze Exchange Balances

Business Details

With this feature, you can analyze and monitor exchange movement balances across products, partners, and exchange types with enhanced filtering and hierarchical navigation capabilities.

You can use the app to do the following:

- You can filter exchange balances using multiple selection criteria, including Exchange Number, Exchange Partner Number, Exchange Type, Base Product, Sub Product, and Plant.
- You can view both aggregated and detailed quantities for lifts, receipts, and balances, and expand nodes to access underlying data.
- You can display additional details, such as Exchange Movement Document Number, Material Document Year, Item Number, Posting Date, and Base Unit of Measure, using the Show Details option.
- You can analyze exchange movements for different exchange types, such as Borrow/Loan (B/L), Buy/Sell (B/S), and Terminaling.
- You can track quantities in the relevant base unit of measure depending on the product.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`App ID: F9368`

Application Component	`IS-OIL-DS-EXG` (*Exchanges*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Analyze Exchange Balances

15.2.1.3.3 Analyze Exchange Abstract

Business Details

With this feature, you can now analyze exchange agreements and monitor exchange price variations with enhanced filtering, navigation, and update capabilities.

You use the app to do the following:

- You can search and filter exchange agreements using the Smart Filter Bar based on attributes such as Exchange Agreement Number, Document, Exchange Partner Number, Material, and Exchange Status.
- You can monitor fee status changes through system-generated indicators (No Change, Increased, Decreased, No Fees) .
- You can sort, group, and organize exchange price variation data by different attributes and adjust column settings.
- You can navigate to detailed exchange price variation information to review fee conditions and verify data.
- You can update fee conditions for one or multiple condition types directly using the Update Fees, with system confirmation upon successful update.
- You can export selected data entries by copying line items to the clipboard for use in external applications.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`App ID: F9373`

Application Component	`IS-OIL-DS-EXG` (*Exchanges*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Analyze Exchange Abstract

15.2.1.3.4 Display Exchange Movements

Business Details

With this feature, you can now monitor and analyze exchange movement balances across products, plants, and exchange partners with enhanced filtering and analytical capabilities.

Using the app, you can do the following:

- You can filter exchange movement data using multiple criteria, including Exchange Number, Exchange Partner, Exchange Type, Base Product, Sub Product, and Plant.
- You can view exchange movement balances in a structured table, enabling quick access to relevant transaction details.
- You can analyze exchange activity across key business dimensions such as product, plant, exchange partner, and period.
- You can use a predefined *Standard View Variant* optimized for common exchange movement monitoring.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`App ID: F9375`
Application Component	`IS-OIL-DS-EXG` (*Exchanges*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS02

Related Information

Display Exchange Movements

15.2.1.3.5 Logical Inventory Adjustment

Business Details

With this feature, you can create, manage, and post Logical Inventory Adjustment (LIA) documents for exchange transactions with enhanced processing, balance management, and navigation capabilities.

You can use this app to do the following:

- You can create negotiated payment LIA documents with receivable and payable line items, including company code, exchange number, purchasing organization, plant, and payment amount details.
- You can create balance adjustment LIA documents for receipt and delivery transactions, with automatic generation of accounting documents.
- You can monitor and access related accounting documents, including navigation to journal entries and detailed analysis applications.
- You can clear balances for specific exchange numbers and move balances between exchange numbers with system-generated line items.
- You can search, filter, sort, and group LIA documents using attributes such as document status, document date, and exchange partner.
- You can cancel previously posted LIA documents while maintaining traceability and optionally providing additional reference information.
- You can export LIA data, copy selected entries, and adapt filters to customize views.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`App ID: F9374`
Application Component	`IS-OIL-DS-EXG` (*Exchanges*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Logical Inventory Adjustment

15.2.1.3.6 Exchange Netting

Business Details

With this feature, you can create, manage, and process exchange netting documents with enhanced capabilities for financial reconciliation between exchange partners.

You can use this app to do the following:

- You can search and filter exchange netting documents using criteria such as Exchange Netting Type to locate relevant entries.
- You can create exchange netting documents by maintaining header data, including netting type, exchange partner, organizational attributes, currency, and period range.
- You can update existing netting documents using the Recalculate function to reflect current data without creating a new document.
- You can edit netting documents and modify attributes such as the period range, with system confirmation upon saving changes.
- You can delete exchange netting documents that are no longer required, with confirmation before permanent removal.
- You can create batch input sessions for selected netting documents to enable efficient processing of multiple transactions.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`App ID: F9372`

Application Component	`IS-OIL-DS-EXG` (*Exchanges*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Exchange Netting

15.2.1.3.7 Ticketing Workbench

Business Details

With this feature, you can now manage and create ticket items for material nominations with enhanced capabilities for processing scheduled nominations and generating ticket proposals.

You can use the app to do the following:

- You can search and filter ticket items using the filter bar to locate relevant materials and transactions.
- You can create tickets from scheduled nominations by retrieving nomination data based on scheduled dates.
- You can review and adjust ticket proposals, including updating actual quantities and verifying nomination details.
- You can process ticket creation and track system-generated ticket keys and confirmation messages.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`App ID: F9370`
Application Component	`IS-OIL-DS-TSW` (*Ticketing Workbench*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Ticketing Workbench

15.2.1.3.8 Multiple Address Business Partner Support in TSW Nominations

Business Details

To support Business Partners with multiple addresses, a new field `CONPAT_ADRNR` has been added to key Nomination RFCs and Function Modules. This enhancement enables consumers of the APIs to specify and process the appropriate Business Partner address during nomination creation and maintenance, improving address accuracy and integration flexibility.

The following interfaces have been enhanced with the new field `CONPAT_ADRNR`:

RFC Enhancements:

RFC	Description
RFC_TSW_NOM_CREATEFROMDATA	Create TSW Nomination
RFC_TSW_NOM_CHANGEFROMDATA	Change TSW Nomination

Function Module Enhancement:

Function Module	Description
OIJ_IF_NOM_MAINTAIN	Change TSW Nomination

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`CONPAT_ADRNR`
Application Component	`IS-OIL-DS` (*Downstream*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS02

Related Information

Multiple Address Business Partner in TSW Nominations

15.2.2 Utilities

15.2.2.1 IS-U Data Archiving for Connection Objects, Device Locations, and Devices

Business Details

Archiving objects `PM_IFLOT` and `PM_EQUI` have been enhanced to enable archiving capabilities for IS-U-specific connection objects, device locations, and devices. Use this to efficiently archive utility-specific data while maintaining data integrity and reducing database size for IS-U equipment that has never been installed.

The following archiving objects have been enhanced:

- `PM_IFLOT` (Function Locations)
  - You can now archive IS-U specific connection object and device location data, such as `EHAUISU` and `EGPLTX`
- `PM_EQUI` (Equipment)
  - You can now archive IS-U specific device data, such as `EGERH` and `ETDZ`

> **Note**
>
> IS-U equipment can only be archived if it has never been installed.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	`PM_IFLOT` `PM_EQUI`
Application Component	`PM` (Plant Maintenance)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Archiving Connection Objects (IS-U-MD)
Archiving Device Locations (IS-U-MD)
Archiving Devices (IS-U-DM)

15.2.2.2 CDS Views for the Utilities Industry

Business Details

With this release, additional CDS views have been created and released for data extraction in S/4HANA Utilities.

The following table provides an overview of the new CDS views for meter reading documents:

CDS View	Technical Name	Purpose	More Information
Utilities Quantity Determination Status	`I_UtilsQtyDeterminationStatus`	Provides supported values for UtilsQtyDetermination-Status.	Utilities Quantity Determination Status
Utilities Validation for Meter Reading Category	`I_MtrRdngValidationCategory`	Provides supported values for UtilsMtrRdngValdtnCategory.	Utilities Validation for Meter Reading Category

The following table provides an overview of the new CDS views for energy settlement master data and service provider:

CDS View	Technical Name	Purpose	More Information
Utilities Grid	`I_UtilitiesGrid`	Retrieves data for the utilities grid.	Utilities Grid
Utilities Grid Level Type	`I_UtilitiesGridLevelType`	Retrieves data for the utilities grid level type.	Utilities Grid Level Type

CDS View	Technical Name	Purpose	More Information
Utilities Settlement Unit	`I_UtilitiesSettlementUnit`	Retrieves data for the utilities settlement unit.	Utilities Settlement Unit
Utilities Settlement Unit Historical Data	`I_UtilitiesSettlementUntHist`	Retrieves data for the utilities settlement unit historical data.	Utilities Settlement Unit Historical Data
Utilities Allocation of PoD to Grid	`I_UtilsAllocOfPoDToGrid`	Retrieves data for the utilities allocation of PoD to grid.	Utilities Allocation of PoD to Grid
Allocation of Utilities Settlement Unit to PoD	`I_UtilsAllocOfSettlmtUntToPoD`	Retrieves data for the utilities allocation of settlement unit to PoD.	Utilities Allocation of Settlement Unit to PoD
Reason for Allocating of Settlement Unit	`I_UtilsAllocRsnOfSettlmtUnt`	Retrieves data for the reason for allocating the settlement unit.	Utilities Reason for Allocating Settlement Unit
Usage of Service Category Distribution	`I_UtilsDistrServiceCatUsage`	Retrieves data for the usage of service category distribution.	Utilities Usage of Service Category Distribution
Utilities Settlement Unit Category	`I_UtilsSettlementUnitCat`	Retrieves data for the utilities settlement unit category.	Utilities Settlement Unit Category
Area for Utilities Settlement Unit	`I_UtilsSettlementUnitView`	Retrieves data for the area for utilities settlement unit.	Utilities Area for Settlement Unit
Usage of Service Category Settlement Coordination	`I_UtilsSettlmtCoordtnCatUsge`	Retrieves data for the usage of service category settlement coordination.	Utilities Usage of Service Category Settlement Coordination
Utilities Settlement Unit Generation Type	`I_UtilsSettlmtUntGnrtnTyp`	Retrieves data for the utilities settlement unit generation type.	Utilities Settlement Unit Generation Type
Usage of Service Category Supply	`I_UtilsSupplyServiceCatUsage`	Retrieves data for the usage of service category supply.	Utilities Usage of Service Category Supply
Allocation of Grid to PoD	`I_UtilsAllocationOfGridToPoD`	Retrieves data for the allocation of grid to PoD.	Utilities Allocation of Grid to PoD
Allocation of PoD to Settlement	`I_UtilsAllocOfPoDToSettlmtUnit`	Retrieves data for the allocation of PoD to settlement.	Utilities Allocation of PoD to Settlement

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	See the table above
Application Component	`IS-U-DM-MR` (*Meter Reading*) `IS-U-EDM` (*Energy Data Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Virtual Data Model and CDS Views in SAP S/4HANA
CDS Views for Utilities

15.2.2.3 New Measurement Concept Management Component in S/4HANA Utilities for Ticket Processing

Business Description

A new application component, IS-U-MD-MCM (Measurement Concept Management), is now available in SAP S/4HANA Utilities.

This component is dedicated to the processing of incidents and service requests related to Measurement Concept Management. To ensure efficient handling and improved transparency, create all new cases for this new component.

The relevant existing cases have been updated accordingly. This helps ensure that cases are created correctly in the future.

For cases related to SAP S/4HANA Utilities master data updates option for Germany, the existing application component IS-U-LIB-DE-MDU remains valid and continues to be used with the US4G-MCM tag.

This supports efficient routing of cases.

Technical Details

Type	Deprecated

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`IS-U-MD-MCM` (*Measurement Concept Management (MCM)*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2026

15.2.2.4 New Process for Storage and Grid Actor Creation

Business Description

SAP S/4HANA Utilities now provides dedicated processes for the creation of Storage and Grid actors within the Measurement Concept Management Adapter. The new processes are optional and follow the same four-step structure, allowing customers to integrate their own custom logic for actor creation, change, or termination through the customer extension step.

During the customer extension step, you can pass the internal actor identifier into the internal_actor_id field, which is then updated in the `/APEU/INST_ACTOR` database table.

You can now configure actor creation to run in Event 3 and Event 23, allowing actors to be created before device installation. This is required when market partners request the IDs of the technical location, commercial location, and technical resource prior to device installation. With this feature, you can create a Storage or Grid actor at Event 3, then enrich its attributes as the process progresses through Event 23 and beyond. This makes the technical location, commercial location, and technical resource IDs available before device installation, so you can provide them as soon as a market partner requests them.

To configure the new processes, *SAP Utilities* > *Master Data* > *Measurement Concept Management Adapter* > *Basic MCM Configuration and Mapping* > *Define MCM Process Configuration for [IS-U]*.

> **Note**
>
> The existing processes for Consumer and Producer actor creation remain unchanged.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	IS-U-MD-MCM (**Measurement Concept Management (MCM)**)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2026

15.2.2.5 Market Process Management: BAdIs for Custom Filters in Document Monitoring

Business Details

We're introducing new Business Add-Ins (BAdIs) or methods to read business data during initial processing of process documents, messages, and transfer documents. This allows you to add custom, business-specific filter criteria to the according monitoring applications using Key User Extensibility.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI name: • `/APE/BADI_PDOC_ENHANCEMENT` • `/APE/BADI_BO_INTG_ENHANCEMENT` App ID: • `F5808A` • `F5809A` • `F7708A`
Application Component	`CA-GTF-APE` (*Application Process Engine*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

App Extensibility: Monitor Process Documents (Key User)
App Extensibility: Monitor Transfer Documents or Monitor Messages (Key User)

15.2.2.6 Market Process Management: Display Common Access Reference in BPEM Cases

Business Details

Only relevant if you are using Business Process Exception Management (BPEM) for handling market process exceptions, instead of the built-in exception documents. We've added the *Common Access Reference* and *Exception Code* fields to the default BPEM clarification case SAP Fiori app *Manage Clarification Cases*. Add these fields to your filters or to the list to see the relationship between processes and exceptions.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F7256
Application Component	CA-GTF-APE (*Application Process Engine*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Optional: Enabling BPEM for Exception Handling

15.2.2.7 SAP Waste & Recycling

15.2.2.7.1 Manage Weighbridge Operations

Business Details

This app enables you to create, manage, and complete weighing transactions. It supports the end-to-end processing of internal, external, inbound and outbound weighbridge transactions, including weight capture, validation of business data, follow on documents and complete or reverse weighbridge transactions.

You can use this app to do the following:

- Create new multi weighing transactions for Internal/External and Delivery/Outbound.
- Maintain business information such as customer, sales contract, sales contract item, waste generator, waste transporter, vehicle, and driver details.
- Record gross, tare, and net weights during the weighing process.
- Edit draft and active weighbridge operations.
- View or create output requests for completed weighbridge operations via print and email.
- Reverse open/completed weighbridge operations when business corrections are required.
- Generate relevant follow-on documents upon completion of a weighbridge operation.
- Navigate between the list report and object page to review transaction details.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F9398`
Application Component	`IS-U-WA` (*Waste and Recycling*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Manage Weighbridge Operations

15.2.2.7.2 AI-Assisted Waste and Recycling Contract Creation

Business Details

This feature enhances the Sales Contract creation process by leveraging Machine Learning (ML) to recommend the most appropriate waste material based on historical contract data and user-maintained business characteristics.

The solution leverages *SAP Intelligent Scenario Lifecycle Management (ISLM)* and the predefined intelligent scenario `EEWA_ML_PREDICTWASTE` to analyze maintained contract characteristics and generate waste material recommendations with prediction confidence scores. During contract creation, you receive the top three recommended waste materials, helping them make faster and more consistent decisions while retaining full control over the final selection.

Features

- Configure and maintain business characteristics used for machine learning training.
- Train, activate, retrain, and manage prediction models using SAP ISLM.
- Predict waste materials based on historical Sales Contract data and maintained characteristics.
- Display the top three recommended waste materials with confidence scores.
- Allow users to accept a recommendation or manually select a different material.
- Support continuous model improvement through retraining with updated business data.

> **Note**
>
> Waste material predictions are recommendations only. Users remain responsible for selecting the final waste material before saving the Sales Contract.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`IS-U-WA` (*Waste and Recycling*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

AI-Assisted Waste and Recycling Contract Creation
Intelligent Scenario Lifecycle Management

15.2.2.7.3 Deletion Control of Confirmed Waste Disposal Order Items

Business Details

With this feature, you can override the standard deletion settings maintained in BS22 for waste disposal orders. With this enhancement, the deletion of Waste Disposal Order Items (WDOIs) can be controlled according to individual customer requirements rather than relying solely on the default system settings.

Before a service frequency is terminated, the system alerts the user if confirmed or rejected Waste Disposal Order Items exist and clearly explains how the termination may affect those items.

Features

- Provides greater flexibility by allowing you to define own deletion rules for Waste Disposal Order Items.
- Helps prevent accidental deletion of Waste Disposal Order Items that are relevant for business processes.
- Improves transparency by informing you about the consequences of terminating a service frequency when confirmed Waste Disposal Order Items exist.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`IS-U-WA` (*Waste and Recycling*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Deletion Control of Confirmed Waste Disposal Order Items

15.3 Financial Services

15.3.1 Banking

15.3.1.1 Loans Management (FS-CML)

15.3.1.1.1 OData API: Loans Management Contract Adhoc Charge

Business Details

With this OData service, you can create, update, and read loans management contract adhoc charge.

The service contains loans management contract adhoc charge, open items, and other flows nodes. The data to create, update, or read is sent in the request as a payload. All information is used to create, update, or read the loans management contract adhoc charge, including appropriate checks for restricted values and authorizations. Loans management contract adhoc charge data is sent in the response if the create, update, or read is successful. If there are any issues during create, update, or read, the system displays error messages in the response.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_LNSMGMCONTRADHOCCHARGE`
Application Component	`FS-CML` (*Loans Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid As Of	2025 FPS02

Related Information

Loans Management Contract Adhoc Charge

15.3.1.1.2 OData API: Loans Management Contract Disbursement

Business Details

With this OData service, you can create, update, and read loans management contract disbursement.

The service contains loans management contract disbursement, withheld open items, withheld planned payments, drawings, and other flows nodes. The data to create, update, or read is sent in the request as a payload. All information is used to create, update, or read the loans management contract disbursement, including appropriate checks for restricted values and authorizations. Loans management contract disbursement data is sent in the response if the create, update, or read is successful. If there are any issues during create, update, or read, the system displays error messages in the response.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_LOANSMGMTCONTRDISBURSEMENT`
Application Component	`FS-CML` (*Loans Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid As Of	2025 FPS02

Related Information

Loans Management Contract Disbursement

15.3.1.1.3 OData API: Loans Management Contract Payoff

Business Details

With this OData service, you can create, update, and read loans management contract payoff.

The service contains loans management contract payoff, open items, and other flows nodes. The data to create, update, or read is sent in the request as a payload. All information is used to create, update, or read the loans management contract payoff, including appropriate checks for restricted values and authorizations. Loans management contract payoff data is sent in the response if the create, update, or read is successful. If there are any issues during create, update, or read, the system displays error messages in the response.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_LNSMGMCONTRACTPAYOFF`
Application Component	`FS-CML` (*Loans Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid As Of	2025 FPS02

Related Information

Loans Management Contract Payoff

15.3.1.1.4 OData API: Loans Management Contract Waiver

Business Details

With this OData service, you can create, update, and read loans management contract waiver.

The service contains loans management contract waiver and open items nodes. The data to create, update, or read is sent in the request as a payload. All information is used to create, update, or read the loans management contract waiver, including appropriate checks for restricted values and authorizations. Loans management contract waiver data is sent in the response if the create, update, or read is successful. If there are any issues during create, update, or read, the system displays error messages in the response.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_LOANSMGMTCONTRACTWAIVER`
Application Component	`FS-CML` (*Loans Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid As Of	2025 FPS02

Related Information

Loans Management Contract Waiver

15.3.1.1.5 OData API: Loans Management Contract Writeoff

Business Details

With this OData service, you can create, update, and read loans management contract writeoff.

The service contains loans management contract writeoff and open items nodes. The data to create, update, or read is sent in the request as a payload. All information is used to create, update, or read the loans

management contract writeoff, including appropriate checks for restricted values and authorizations. Loans management contract writeoff data is sent in the response if the create, update, or read is successful. If there are any issues during create, update, or read, the system displays error messages in the response.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_LOANSMGMTCONTRACTWRITEOFF`
Application Component	`FS-CML` (*Loans Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid As Of	2025 FPS02

Related Information

Loans Management Contract Writeoff

15.3.1.1.6 OData API: Loans Management Contract Interest On Arrears

Business Details

With this OData service, you can create, update, and read loans management contract interest on arrears.

The service contains loans management contract interest on arrears, calculation, original document, and posting nodes. The data to create, update, or read is sent in the request as a payload. All information is used to create, update, or read the loans management contract interest on arrears, including appropriate checks for restricted values and authorizations. Loans management contract interest on arrears data is sent in the response if the create, update, or read is successful. If there are any issues during create, update, or read, the system displays error messages in the response.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_LOANSMGMTCONTRINTRSTONARRS`
Application Component	`FS-CML` (*Loans Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid As Of	2025 FPS02

Related Information

Loans Management Contract Interest On Arrears

15.3.1.1.7 OData API: Loans Management Contract Borrower Change

Business Details

With this OData service, you can create, update, and read loans management contract borrower change.

The service contains loans management contract borrower change, withheld open items, and other flows nodes. The data to create, update, or read is sent in the request as a payload. All information is used to create, update, or read the loans management contract borrower change, including appropriate checks for restricted values and authorizations. Loans management contract borrower change data is sent in the response if the create, update, or read is successful. If there are any issues during create, update, or read, the system displays error messages in the response.

Technical Details

Type	New

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_LNSMGMCONBORROWERCHANGE`
Application Component	`FS-CML` (*Loans Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid As Of	2025 FPS02

Related Information

Loans Management Contract Borrower Change

15.3.1.1.8 OData API: Loans Management Contract Capitalization

Business Details

With this OData service, you can create, update, and read loans management contract capitalization.

The service contains loans management contract capitalization, open items, planned items, and other flows nodes. The data to create, update, or read is sent in the request as a payload. All information is used to create, update, or read the loans management contract capitalization, including appropriate checks for restricted values and authorizations. Loans management contract capitalization data is sent in the response if the create, update, or read is successful. If there are any issues during create, update, or read, the system displays error messages in the response.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	API: `API_LNSMGMCONTRCAPITALIZATION`
Application Component	`FS-CML` (*Loans Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid As Of	2025 FPS02

Related Information

Loans Management Contract Capitalization

15.3.1.1.9 OData API: Loans Management Contract Deferral

Business Details

With this OData service, you can create, update, and read loans management contract deferral.

The service contains loans management contract deferral, open items, planned items, installments, and other flows nodes. The data to create, update, or read is sent in the request as a payload. All information is used to create, update, or read the loans management contract deferral, including appropriate checks for restricted values and authorizations. Loans management contract deferral data is sent in the response if the create, update, or read is successful. If there are any issues during create, update, or read, the system displays error messages in the response.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_LOANSMGMTCONTRDEFERRAL`
Application Component	`FS-CML` (*Loans Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid As Of	2025 FPS02

Related Information

Loans Management Contract Deferral

15.3.1.1.10 Business Event: Loans Management Contract Events

Business Details

The Loans Management Contract business object informs a remote system about created and changed loans management contract.

A loans management contract is a contract between a lender and one or more borrowers, which is based on the borrower's request for taking a loan and consists of, among others, the loan type, borrower(s), and general terms and conditions.

The following events are available for loans management contract:

- Loans management contract created
- Loans management contract changed

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Business Event: `LoansManagementContract`
Application Component	`FS-CML` (*Loans Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid As Of	2025 FPS02

Related Information

Loans Management Contract Events

15.3.1.1.11 CDS Views for SAP Loans Management for Banking

New Core Data Services (CDS) views for SAP Loans Management for Banking have now been released.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Business Event: `LoansManagementContract`
Application Component	`FS-CML` (*Loans Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid As Of	2025 FPS02

Additional Details

The following CDS views are now available:

- Relationship agent details of Loan
- Loan Activity Type
- Loan Application Function
- Loan BP Dunning Letter Type
- Loan Business Partner Object Code
- Loan Business Operation Category
- Loan Borrower Change Reason
- Loan Borrowers Note Posting Type
- Loan Borrower Change Interest Cert Code
- Business operation data for loans
- Reason for loan capitalization

- Reason for loan capitalization
- Loan Cardinality Category
- Loan Condition Prepayment Rounding Type
- Condition Item for Loan Contract
- Alternative condition item
- LoanContr Acceptance Reservation Type
- Actual Document Header for Loan Contract
- Actual Document Item for Loan Contract
- Loan Master data with Business Partner details
- Business Partner relationship data for loan contract
- Change Pointer for Loan Contract
- Conditon Header for Loan Contract
- Loan Contract IBAN Determination Type
- Planned Items for Loan Contract
- Loan Contract Release Type
- Loan Credit Agreement Classification
- Post processing reason for loan deferral
- Loan Deferral Reason
- Loan Discount Distribution Method
- Loan Discount Withholding Type
- Loan Economic Activity Type
- Loan Effective Interest Method
- Loan Fin Mathematics Connection Type
- Loan Home Statement Type
- Loan Incoming Payment Generation Type
- Loan Interest Calculation Method
- Loan Intrst On Arrears Calc Profile
- Loan Offer Acceptance Type
- Loan Origin Type
- Reason for rejection
- Loan Payoff Repayment Change Type
- Loan Pos Grouping Open Loan Commitment
- Loan Position Grouping
- Loan Processing Characteristics
- Loan Processing Characteristics Status
- Loan Processing Characteristics Value
- Calculate Interest on Arrears
- ID for a Loan Reorganization Record
- Loan Repayment Frequency
- Loan Repayment Type
- Loan Residential Financing Type
- Loan Special Interest Type

You can look at all released CDS views and their fields in detail by using the View Browser app.

Related Information

View Browser
CDS Views for Loans Management (FS-CML)

15.3.1.1.12 Parallel Processing for Calculation of Interest on Arrears

Business Details

This program calculates interest on arrears (IOA) for overdue receivables in contract accounts receivable and payable using parallel processing with asynchronous RFCs. It is the parallelized execution variant of the standard interest on arrears calculation.

It is intended to improve performance when calculating interest on arrears for a large number of contract accounts and open items by distributing the workload across multiple work processes. The functional logic is identical to the non-parallelized interest on arrears calculation; only the technical execution differs.

The report is typically used in period-end processing or mass interest calculation runs where high document volumes would otherwise result in long runtimes.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Report: `RFVD_IOA_CALC_MULT_PARALLEL`
Application Component	`FS-CML` (*Loans Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid As Of	2025 FPS02

Related Information

Parallel Processing: Calculation of Interest on Arrears

15.3.1.1.13 Report for Account Assignment Reference Evaluation

Business Details

The report *Account Assignment Reference Evaluation* can be used to understand, test, and validate how the system assigns G/L accounts to loan contracts without triggering any actual postings.

The report mirrors the exact determination logic used during live loan processing, making results directly comparable to real system behavior.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Report: `RFVD_ACCTASSGMTREF_EVAL`
Application Component	`FS-CML` (*Loans Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid As Of	2025 FPS02

Related Information

Account Assignment Reference Evaluation

15.3.1.1.14 Effective Capital Calculation for Loans Taken with Capitalized Interests

Business Details

By implementing the note 3765034, for loans taken, if customer accounts are used (value 3 **`Actual records in subledger, FI posting with customer`** is set under *FI Posting* in the Customizing activity *Company Code-Dependent Settings for Product Type*), the effective capital is calculated in the same way as for loans given with customer accounts.

This enhancement eliminates the need for manual adjustments (using the soft modification with SAP note 1302526) and ensures uniform handling of effective capital across all loan scenarios.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Function Module: `LOAN_AMOUNT_CALCULATE`
Application Component	`FS-CML` (*Loans Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid As Of	2025 FPS02

Related Information

Capital Amounts

15.3.1.2 Collateral Management (FS-CMS)

15.3.1.2.1 OData API: Collateral Agreement

Business Details

With this OData service, you can create, update, and read collateral agreements.

The service contains collateral agreement, portion, portion calculation, relationship, relationship calculation, receivable, receivable calculation, termination cost, document, partner, special arrangement, rules, charge, and charge calculation. The data to create, update, or read is sent in the request as a payload. All information is used to create, update, or read the collateral agreement, including appropriate checks for restricted values and authorizations. Collateral agreement data is sent in the response if the create, update, or read is successful. If there are any issues during create, update, or read, the system displays error messages in the response.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_COLLATERALAGREEMENT`
Application Component	`FS-CMS` (*Collateral Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Collateral Agreement

15.3.1.2.2 OData API: Collateral Receivable

Business Details

With this OData service, you can create, update, and read collateral receivable.

The service contains collateral receivable, business partner and position details. The data to create, update, or read is sent in the request as a payload. All information is used to create, update, or read the collateral receivable, including appropriate checks for restricted values and authorizations. Collateral receivable data is sent in the response if the create, update, or read is successful. If there are any issues during create, update, or read, the system displays error messages in the response.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_COLLATERALRECEIVABLE`
Application Component	`FS-CMS` (*Collateral Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Collateral Receivable

15.3.1.2.3 OData API: Collateral Claim and Patent Right

Business Details

With this OData service, you can create, update, and read collateral claim and patent right.

The service contains collateral claim and patent right, additional patent, financed object, insurance, insurance document, insurance partner, document, partner, and valuation. The data to create, update, or read is sent in

the request as a payload. All information is used to create, update, or read the collateral claim and patent right, including appropriate checks for restricted values and authorizations. Collateral claim and patent right data is sent in the response if the create, update, or read is successful. If there are any issues during create, update, or read, the system displays error messages in the response.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_COLLTRLCLAIMANDPATENTRIGHT`
Application Component	`FS-CMS` (*Collateral Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Collateral Claim and Patent Right

15.3.1.2.4 OData API: Collateral Securities Account

Business Details

With this OData service, you can create, update, and read collateral securities account.

The service contains collateral securities account, partner, position, document, financed object, asset, and position asset. The data to create, update, or read is sent in the request as a payload. All information is used to create, update, or read the collateral securities account, including appropriate checks for restricted values and authorizations. Collateral securities account data is sent in the response if the create, update, or read is successful. If there are any issues during create, update, or read, the system displays error messages in the response.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_COLLTRLSECURITIESACCOUNT`
Application Component	`FS-CMS` (*Collateral Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Collateral Securities Account

15.3.1.2.5 OData API: Collateral Ship

Business Details

With this OData service, you can create, update, and read collateral ship.

The service contains collateral ship, asset, asset partner, asset financed object, asset document, insurance, insurance partner, insurance document, and valuation. The data to create, update, or read is sent in the request as a payload. All information is used to create, update, or read the collateral ship, including appropriate checks for restricted values and authorizations. Collateral ship data is sent in the response if the create, update, or read is successful. If there are any issues during create, update, or read, the system displays error messages in the response.

Technical Details

Type	New
Functional Localization	No localization

Scope Item	Not applicable
Technical Object Name	API: `API_COLLATERALSHIP`
Application Component	`FS-CMS` (*Collateral Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Collateral Ship

15.3.1.2.6 OData API: Collateral Insurance

Business Details

With this OData service, you can create, update, and read collateral insurance.

The service contains collateral insurance, asset, document, partner, valuation, financed object, and person specification. The data to create, update, or read is sent in the request as a payload. All information is used to create, update, or read the collateral insurance, including appropriate checks for restricted values and authorizations. Collateral insurance data is sent in the response if the create, update, or read is successful. If there are any issues during create, update, or read, the system displays error messages in the response.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	API: `API_COLLATERALINSURANCE`
Application Component	`FS-CMS` (*Collateral Management*)

Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Collateral Insurance

15.3.1.2.7 Business Event: Collateral Agreement Events

Business Details

The Collateral Agreement Event informs a remote system about created and changed collateral agreement.

A collateral agreement is an agreement between a collateral giver and a lender, wherein the collateral giver issues a guarantee or assigns, transfers, or pledges a collateral object in security interests for collateralizing a collateral financing contract risk.

The following events are available for collateral agreement:

Collateral agreement created

Collateral agreement changed

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Business Event: `CollateralAgreement`
Application Component	`FS-CMS` (*Collateral Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Collateral Agreement Events

15.3.1.2.8 Business Event: Collateral Real Estate Events

Business Details

The Collateral Real Estate Event informs a remote system about created and changed collateral real estate.

A collateral real estate is a land or building construction that has some value attached to it and that can be used as collateral. There can be various real estate types such as an apartment, row house, shopping center, hotel, etc. Real estate objects are created and maintained for each real estate type.

The following events are available for collateral real estate:

Collateral real estate created

Collateral real estate changed

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Business Event: `CollateralRealEstate`
Application Component	`FS-CMS` (*Collateral Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Collateral Real Estate Events

15.3.1.2.9 Business Event: Collateral Receivable Events

Business Details

The Collateral Receivable Event informs a remote system about created and changed collateral receivable.

A collateral receivable is a type of asset (accounts receivable) that has been designated as security for a loan. It refers to a credit commitment for which the repayment is guaranteed by a collateral agreement, for example, loans or overdrafts. Receivable can be collateralized by assigning them to collateral agreements.

The following events are available for collateral receivable:

Collateral receivable created

Collateral receivable changed

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Business Event: `CollateralReceivable`
Application Component	`FS-CMS` (*Collateral Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Collateral Receivable Events

15.3.1.2.10 Business Event: Collateral Claim and Patent Right Events

Business Details

The Collateral Claim and Patent Right Event informs a remote system about created and changed collateral claim and patent right.

A collateral claim and patent right is a legally valid right of income from a claim or patent that can be used as collateral. There can be various types of claims and patents such as rental contract claim, leasing contract claim, film copyright patent, etc. Right objects are created and maintained for each of the claim or patent type.

The following events are available for collateral claim and patent right:

Collateral claim and patent right created

Collateral claim and patent right changed

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Business Event: `CollateralClaimAndPatentRight`
Application Component	`FS-CMS` (*Collateral Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Collateral Claim and Patent Right Events

15.3.1.2.11 Business Event: Collateral Securities Account Events

Business Details

The Collateral Securities Account Event informs a remote system about created and changed collateral securities account.

A collateral securities account is a financial trading instrument that can be used as collateral, such as bonds, shares, securities with fixed interest, and investment and mortgage certificates. A securities account is held in a credit institution to maintain and manage the securities positions belonging to one or more business partners. The securities positions assume different values as a result of trading (purchase and sale).

The following events are available for collateral securities account:

Collateral securities account created

Collateral securities account changed

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Business Event: `CollateralSecuritiesAccount`
Application Component	`FS-CMS` (*Collateral Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Collateral Securities Account Events

15.3.1.2.12 Business Event: Collateral Ship Events

Business Details

The Collateral Ship Event informs a remote system about created and changed collateral ship.

A collateral ship is a maritime carrier that has monetary value attached to it and that can be used as collateral. There can be various ship types such as passenger, cargo, container, cruise, etc. Ship objects are created and maintained for each ship type.

The following events are available for collateral ship:

Collateral ship created

Collateral ship changed

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Business Event: `CollateralShip`
Application Component	`FS-CMS` (*Collateral Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Collateral Ship Events

15.3.1.2.13 Business Event: Collateral Insurance Events

Business Details

The Collateral Insurance Event informs a remote system about created and changed collateral insurance.

A collateral insurance is an insurance policy that has monetary value attached to it and that can be used as collateral. There can be various insurance types such as life insurance, property insurance, pension insurance, etc. Insurance objects are created and maintained for each insurance type.

The following events are available for collateral insurance:

Collateral insurance created

Collateral insurance changed

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Business Event: `CollateralInsurance`
Application Component	`FS-CMS` (*Collateral Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Collateral Insurance Events

15.3.1.2.14 New CDS Views for SAP Collateral Management

New Core Data Services (CDS) views for SAP Collateral Management for Banking have now been released.

Technical Details

Type	New
Functional Localization	Not applicable

Scope Item	Not applicable
Application Component	`FS-CMS` (*Collateral Management*)
Availability As Of	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid As Of	2025 FPS02

Additional Details

The following CDS views are now available:

- Agreement Minimum Qualitative Criteria
- Accessory Details for Collateral RE Part (ColltrlREPartAccessory)
- Agreement Product Set
- Collateral Receivable Details
- Collateral Receivable Business Partner
- Agreement Rbl Component Type
- Movable
- Agreement Land Charge Enforcement Type
- Agreement Guarantee Authorities Approval
- Collateral Agreement
- Collateral Agreement Termination Cost
- Agrmt Special Arrangement Procg Status
- Collateral Asset Liquidation Type
- Collateral Movable details
- Collateral Asset Details
- Collateral Object Insurance Details
- Accessory Details for Collateral RE Part (ColltrlREPartAccessoryMaster)
- Collateral Asset Lending Rate Type
- Collateral Sec Acc Position Details
- Agreement Frequency Unit
- Collateral claim patent and right
- Collateral Real Estate Object Details (CollateralRealEstate)
- Rights
- Agreement Cost Type
- Collateral Securities Account Asset Type
- Collateral Ship Details
- Agreement Transfer Lessor Lien
- Agreement Termination Notice Frequency
- Agreement Receivable Portion
- Agreement Special Arrangement Type

- Collateral Agreement Relationship
- Collateral Asset Business Partner
- Agreement Relationship Type
- Collateral Object: Others
- Collateral Agreement Special Arrangement
- Collateral Sec Acc Partner Details
- Colltrl Intl Scrts Identification Number
- Collateral Asset Verification Frequency
- Part Details for Collateral Real Estate (ColltrlREPartMaster)
- Collateral Agreement Portion Rules
- Collateral Security Account Details
- Collateral Real Estate Object Details (CollateralRealEstateMaster)
- Collateral Agreement Category
- Collateral Scrts Acc Document Details
- Collateral Bank Area
- Agreement Minimum Qualitative Exception
- Collateral Asset Document Details
- Colltrl RE Renewable Energy Usage Type
- Ship
- Colltrl Intl Securities Idn Number Price
- Agreement HBR Enforcement Waiver
- Collateral Asset Valuation Frequency
- Collateral Agreement Portion
- Collateral Charge
- Agreement Land Charge Enforcement Title
- Agrmt Special Arrangement Legal Status
- Collateral Agreement Partner
- Collateral Reference System
- Insurance
- Collateral Ship Class
- Agreement Portion Blocking Type
- Collateral Insurance Link Data
- Collateral Agreement Receivable Link
- Collateral Asset Type
- Collateral Agreement Document
- GBC Lien on Agreement
- Agreement Portion Blocking Reason
- Collateral Partner Function Category
- Agreement Portion Receivable Type
- Part Details for Collateral Real Estate (CollateralRealEstatePart)
- Agreement Termination Right Type
- Collateral Asset Category

- Agreement Portion Assignment Role
- Agreement Type

You can see all the released CDS views and their fields in detail using the View Browser app.

Related Information

View Browser
CDS Views for Collateral Management (FS-CMS)

15.3.1.2.15 Deprecated CDS Views in Collateral Management

Here, you can find the CDS views that were deprecated in this release. You cannot create new content based on deprecated CDS views (for example, creating a new custom analytical query based on a deprecated SAP cube view). We recommend that you switch to the successor CDS views as soon as possible.

Technical Details

Type	Deprecated
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`FS-CMS` (*Collateral Management*)
Valid as Of	2025 FPS02

Additional Details

The following CDS views have been deprecated:

- Agreement Rule Details
- Agreement Frequency Unit – Text
- Object Asset Verification Frequency
- Agreement Rbl Component Type
- Agreement Portion Receivable Type
- Movable Object Master Data
- Agreement Cost Type – Text

- Object Reference System ID - Text
- Collateral Agreement Details
- Object Asset Liquidation Type – Text
- Agreement Termination Right Type
- Agreement Special Arrangement Details
- Object Reference System ID
- Agreement Minimum Qualitative Exp – Text
- Agreement Frequency Unit
- Object Insurance Link Data
- Object Asset Details
- Object Asset Valuation Frequency - Text
- Ship Class - Text
- Agrmt Special Arrangement Legal Status
- Agreement Portion Receivable Type - Text
- Agreement Minimum Qualitative Criteria
- Securities Account Object Details
- Agreement Rule Product Set - Text
- Agreement Termination Right Type - Text
- Agreement Termination Notice Frequency
- Agreement HBR Enforcement Waiver - Text
- Agreement Business Partner Relationship
- GBC Lien on Agreement - Text
- Agrmt Land Chrg Enforcement Type - Text
- Ship Object Details
- Rights Object Master Data
- Object Asset Category
- Agreement Receivable Portion - Text
- Agreement Receivable Link Details
- Agreement Portion Assignment Role - Text
- Agrmt Land Chrg Enforcement Title - Text
- Agreement Relationship Type
- Rights Object Details
- Agreement Cost Type
- Object Asset Category - Text
- Securities Account Partner Details
- Object Asset Verification Freq - Text
- Agreement Minimum Qualitative Exception
- Receivable Details
- Object Asset Document Details
- Object Asset Valuation Frequency
- Agreement Rbl Component Type - Text
- Asset Collateral Agreement Relationship

- Agreement HBR Enforcement Waiver
- Agrmt Spcl Arrangement Procg Sts - Text
- Agrmt Land Chrg Enforcement Title
- Agreement Portion Blocking Reason
- Agreement Transfer Lessor Lien - Text
- Agreement Type
- Agreement Receivable Portion
- Agrmt Spcl Arrangement Legal Sts - Text
- Agreement Minimum Qualitative Crt – Text
- Agreement Portion Blocking Reason - Text
- Agreement Portion Details
- Securities Account Object Master Data
- GBC Lien on Agreement
- Securities Account Position Details
- Agreement Portion Blocking Type – Text
- Agreement Termination and Cost Details
- Securities Account Asset Type
- Agreement Portion Blocking Type
- Agreement Termination Notice Freq - Text
- Asset Type
- Object Asset Liquidation Type
- Agrmt Land Chrg Enforcement Type
- Agreement Special Arrangement Type
- Agreement Relationship Type - Text
- Agrmt Guarantee Auth Approval - Text
- Agreement Relationship Details
- Agreement Type - Text
- Agreement Portion Assignment Role
- Agrmt Special Arrangement Procg Status
- Securities Account Position Master Data
- Agreement Guarantee Authorities Approval
- Agreement Rule Product Set
- Asset Type - Text
- Movable Object Details
- Object Asset Business Partner Details
- Agreement Transfer Lessor Lien
- Agreement Special Arrangement Type – Text
- Ship Class

Related Information

CDS Views for Collateral Management (FS-CMS)

15.3.2 Insurance

15.3.2.1 Policy Management

15.3.2.1.1 Deactivation of Add-On for Group Insurance

Business Details

In the standard system, the Policy Management, Add-on for Group Insurance has been deactivated. The Add-on for Group Insurance provides optional features that require a separate license. To use the Group Insurance features, you have to activate them. For the activation, insert the customer variant for group insurance features into the Policy Based technology (PBT).

Implementation Details

To activate Policy Management, Add-on for Group Insurance, perform the following steps:

1. Choose transaction `/PM0/3FW_START`.
2. Choose the application `00001` for Policy Management (FS-PM).
3. Insert the customer variant `PMG` to the ALV grid by entereing a previous customer variant, for example `PM0`.
4. Adapt the additional customer variants to display the new entry in the correct sequence.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Transaction `/PM0/3FW_START`
Application Component	`FS-PMBT_GI` (*Group Insurance*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Related Information

Group Insurance

15.3.2.1.2 BAdI: Deactivate Derivation for Main Due Date in Sample Application

Business Details

With this feature, you can decide which value the system is to use when displaying the *Main Due Date* field in the sample application. If you set the field `LF_SKIP` to `TRUE` with the *BAdI: Deactivate Derivation for Main Due Date in Sample Application*, the standard logic of merging the values from the In-Force Business Configurator is ignored and the original value taken from the sample application is retained.

> **Note**
>
> This BAdI is available as of:
>
> - 1809 SPS16
> - 1909 SPS14
> - 2020 SPS12
> - 2021 SPS10
> - 2022 SPS08
> - 2023 SPS06
> - 2025 FPS02

Implementation Details

Customizing

To use this feature, you must create a Badl implementation for *BAdI: Deactivate Derivation for Main Due Date in Sample Application*. You can find the *BAdI: Deactivate Derivation for Main Due Date in Sample Application* in Customizing for Policy Management under *In-Force Business Management* > *Basis* > *Sample Application Management*.

In addition, the existing *BAdI: Initialization of Fields in Sample XML* was moved to the following place: *In-Force Business Management* > *Basis* > *Sample Application Management*. Before, it was available in Customizing for Policy Management under *General Settings* > *Number Ranges* > *Business Add-Ins (BAdIs)*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI `/PM0/ABP_SWITCHOFF_DERIVE_FE` Customizing activity `/PM0/ABP_SWITCHOFF_D`
Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Configuration

15.3.2.1.3 BAdI: Checks Before Deletion of Interval Distribution

Business Details

With this feature, you can implement your own checks before the deletion of an interval distribution and prevent the deletion if the interval distribution is in use.

> **Note**
>
> This BAdI is available as of:
>
> - 2023 SPS06
> - 2025 FPS02

Implementation Details

Customizing

To use this feature, you must create a BadI implementation for *BAdI: Checks Before Deletion of Interval Distribution*. You can find the *BAdI: Checks Before Deletion of Interval Distribution* in Customizing for Policy Management under *In-Force Business Management* > *Basis* > *Mass Activity* > *Business Add-Ins (BAdIs)*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI `/PM0/FPP_UI_INT_DEL_VAL_BADI` Customizing activity `/PM0/FPP_UI_INT_DEL`
Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.3.2.1.4 BAdI: Rescheduling of Reversed BTS Dates

Business Details

With this feature, you can reschedule reversed BTS dates in connection with retroactive changes.

For more information, see SAP Note 3690800 (*Reimplementation of Business Transactions*).

> **Note**
>
> This BAdI is available as of:
>
> - 2023 SPS06
> - 2025 FPS02

Implementation Details

Customizing

You can find the *BAdI: Rescheduling of Reversed BTS Dates* in Customizing for Policy Management under *In-Force Business Management* > *Basis* > *Business Transactions, Actions, and Process Steps* > *Business Add-Ins (BAdIs)*.

The BAdI contains the following inactive BAdI implementation delivered by SAP: `/PM0/ABP_REPL_BTS_AFTER_BADI`. The BAdI implementation ensures that if the effective date is the same, the BTS date is scheduled again so that it is executed during positioning on the effective date and not only when the application is released.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI `/PM0/ABP_REPLAN_CANC_BTS_BADI` Customizing activity `/PM0/ABP_REPLAN_CANC`
Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.3.2.1.5 Broker Change

Business Details

With this feature, you can define whether a broker assignment is required for a particular collection type. If the broker assignment is not necessary, the corresponding checks and automatic derivation are not performed.

The BAdI is available for broker transfers initiated by Incentive and Sales Force Management (ICM). Only the collection category *Company Collection* is supported by this BAdI.

> **Note**
>
> This BAdI is available as of:
>
> - 2020 SPS12

- 2021 SPS10
- 2022 SPS08
- 2023 SPS06
- 2025 FPS02

Implementation Details

Customizing

To use this feature, you must create a BadI implementation for *BAdI: Check Whether Broker Assignment Is Necessary*. You can find the *BAdI: Check Whether Broker Assignment Is Necessary* in Customizing for Policy Management under *Integration* > *Collections/Disbursements FS-CD* > *Business Add-Ins (BAdIs)*.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI `/PM0/ABT_COLLTYPE_WITHBROKER` Customizing activity `/PM0/ABT_COLLTYPE_WB`
Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Configuration

15.3.2.1.6 Custom Field Addition Accelerator

Business Details

The *Field Addition Accelerator* tool has been enhanced with the option of an Excel upload. With the Excel upload, you can add multiple fields at once with minimal effort.

The procedure consists of two steps. You can first download a standard Excel template file which contains a header only. You can then fill in the technical details of the fields and upload this file to the system.

Implementation Details

The field addition via Excel upload function only supports the CSV file format.

The downloaded Excel template contains all the required fields from the DDIC and PBT structure, and once you upload the Excel file with its field data, the values of other related fields will be derived or determined internally.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Report `/PM0/3ET_ENTITY_EXTENSION` Transaction `/PM0/3ET_ENT_EXT`
Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.3.2.1.7 Mass Activity Summarize and Transfer Non Cash Flow Items

Business Details

With this feature, you can use dynamic interval distribution to define work packages in the mass activity *Summarize and Transfer Non Cash Flow Items* (transaction: `/PM0/ABY_FPP_NCC`). For this, the new parallel processing object `/PM0/CL_ABY_FPP_POLNR_DYN_NC` is available in the mass activity.

For more information, see 3701899

> **Note**
>
> This feature is available as of:
>
> - 2023 SPS06
> - 2025 FPS02

Implementation Details

Customizing

As of SAP S/4HANA 2025 FPS2, depending on the settings in the Customizing activity *Define Data Access Strategy for Non Cash Flow Documents*, dynamic interval distribution selects values from database table *Non Cash Flow Document with Item Data* (`/PM0/ABDNNCALL`), which enables you to store header and item data in one table, or from from database table (`/PM0/ABDNNOCASH`).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Parallel processing object `/PM0/CL_ABY_FPP_POLNR_DYN_NC`
Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS02

Related Information

Accounting Component

15.3.2.1.8 OData API: Insurance Policy (Version 3.2.0)

Business Details

The RESTful API *Insurance Policy* has been enhanced and is now available in version 3.2.0. The following enhancements are available:

- The *Read* policy service now also supports planned processing activities.
- The update and delete operation has been enabled for coinsurance processing in the *New Business* business process. You can execute the *Process Coinsurance* (P_B_S_COINS_AMD) business transaction in the *New Business* business process.
- You can create a reset application for the *Reset* business process. You can execute the following business transactions in the *Reset* business process:
  - Execute Corrected Policy Issuance (POLICYISSU)
  - Reset Business Process (BIZPRRESET)
  - Perform Reinstatement After Reversal (REINSTCNCL)
  - Reactivate Contract Version (REACTIVATE)
  - Reverse Unscheduled Dates (CANCELDATE)
  - Reset Product Change (CNCLPROCHG)
  - Reset Sales Product Change (CNCLPOLCHG)
- You can resume and update the application processing in a corrected policy issuance application
- You can shift the policy, contract or coverage start date in a corrected policy issuance application

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 `API_INSURANCEPOLICYSERVICE_3` (*Insurance Policy*) Entities Abstract Entities
Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Insurance Policy (Version 3.2.0)

15.3.2.1.9 CDS Views for Providing the Planned Processing Activities

Business Details

Policy Management now provides Core Data Services (CDS) views that you can use to access the planned processing activities 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 planned processing activities of a policy. You can then use the composite views to build consumption views, for example.

Implementation Details

Effects on Existing Data

The following CDS views are deprecated:

- `I_InsurPlcyPlndDteProcessingTP`
- `R_InsurPlcyPlndDteProcessingTP`
- `I_InsurPlcyPlndProcgActivity`
- `I_InsurPlcyPlndDateProcessing`
- `A_InsurPlcyPlndDteProcessing`

We recommend that you switch to the listed successor CDS views.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Basic View:
	`I_InsurPlcyTmeModFuncBasic`
	Field Exposure: Expose All Fields
	Private Composite Views:
	`P_InPlBusTransacDteLoadJrnlGrp`
	`P_InPlCorrespncDateLoadJrnlGrp`
	`P_InsurPlcyCorrespncDteTblFunc`
	`P_InsurPlcyExternalDateTblFunc`
	Field Exposure: Expose All Fields
	Interface Views:
	`I_InsurancePolicyDate`
	`I_InPlBusTransacDateVersion`
	`I_InsurPlcyCorrespncDteVersion`
	`I_InsurPlcyExternalDateVersion`
	`I_InsurPlcyPlndDteProcessing_2`
	`I_InsurPlcyPlndProcgActivity_2`
	`I_InsurPlcyPlndDteProcgTP_2`
	Restricted Reuse View:
	`R_InsurPlcyPlndDteProcgTP_2`
	Field Exposure: Expose All Fields
	External API View:
	`A_InsurPlcyPlndDteProcessing_2`
	Field Exposure: Expose All Fields; Projection on R_Insur-PlcyPlndDteProcgTP_2

Application Component	`FS-PM` (*Policy Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.3.2.2 Claims Management

15.3.2.2.1 OData API: Insurance Claim Header

Business Details

With this service, you can create a new claim header, update an existing claim header, and perform close and open actions on a claim. You can also search for specific claim records and retrieve detailed claim header information.

This API is available on SAP Business Accelerator Hub (https://api.sap.com/)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_INS_ClaimServices`
Application Component	`FS-CM` (*Claims Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Insurance Claim Header

15.3.2.2.2 OData API: Insurance Claim Subclaim

Business Details

With this service, you can create and update a subclaim, and perform close and open actions on a subclaim. You can also search for specific subclaim records and retrieve detailed subclaim information.

This API is available on SAP Business Accelerator Hub (https://api.sap.com/)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_INS_Subclaim`
Application Component	`FS-CM` (*Claims Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Insurance Claim Subclaim

15.3.2.2.3 OData API: Insurance Claim Payment

Business Details

With this service, you can do the following:

- Create and update a payment, including associated items for a claim and related subclaims
- Create all related objects together
- Create and update payment items independently
- Search for specific payment records and retrieve detailed payment data

This API is available on SAP Business Accelerator Hub (https://api.sap.com/)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	`API_INS_ClaimPayment`
Application Component	`FS-CM` (*Claims Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Insurance Claim Payment

15.3.2.2.4 OData API: Insurance Claim Note

Business Details

With this service, you can create and update a note. You can create a new claim note, update an existing claim note, and change the status of a note.

This API is available on SAP Business Accelerator Hub (https://api.sap.com/)

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`API_INS_ClaimNote`
Application Component	`FS-CM` (*Claims Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Insurance Claim Note

15.3.2.2.5 Settling Claim Item Grouping

Business Details

With this feature, you can settle grouped claim items by assigning participants at claim item grouping level. You can process multiple related claim items, such as hospital charges, together as a single unit. Also, you can assign service providers or payees directly to the grouping and enable simple payment processing while maintaining API reusability through a sequential execution pattern.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-CM` (*Claims Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

Related Information

Settling Claim Item Grouping [page 898]

15.3.2.2.6 Asynchronous Business Warehouse Extractor

Business Details

With this feature you can process collective invoices more efficiently in the Operational Data Provisioning (ODP) framework by enabling asynchronous Business Warehouse (BW) supply.

You can choose a suitable data format for storage in `ICL_BW_CHANGELOG`, and implement customer-specific conversion routines if needed. Set the Asynchronous Supply of Business Warehouse indicatior in the maintenance view `ICL_85_BW_ASYNC` and select a data format in which it should be stored in table `ICL_BW_CHANGELOG`.

Test fields in `RICL_BW_POST_DELTA_QUEUE` support validation, but are not required in production.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`FS-CM` (*Claims Management*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

15.3.2.2.7 Generic Infotype Mapping

Business Details

With this feature, you can extend the interface between Claims Management (FS-CM) and Human Capital Management (HCM) using a generic infotype approach.

The interface between FS-CM and HCM supports both standard infotypes and their enhancement. It is designed to be flexible and extensible, allowing the integration of additional infotypes beyond those delivered in the standard. As a result, it is not limited to standard infotypes alone.

Implementation Details

Customizing

In addition to the existing configuration for infotype mapping, a new customising activity is now available.

You can enable generic infotype mapping under *Claims Management* > *Netherlands* > *Gross/Net Calculation* > *Map FS-CM Data to HCM Data* > *Generic Infotype Mapping*

In this activity, you can define additional infotypes and assign the corresponding database tables. The system considers these configured infotypes during the dynamic selection of infotypes in the replication process.

Technical Details

Type	New
Functional Localization	Localized for the Netherlands
Scope Item	Generic Infotype Integration
Technical Object Name	`Not applicable`
Application Component	`FS-CM-LC` (*Claims Management Localization*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

15.3.2.2.8 Fiori App: Structured Facts Capture (SFC)

Business Details

With this service, you can create, maintain, version, and activate Structured Facts Capture (SFC) questionnaires. You can use the app to manage questionnaire flows, including the creation of questions, answers, nodes, branching logic, and questionnaire versions.

Implementation Details

Before accessing the application, ensure the following:

- You have a valid SAP user account.
- You have the required authorization.
- You have access to SAP Fiori Launchpad.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Not applicable
Application Component	`FS-CM` (*Claims Management*)
Availability	SAP S4/HANA and SAP S4/HANA Private Cloud Edition
Valid as Of	2025 FPS02

Related Information

Structured Facts Capture (SFC)

15.3.2.2.9 Income Relationship: Details (Infotype 3449)

Business Details

In this infotype, you store information about end dates of income relationships in the wage return, for the insurance companies. You have the option to select one of the following special tax regulations:

- Wage Type
  In this field, you select the wage type to which the income relationship is assigned.
- End Date IR
  In this field, you specify the end date of the income relationship.
- Assignment Number
  In this field, you specify the assignment number of your choice. It is often a policy number.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`FS-CM-LC` (*Financial Services Localization*)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition

15.3.2.3 msg.PMQ

15.3.2.3.1 Metrics for Content Modeling

Business Details

This feature allows you to define, measure, and report on metrics for content modeling. It includes a default set of predefined elementary metrics. Two new headless commands can be used to retrieve (CollectContentMetricsData) and export (ExportMetricsDataCSV) the metric data.

An example of metrics has been added to the PMQ.Designer release. This includes the content archives MotorInsurance_Measurement_1.qar, MotorInsurance_Measurement_2.qar, MotorInsurance_Measurement_3.qar as well as a measurement configuration MetricMeasurementConfigSample.pmmmc.

Using Configuration Files Stored Externally

Starting with this release, it is possible to use a configuration file for metric measurements that is located externally (outside a workspace).

The difference between an external workspace path and an Eclipse workspace path is determined by the new **-external** parameter, which can be optionally specified with the headless command **CollectContentMetricsData**.

Reporting of Content Data Metrics

The reporting framework available from this release allows exported CSV data to be formatted appropriately and displayed in aggregated form in Excel tables (Excel reports). As part of the metrics example in PMQ.Designer, the command-line tool **pmq_metrics_reporter** is provided to run the reports.

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 FPS02

15.3.2.3.2 Extension of the Open Action for Adjustment Levels

Business Details

This feature allows you to open the adjustment levels using the following options on the **Time Control** tab of the Properties view:

- **Open** action in the context menu,
- Open Button on the toolbar,
- Key F3.

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 FPS02

15.3.2.3.3 Improvements to Logging for Bulk Execution of Headless Commands

Business Details

With this feature, the headless command **RunBulkCommand** now supports the new parameter **-showCompleteCommands**. When enabled, this parameter displays detailed output for all individual

commands executed, including their full parameters, on the console. This makes it easier to track and debug workflows.

Additionally, the log output indicating which command is being executed in the bulk now includes a corresponding percentage of the overall progress.

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 FPS02

15.3.2.3.4 Improvements to Test Results, Test Structures and Test Instances

Business Details

The following improvements have been made for display in the PMQ.Designer test environment:

- The editor for test case results now displays not only the attribute values but also the original attribute values from the test structure in the list view and the detail views of the instances (name of the new column: Original Value).
- In the editors for test structures, test results, and profiles, the maximum number of expansion levels has been increased to 9.
- The editors for test structures, test results, and profiles have been added with actions to fully expand and collapse the tree (**Expand all** / **Collapse all**) and an action to expand selected subtrees (**Expand Tree**).
- In the test case editor, it is now possible to move multiple test instructions at once.

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 FPS02

15.3.2.3.5 POTATO: Extension for Language-Dependent Names and Labels of Reverse Relations

Business Details

This feature adds the missing columns (Reverse Label/Reverse Description) for export and import, so that names and labels for reverse relations can now be imported in full. This change applies to the COMPLETE and LOCALIZATION output profiles.

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 FPS02

15.3.2.3.6 Detail Improvements

Business Details

The following features describe detail improvements:

PMQ.Designer

- When changing or removing a template, the last option used is now remembered in the corresponding wizards. When the wizard is reopened, these options are then preset.
- • The headless commands **ImportExistingContentProject** and **ImportContentArchive** now check all markers in the entire workspace at the end, just like all other headless commands.

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 FPS02

15.3.2.3.7 Error Corrections and Usability Improvements

Business Details

With this release, smaller issues has been fixed and the usability has been improved.

- PMQ.Designer
  - Integration of PMQ.Java Runtime 2509 Patch 1: The return value of a base formula of a function was not written to the result cache when the function result was cached. This has been fixed.
  - Despite PM ID support being disabled in the project, there were two actions for creating aggregated modules (in the standard editor and in the comparison editor) that still created a PM ID on the object. POTATO imports that created aggregated modules were also affected. The problem has been fixed.
  - When updating product data and adjusting the automatic naming of relations, the relations that had already inherited the automatic naming were modified. This resulted in redundant overwrites. The issue has been resolved for product module and product module type relations

- Paths to user-defined icons for product module types may not have been set correctly when assigning icon files from libraries. This has been fixed
- When saving a test result as a test structure, the processing options for the new test structure are now set to the same values as those in the executed test case
- The contents of multidimensional values are no longer truncated when copied and can therefore be reused in their entirety in Excel. However, Excel's own constraints regarding permissible cell contents and their length still apply
- When copying table references, the qualified name is now included, so it can be pasted back into the comparison editor from Excel without any issues. When copying enumeration values - similar to the table behavior - the raw value is copied, exactly as it appears in the cell editor. These values can also be pasted directly from Excel. Multidimensional values cannot be modified in the comparison editor, not even via copy and paste. A previous feature that allowed editing of inherited multidimensional values was a bug and has been fixed
- After overwriting a comment, it is no longer necessary to switch back to the type comment view. The comment field can now be edited directly.
- The entry of multidimensional values in wizards for creating validation rules has been fixed
- When debugging test cases, the process console - which was usually empty - was set as the active console every time the debugger paused. Now, the currently open console is retained. In addition, the test execution console (M10 console) now activates automatically if a non-PMQ console is active during a test run. This behavior can be disabled if necessary using the Java VM parameter: -Dde.msg.pm.platform.debug.calculationConsoleIsGreedy=false
- The formula and include editors now also display a tooltip for the deprecated M10 keywords error and exception
- Previously, the column filter in the Product Navigator used the string representations of the values, which are also used for display in the view. For multidimensional values, these string representations are truncated after 10 values or 500 characters. As a result, the required entries could not be fully restricted by the filter expression in the column filter dialog. Now, the column filter in the Product Navigator uses the complete string representation of all values, allowing the filter expression to be used without constraints in the column filter dialog
- The headless command SearchAndDelete now attempts to delete items up to three times if any items from the search results remain after the initial deletion. The command then displays a message indicating that not all items could be deleted and lists the remaining items in the output console
- The generation of includes from enumerations has been fixed for the data types String (M10 escaping), Decimal (M10 suffix m) and Date (M10 suffix d)

- POTATO
  - POTATO was frozen during export under certain data constellations. This has been fixed.
  - In cases where the POTATO export language differed from the Excel tool-specific localization, incorrect date formatting could occur in Excel cells. Now, when saving date values to individual cells, the Excel tool-specific localization is always used.
- PMQ.Deployment
  - When deploying functions for the C runtime, errors relating to duplicate entries in the file database (entry XY already contained in file database) could occur. This has been fixed. The functionality of the C runtime compilations was not affected by these errors.
  - The generation of stub classes for executing user exits with type-safe or generic interfaces has been fixed.
  - The performance of deployments with many projects and libraries has been improved.

- When generating type-safe or generic Java interfaces for structure instances, the generated Java instance classes for the structure instances could no longer be compiled.

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 FPS02

15.4 Public Services

15.4.1 Defense & Security

15.4.1.1 Offline Data Transfer for Disconnected Operations

Business Details

With this feature, you can transfer business data between SAP systems and disconnected field environments using offline data packages. Data can be downloaded from a source system, transferred via an external data carrier, and uploaded to a target system for processing, enabling business operations in environments with limited or no network connectivity.

The feature includes capabilities for offline data transfer, monitoring, and recovery of failed or incomplete processing jobs. Integrated security checks and activity logging help improve reliability and traceability of offline data synchronization processes.

Implementation Details

The feature provides dedicated transactions for downloading offline data packages (`DFS_DIS_OFFLN_DL`), uploading and processing packages (`DFS_DIS_OFFLN_UP`), and monitoring offline processing jobs (`DFS_DIS_OFFLN_MONI`).

To prepare offline data packages, subscriptions must be active and approved for offline use.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	`IS-DFS-BIT-DIS` (*Distributed System Landscape*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.4.1.2 Centralized Material Pooling and Resource Planning for Defense Operations

With these features, you can centrally manage scarce military resources through material pools and controlled cross-organizational sharing. The feature provides applications and reports for material authorization, demand publication, inventory monitoring, shortage analysis, planning synchronization, and readiness-driven stock planning, supporting the allocation, monitoring, and utilization of limited resources across organizational boundaries.

The following applications and reports are available:

- `Manage Authorized Materials` (App ID: F9443) enables the assignment and lifecycle management of Flexible Material Planning Object (FMPO) assignments for Force Elements to operations.
- `Create FMPO by Upload` (Report: `DFS_FMPO_UPLOAD`) enables mass creation of FMPO master data including variants and accompanying parts (ACP) from microsoft excel files.
- `Publish Demand of Force Elements to Logistics` (Report:`DFS_RE_WL_PROCESS`) publishes Force Element demand and creates the corresponding logistics demand documents.
- `Display Worklist` (Report:`DFS_RE_WL_DISPLAY`) provides visibility into control center worklist entries and access to related application logs.
- `Locate Material at Troops` (Report:`DFS_RE_MATERIAL_SHORTAGE`) helps planners identify material availability across troops, supplier locations, reservations, deliveries, and stock positions.
- `Define Pool Locations` (Transaction: `DFS_POOLLOC`, Program: `SAPLDFS_LP_CUST`) enables the definition of pool locations for materials and external material groups. These locations are considered when searching for available stock within location chains for pooled materials.
- `Material Control Center` (App ID: F9444) enables material controllers to review and resolve supply alerts, analyze supplier availability, and create stock transfers or planned orders.

- `Stock Control Center` (App ID: F9445) enables dispatchers and order managers to monitor target-stock fulfillment for high readiness militia, ground material, and army pharmacy materials, including stock shortages and overstock situations.
- `Extended Product View` (App ID: F9446) provides a display-only product analysis view that uses the same Material Requirement Planning (MRP) element logic as the material control center and stock control center.
- `Update Safety Stock` (Report:`DFS_RE_HIGH_AVAIL_TROOP`) updates safety stock levels based on Force Element material planning assignments.
- `Update Product Switch for Stock` (Report:`DFS_RE_PS_UPDATE_PS_STOCK`) updates product-switch stock elements and removes obsolete zero-quantity entries in advanced planning.
- `Reconcile Reservations` (Report:`DFS_RE_CIF_RESERVATIONS`) synchronizes reservation data and failure-rate elements between operational and planning environments.
- `Update Replication of Locations` (Report:`DFS_RE_LOC_REPL`) reconciles replicated location master data used in advanced planning.
- `Control Center Locks` (Report:`DFS_RE_LC01`) displays and removes control center locks that prevent further processing.
- `Replace Supplying MRP Area` (Transaction: `DFS_LOCREP`, Program: `SAPLDFS_LP_CUST`) enables the definition of alternative supplying material requirement planning areas for specific materials when the standard supplying location is not suitable for planning or pickup processes.
- `Define Responsibility for Control Centers` (Transaction: `DFS_USRMRP`, Program: `SAPLDFS_LP_CUST`) enables users to define responsibility by plant and MRP controller for calculating and displaying control center key figures.
- `Configure Order Management` direct link to customizing to set up Order Management
- `Configure Material Control` direct link to customizing to set up Material Control
- `Create Offer and Order Confirmation` (App ID: F9442) enables printouts for quotes.

Implementation Details

The loans and pools feature must be activated using the corresponding feature activation settings. Customer-specific enhancements, required BAdI implementations, and process-specific customizing settings are required before productive use.

The solution extends defense & security functionality by leveraging embedded PP/DS capabilities for:

- Material planning and supply management across location chains.
- Inventory planning for operational readiness requirements.
- Product substitution and interchangeability planning.
- Inventory control and availability management.
- Returns processing.

Depending on the application or report used, Advanced Planning (PP/DS), liveCache, Core Interface (CIF), FMPO functionality, and RFC server group configuration may be required.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F9442 F9443 F9444 F9445 F9446 Report: DFS_FMPO_UPLOAD DFS_RE_WL_PROCESS DFS_RE_WL_DISPLAY DFS_RE_MATERIAL_SHORTAGE DFS_RE_HIGH_AVAIL_TROOP DFS_RE_PS_UPDATE_PS_STOCK DFS_RE_CIF_RESERVATIONS DFS_RE_LOC_REPL DFS_RE_LC01
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 FPS02

15.4.1.3 Status Change of Measures as a Background Process

Business Details

- Users can now run measure status change operations for organizational measures, for several measure areas, and/or individual measures in the background via case management or manage measures FIORI applications.
- Previously, status change of measure was executed synchronously. With the new feature, status changes can be processed in the background, improving system performance and user experience for large-scale

operations. Users can also run a simulation of the status change before execution to validate the expected outcome. Additionally, account assignment workflows can be automatically triggered in the background when applicable, and detailed message logs are available for monitoring, both simulation and actual execution results.

Implementation Details

- To enable background processing for the own user, set the user parameter `DFS_ORGM_BACKGROUND` to '1' via transaction `SU3` (parameters section). This ensures that status change of an organizational measure or individual measure can run in the background, either from case management (`SCASE`) or via manage measures FIORI application.
- To run a simulation of the status change before execution: go to transaction `SE38`, enter report name `DFS_ORGM_OBJ_SIMULATE`, execute it, and provide the case type, case ID, and target status.
- To automatically trigger the account assignment workflow in the background when applicable: go to transaction SM30, enter view `DFS_MSR_CONFIG`, click maintain, select the checkbox *trigger workflow*, and save.
- To monitor background job execution: go to transaction `/nSBGRFCMON`, enter the transaction code '`SCASE`', remove the maximum number of displayed units filter, and execute. Expand the inbound icon, then BGPF, and double-click on *transactional units* to see running or failed units. Units in green are still running; units in red have failed. Successfully completed units are cleared from the list automatically.
- To check message logs: go to transaction SLG1, enter object *defense* and sub object "`MEASURE_STS_CHANGE`". Use external identification *simulation* for simulation results, *execution* for status change execution results, or `Sim_Exec` for both simulation and execution results from the background process.

Authorizations

Authorization to use '`SCASE`' transaction. Additional authorization to access `SLG1` and `SBGRFCMON` transaction for detailed analysis of the completed/failed jobs.

Customizing

- To enable automatic account assignment workflow triggering, maintain view `DFS_MSR_CONFIG` via transaction `SM30` and activate the *trigger workflow* checkbox.
- User parameter `DFS_ORGM_BACKGROUND` must be set to 1 via transaction `SU3` to enable background processing per user.

Effects on Existing Data

- The status change operations are now processed in the background. The measure status is updated once the background processing completes successfully. No existing master data or transaction data is automatically changed by SAP as part of this feature.
- Message logs for both simulation and execution are written to the application log (transaction `SLG1`) under object *defense*, sub object *MEASURE_STS_CHANGE*.
- The manage measure (`SCASE`) app now supports background processing for status change operations. Users with the parameter `DFS_ORGM_BACKGROUND` set to 1 will have their status change operations processed asynchronously in the background.
- Emails can be configured for the user to get notified once the background processing is completed.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`F4112`
Application Component	`IS-DFS-OF-FE` (*Force Element (S/4HANA)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.4.1.4 Report for Structure Delimitation (DFS_FE_STRUCTURE_DELIMIT)

Business Details

- This report provides an overview of delimitation records for force element structures in the Defense & Security solution.
- It enables reporting on force element structure delimitations directly. It also provides improved performance and can be used for executing delimitation on large force element structures.

Implementation Details

Users with the appropriate authorizations can access the report via transaction SE38 and execute delimitation for force element structures. No additional technical configuration is required. The report reads force element structures and allows planned delimitation to be carried out based on the specified input date.

Authorizations

Ensure that the users who need to run report `DFS_FE_STRUCTURE_DELIMIT` are assigned the relevant roles or authorization profiles that permit execution of the report via transaction SE38.

Effects on Existing Data

Force element structures are delimited based on the input date provided at execution time.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`DFS_FE_STRUCTURE_DELIMIT`
Application Component	`IS-DFS-OF-FE` (*Force Element (S/4HANA)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.4.1.5 Deactivation of FMPO Assignments Using Measures

Business Details

- Users can now deactivate flexible material planning object (FMPO) assignments directly from the material facet in the manage force elements app by using an assigned measure.
- To deactivate FMPO assignments, the user must first assign/use an *In Process* measure for the force element. The user then selects the relevant FMPO assignments and triggers the deactivate action. If the deactivation is successful, the status of the selected FMPO assignments changes to *Deactivated*. This allows planners to efficiently manage and deactivate material planning objects in the context of an active measure, ensuring that outdated or obsolete assignments are properly reflected in the system.

Implementation Details

No additional activation, configuration, or prerequisites are required. The feature is available in the material facet of the manage force elements app (F4112) as part of the standard D&S functionality.

> **Note**
>
> Deactivate status change is currently only supported for FMPO assignments when using measures.

Effects on Existing Data

The deactivation of FMPO assignments updates the status of the affected assignments to *Deactivated*. This change has persisted in the system and reflects the result of the deactivation action triggered by the user.

- The material facet in the manage force elements app now supports the deactivate action for FMPO assignments. Users must assign or use a measure in status *In Process* before selecting FMPO assignments and triggering the action.

- Once the linked measure follows the status sequence Submit → Approved → Active, all *Deactivated* FMPO assignments are automatically deleted from the system.
- Alternatively, the deactivated assignments can be deleted by using the action *Delete* in the material facet or by withdrawing the linked measure.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`F4112`
Application Component	`IS-DFS-OF-FE` (*Force Element (S/4HANA)*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.4.1.6 Change Order of Positions

Business Details

- Users can now change the order of positions within the positions facet in the *Manage Force Elements* app.
- In the positions facet, using the up/down buttons in the change order of positions pop-up enables users to reorder the assigned positions as needed. The priority field of each position is automatically updated to reflect the new order. This gives planners direct control over the sequencing of positions within a force element, improving the accuracy and clarity of organizational structures.

Implementation Details

- No additional activation, configuration, or prerequisites are required. The feature is available in the positions facet of the *Manage Force Elements* app (F4112) as part of the standard functionality.

Effects on Existing Data

- The reordering of positions updates the priority field of the affected positions. This change has persisted in the system and reflects the new sequence defined by the user.
- No existing data is changed automatically by SAP.

- The positions facet in the *Manage Force Elements* app now includes up/down buttons in the change order of positions pop-up, that allow users to reorder positions. The priority field is updated automatically based on the new order.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`F4112`
Application Component	`IS-DFS-OF-FE` (**Force Element (S/4HANA)**)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

15.4.1.7 Enhancement to Fiori App - Display Status Board

Business Details

During the creation/update of *Equipment*, *Notification* and *Work Order*, the system will evaluate the current technical status of master or critical equipment and integrating maintenance notifications and orders to determine the overall status with the highest restriction, and will store the technical status in the database along with other details. The entire evaluation will be triggered in the background using BgPF (Background Processing Framework). The Fiori app *Display Status Board* will be using this new database to show the details for master, critical and site equipment.

Implementation Details

You need to enable the functional switch '*IS_S4DFS_STB_BGPF*' to trigger the background processing framework.

1. Execute transaction **SE38** and give the report name as **DFS_FUNC_SWITCH_MAINT**
2. Select the *Enable/Disable Existing Switch* mode and enter the following values:
   - Object Type: **STB**
   - Sub-Object Type: **BGPF**
   - Switch Name: **IS_S4DFS_STB_BGPF**

3. Set the '*Active*' indicator to 'X' and execute the report.

> **Note**
>
> If you disable the above switch for any reason, the technical status of both the master and critical equipment might not be correct as BgPF will be stopped.

Authorizations

The business role for *Display Status Board* has to be updated with the new transaction code '**DFS_STB01**'.

Effects on Existing Data

The existing Master, Critical and Site Equipment stored in table */ISDFPS/LMEXT* have to be moved to the new table *DFS_STATUS_BOARD*.

Use transaction **DFS_STB01** and execute by using the following selection options:

- Execution Mode: **Full Load**
- Enter the Equipment Designation: **OR**
- Provide the list of Equipment from table */ISDFPS/LMEXT*

It is recommended to run the report in Test Mode first and then in the Productive mode.

> **Note**
>
> In case of errors, you need to check the bgRFC Monitor OR the application logs by using the options provided in the *Trace Migration* section.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`IS-DFS-PM-MNT` (*Maintenance (S/4)*)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2025 FPS02

15.4.2 Public Sector

15.4.2.1 Public Sector Management

15.4.2.1.1 Funds Management

15.4.2.1.1.1 Manage Earmarked Funds (Version 2)

Business Details

This Fiori app Manage Earmarked Funds (Version 2) (F7564A) enables you to maintain earmarked funds documents:

- Ability to create and manage earmarked funds documents to reserve budgets for expected expenditures outside of procurement.
- Multilevel categories of earmarked funds documents that allow modelling of internal and external demands and commitments.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F7564A
Application Component	`PSM-FM` (*Funds Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Additional Details

Please note the following limitations:

- Only the categories Funds Reservation, Funds Precommitment, Funds Commitments and Forecast of Revenue are supported.

- ·The following account assignments/fields are not supported:
  - Network and Network Activity
  - Real Estate Key
  - Material
  - Business Area
  - Header Long Text (work with attachments instead)
- Currently, the workflow protocol is not visible in the app
- Draft handling of Fiori apps is supported.
- Parking of earmarked funds is not supported.
- Value adjustments and earmarked funds grouping are not supported.

Related Information

Manage Earmarked Funds (Version 2)

15.4.2.1.1.2 Display Earmarked Funds

Business Details

This Fiori app Display Earmarked Funds (F9249) enables you to display earmarked funds in their function as a funds reservation, funds precommitment, funds commitment, or forecast of revenue.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F9249
Application Component	PSM-FM (*Funds Management*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Additional Details

Please note the following limitations:

- Only the categories Funds Reservation, Funds Precommitment, Funds Commitments and Forecast of Revenue are supported.
- The following account assignments/fields are not supported:
  - Network and Network Activity
  - Real Estate Key
  - Material
  - Business Area
  - Header Long Text (work with attachments instead)
- Currently, the workflow protocol is not visible in the app.
- Value adjustments and earmarked funds grouping are not supported.

Related Information

Display Earmarked Funds

15.4.2.1.2 US Federal Government

15.4.2.1.2.1 GL Account Abnormal Balance Report for US Federal Government

Business Details

This feature enables you to analyze Standard General Ledger (SGL) account balances and identify abnormal balances by comparing account ending balances debit/credit (D/C) indicators against configured expected balance debit/credit (D/C) indicators in a report designed based on the Core FS pre-built business reports, as outlined by the Financial Management Quality Service Management Office (FM QSMO).

The report compares the ending balances with the configured expected normal values and flags items that do not conform with these rules.

Implementation Details

Customizing

A customizing activity has been added to determine a normal balance indicator (D/C) for each SGL account.

To access the configuration, go to SAP IMG using the following path: *Public Sector Management* > *Functions for US Federal Government* > *General Settings* > *Maintain Balance Indicator for SGL Account* (`V_FMFG_SGL_EXPBA`).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `W0227`
Application Component	`PSM-FG` (*US Federal*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

GL Account Abnormal Balance Report

15.4.2.1.2.2 Budget and Accrual Reconciliation (BAR) Report for US Federal Government

Business Details

This feature enables you to generate the Budget and Accrual Reconciliation (BAR) report, also known as the Reconciliation of Net Operating Cost and Net Budgetary Outlays. The report is designed based on the Office of Management and Budget's (OMB) required federal agency financial statement footnote as provided in Circular A-136 and SFFAS 53. For detailed requirements, see the US Treasury's BAR Crosswalk Guide.

Implementation Details

Customizing

To support this reporting function in Fiori, SAP has delivered transaction `FMFG_CONFIG_UPLOAD` (*Upload Treasury Structured Report Layout*) in SAP S/4HANA. This tool accepts the .xlsx file format for Budget and

Accrual Reconciliation Guidance - BAR Crosswalk, downloaded from the US Treasury USSGL website . The Crosswalk must be mapped to the line items specifically used by the agency before the file is uploaded. This will create the financial statement template to be used by the report.

The configuration menu path is *SAP IMG* > *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: `W0228`
Application Component	`PSM-FG` (*US Federal*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Budget and Accrual Reconciliation (BAR) Report
Statement of Budgetary Resources
Statement of Net Cost

15.4.2.1.2.3 Automated Standardized Application for Payments (ASAP)

Business Details

This feature provides integration with the U.S. Treasury's Automated Standard Application for Payments (ASAP) system. It enables you to upload the Payment Report XML file received from ASAP and automatically post the corresponding payment transactions into the SAP financial system.

Implementation Details

Customizing

SAP provides the following transactions to support integration with ASAP:

- `/AIF/LFA_UPLOAD_FILE` - **Uploading Files to AIF**: Using this transaction you can upload files with data from ASAP into AIF.
- `FMASAPDERIVE` - **ASAP Derivation Strategy for GL Postings**: You can maintain derivation for posting strategies for GL postings.
- `/AIF/ERR` - **Monitoring and Error Handling**: You can monitor the ASAP file uploads and perform error handling scenarios.

To access the configuration, go to SAP IMG using the following path: *Public Sector Management* > *Functions for US Federal Government* > *Business Information Exchange* > *Automated Standard Application for Payments (ASAP)*.

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 FPS02

Related Information

Automated Standardized Application for Payments (ASAP)

15.4.2.1.2.4 Cross Servicing Next Generation (CSNG) Inbound Collections for US Federal Government

Business Details

This feature enables you to process collections you receive from the US Treasury's Cross Servicing Next Generation (CSNG) system. It uses the Integrated Agency Interface File Format For Cross-Servicing Version 3.30.W dated 7/16/2024, and considers only record type 1 for collections. Fee collections are assumed to be originally posted with FMFEE, and fee documents are stored in the FMFEE_HISTORY table.

The system clears fees in the following sequence:

1. Penalty
2. Admin
3. Interest

If the Treasury sends collected fees in an amount greater than what exists, CSNG Inbound posts an additional fee to enable collection of the full fees.

Implementation Details

Customizing

The following transactions are implemented by SAP to interface with CSNG Inbound Collections:

- `FMCSNGDERIVE`: Using this transaction, agencies can derive information needed to complete the CSNG collection posting in FI. Add steps to assign or derive collection document before you process the inbound file.
- `FMFG_CSNG_IN`: Using this transaction, agencies can process a CSNG collection received from Treasury via AIF.

To access the configuration, go to SAP IMG using the following path: *Public Sector Management* > *Functions for US Federal Government* > *Business Information Exchange* > *Cross Servicing Next Generation* > *CSNG Inbound Collection*.

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 FPS02

Related Information

Cross Servicing Next Generation (CSNG)

15.4.2.1.2.5 Central Accounting and Reporting System (CARS) for US Federal Government

Business Details

This feature enables agencies to the import U.S. Treasury CARS Fund Balance Reconciliation Report (FBRR). The imported data provides a centralized source for reconciling Treasury cash balances with agency financial transactions. You can use the imported data to support reconciliation reporting for:

- Disbursement transactions
- Collection transactions
- G-Invoicing/IPAC transactions

Implementation Details

The following transaction is implemented by SAP to interface with CARS:

- FMFG_CARS_UPLOAD - Using this transaction, agencies can upload files with CARS data into SAP in either CSV or XLS file format.

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 FPS02

Related Information

Central Accounting and Reporting System (CARS)

15.4.2.1.2.6 Payment Information & View of Transactions (PIVOT)

Business Details

This feature enables you to process check cancellation files received from the Treasury's Payment Information & View of Transactions (PIVOT) system. It provides Business Add-Ins (BAdIs) that allow agencies to implement their own accounting posting logic upon receipt of these files. No standard accounting posting implementation is delivered as part of this release. Derivation rules can optionally be configured to derive General Ledger (G/L) accounts and Funds Management (FM) fields during accounting postings.

Implementation Details

Customizing

SAP provides the following transactions to support integration with PIVOT:

- /AIF/LFA_UPLOAD_FILE - **Uploading Files to AIF**: Using this transaction, agencies can upload files with PIVOT data into AIF.
- /AIF/ERR - **Monitoring and Error Handling**: Using this transaction agencies, can monitor the PIVOT data and perform error handling scenarios.
- FMPIVOTPSDERIVE - **Define PIVOT Derivation Rules for Posting Strategy**: Using this transaction, agencies can create derivation rules to derive the transaction type and posting strategy used to post check cancellations using PIVOT interface.
- FMPIVOTGLDERIVE - **Define PIVOT Derivation Rules for GL Postings**: Using this transaction, agencies can create derivation rules for determining the G/L account and FM fields required to post check cancellations using PIVOT interface.

To access the configuration, go to SAP IMG using the following path: *Public Sector Management* > *Functions for US Federal Government* > *Business Information Exchange* > *Payment Information and View of Transactions (PIVOT)*.

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 FPS02

Related Information

Payment Information and View of Transactions (PIVOT)

15.4.2.1.2.7 Background Jobs for US Federal Government

Business Details

This feature enables you to generate, schedule, and monitor US Federal financial statements in the background. If you have recurring tasks that you must do at specific times, the **US Federal Fin State Scheduled Jobs** app can help you automate them.

The following US Federal Financial statements and financial statement footnotes are supported:

Supported Financial Statements (Layout IDs)

Layout ID	Financial Statement
`BALANCESH`	Balance Sheet (BS)
`STNETCOST`	Statement of Net Cost (SONC)
`STBUDGRES`	Statement of Budgetary Resources (SBR)

Layout ID	Financial Statement
STCUSTACT	Statement of Custodial Activity (SOCA)
STCNETPOS	Statement of Changes in Net Position (SCNP)
SCHEDULEP	Report on Program and Financing (Schedule P)
BARREPORT	Budget and Accrual Reconciliation (BAR) Report

These are all representative of the Core FS pre-built business reports, as outlined by the Financial Management Quality Service Management Office (FM QSMO).

Key Features

- Schedule jobs based on a job template.
- Select *Scheduling Options* to start immediately and define a recurrence pattern.
- Select mandatory and optional parameters for the report.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: `F9120`
Application Component	`PSM-FG` (*US Federal*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Balance Sheet for US Federal Government
Statement of Net Cost
Statement of Budgetary Resources
Statement of Custodial Activity
Statement of Changes in Net Position
Schedule X/P - Report on Program and Financing Schedule for US Federal Government
Budget and Accrual Reconciliation (BAR) Report
Scheduled Jobs for US Federal Government

15.4.2.1.2.8 Receivables Status for US Federal Government

Business Details

You can now use the Receivables Status report as a comprehensive debt lifecycle management tool. It introduces debt status and debt collection status tracking, expanded selection criteria, and a streamlined output field set.

The following enhancements are available:

- New categories for Debt Status and Debt Collection Status.
- An extended T053R Reason Code table.
- Output fields consolidated for Credit Memo, Debit Memo, and Adjustment Amount into Receivable Memo/Adjustment Amount, and Receipt Amount and Amount Offset into Collected Amount.
- Dynamic delinquency calculation from due dates using virtual cubes.
- Changed configuration for mapping of report measures to GL account (replacing SGL mapping).

Implementation Details

Customizing

The following customizing activities have been added:

- *Define US Federal Debt Status* (`V_FMFG_DEBT_STAT`)
- *Define US Federal Debt Collection Status* (`V_FMFG_DBTCOL_ST`)
- *Define US Federal Reason Codes* (`V_FMFG_T053R`)
- *Define Mapping of GL Account to Measure in Reports* (`V_FMFG_GL_MEASRE`)

> **Note**
>
> The previous mapping in *Define Mapping of SGL Account to Measure in Reports* (`V_FMFG_SGL_MESRE`) is no longer used.

To access these activities, go to SAP IMG using the following path: *Public Sector Management* > *Functions for US Federal Government* > *Debt Management*.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID: `W0210`
Application Component	`PSM-FG` (*US Federal*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Receivable Status for US Federal Government

15.4.2.1.2.9 Payment Due Notice Report for US Federal Government

Business Details

The dunning notice components, **SAP70 (Payment Due Notice)** and **SAP71 (Payment Due Notice - By Customer and Invoice Reference)** now have their own selection parameters. The output fields for these forms align with federal receivables terminology and ensure consistency with the updated Receivables report.

The following enhancements are available:

- Customer-related fields are now called *Party* fields to align with federal debt management terminology used in QSMO reports.
- The *Last Receipt Date* field records the most recent collection transaction date for a receivable.
- The *Penalty Rate* field complements the existing Interest Rate field. It is derived from `FMFEE_HISTORY-INT_RATE` with Fee Category = 1.
- The *Offset Collection Amount* field shows the amount collected through internal agency offsets or Treasury offsets. The value is determined by a new flag in `V_FMFG_DBTCOL_ST` and reason code logic in `V_FMFG_T053R`.
- The aging configuration table (`FMFEE_AGING_RNGE`) now uses a simplified day-range structure.
- The dunning notice now uses the same IPA (Interest, Penalty, and Admin) calculation logic as the updated Receivables report.

Technical Details

Type	Changed

Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`SAP70` `SAP71`
Application Component	`PSM-FG` (*US Federal Government*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Printing Payment Due Notice

15.4.2.1.2.10 Aged Receivables for US Federal Government

Business Details

With this feature, you can create a structured listing of accounts receivable and delinquent debt by agency, party, billing invoice, and debt aging category. The Aged Receivables report standardizes logic across the Receivable Status report and supports the preparation of the Treasury Report on Receivables (TROR). The report follows the Financial Management Quality Service Management Office (FM QSMO) definition.

The following enhancements are available:

- A new GL account configuration table replaces the previous SGL table. The table defines GL accounts for receivables, cash collections, interest, penalties, administrative fees, and write-offs across eight document categories.
- Debtor category determination is now based on the Trading Partner field (ACDOCA-RASSC). The logic uses exception table `V_FMFG_TRADE_ID` to classify debtors as Federal or Non-Federal, replacing manual classification.
- Aging calculations now use a configurable **Key Date**, which defaults to the current system date. This enables point-in-time reporting rather than relying on a fixed report run date.
- The **Last Collection Date** is now determined dynamically by comparing all collection dates and selecting the most recent collection transaction date.

Implementation Details

Customizing

A customizing activity has been added where you can specify the debt aging category. To access the configuration, go to SAP IMG using the following path: *Public Sector Management* > *Functions for US Federal Government* > *Debt Management* > *Define US Federal Debt Aging Categories* (`V_FMFG_DBTAGCAT`).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`W0229`
Application Component	`PSM-FG` (*US Federal Government*)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

Aged Receivables for US Federal Government

15.4.2.1.2.11 GL Account Relationship Analysis

Business Details

This feature enables you to use the existing reconciliation tool to execute the G/L Account Relationship Analysis comparisons specified by Treasury's QSMO group. The reconciliation tool is an existing solution with which most US Federal customers are familiar with.

Implementation Details

To support the new Treasury account relationship rules, an enhancement has been added to the reconciliation tool. Treasury-defined rules require certain USSGL accounts to use **Year-to-Date** activity and others to use

Inception-to-Date activity. Previously, a data slice could support only one activity type and could not contain both. A new table (`FMFGRCNSGLXBAL`) allows USSGL accounts within a data slice to retrieve data based on the opposite of what the rule specifies. For example, if the referenced slice is configured to total activity based on **Inception-to-Date** activity, an entry for that data slice and a specific USSGL account retrieves only **Year-to-Date** activity for that account.

The new customizing activity to create the reconciliation “slices” and “rules” is delivered via a BC Set. See the product assistance for instructions on how to load the BC sets and how to maintain the additional table 'Reconciliation: Opposite behavior for op. bal. per slice/SGL' (`FMFGRCNSGLXBAL`).

Technical Details

Type	Changed
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 FPS02

Related Information

GL Account Relationship Analysis

15.4.2.1.2.12 Budget Exchange Rate for US Federal Government

Business Details

This feature enables you to apply custom Budget Exchange Rates (BER) to specific obligation transactions and appropriation symbols. You can maintain specific exchange rate controls instead of standard SAP exchange rates.

Implementation Details

Customizing

The following customizing activities have been added:

- Define Budget Exchange Rate (TBER_CVP)
- Define Appropriations Subject to Budget Exchange Rate (TAPPR)

To access these activities, go to SAP IMG using the following path: *Public Sector Management* > *Functions for US Federal Government* > *Integration* > *Materials Management*.

Technical Details

Type	
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 FPS02

Related Information

Budget Exchange Rate

15.4.2.2 Tax and Revenue Management

15.4.2.2.1 Data Management in Taxpayer Identification and Returns Processing

Business Details

A new data destruction object has been added to Taxpayer Identification and Returns Processing.

Name of Data Management Object	Object Type	Changes With This Release	Details	More Information
`FMCA_XML_FORMDATA_DESTRUCTION`	Data destruction object	New data destruction object added	You can use the data destruction object `FMCA_XML_FORMDATA_DESTRUCTION` to destroy XML form data.	Destroying XML Form Data Using FMCA_XML_FORMDATA_DESTRUCTION

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Data Destruction Object: `FMCA_XML_FORMDATA_DESTRUCTION`
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 FPS02 1809 SPS16 1909 SPS14 2020 SPS12 2021 SPS10 2022 SPS08 2023 SPS06

Related Information

Data Management in Taxpayer Identification and Returns Processing

15.4.2.2.2 Artifact Generation for Form Data Search

Business Details

With this report you can now automatically create CDS views and optional OData services for each form bundle type you have configured in your system. These CDS views enable users to search form bundles using flexible criteria across headers, form scenarios, tables, and form fields.

The generated artifacts can be used as delivered or can be adapted for various use cases such as Fiori applications, analytics, and intelligent features.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`ISPSCA_TRM_CDSVIEWS`
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 FPS02

Related Information

Generating Artifacts for Form Data Search
Define Form Search Field [page 936]
New Fields in Configuration Activity Define Table Form [page 937]

15.4.2.2.3 Define Form Search Field

Business Details

You can now use this configuration activity to configure search fields for Transparent Tables for Forms (TTF) within form scenarios. The configuration defines which fields from TTF tables will be exposed as search criteria

when generating CDS views through program `RFMCA_FPF_CDS_GEN`, facilitating efficient form data retrieval and search functionality.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`ISPSCA_TRM_SEARCH`
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 FPS02

Related Information

Defining Search Fields for Forms

15.4.2.2.4 New Fields in Configuration Activity Define Table Form

Business Details

There are new fields now available in the configuration activity *Define Table Forms*.

The following new fields are available for the folders *Define Header Layout* and *Define Line Layout*:

- *Search Field*: Specifies whether a field is defined as a search field for the table form.
- *Search Label Text*: Allows specification of a custom label text for a search field, overriding the default label derived from the data element.
- *Search Alias*: Specifies an alternative name for a field in the generated views.

The following new field is available in *Define Table Forms*:

- *CDS Name Suffix*: Specifies the customer-specific suffix for CDS views generated for a table form.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`ISPSCA_FMCA_TF_FORM`
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 FPS02

Related Information

Generating Artifacts for Form Data Search

15.4.2.2.5 New App Total Tax Amount of Form Bundles

Business Details

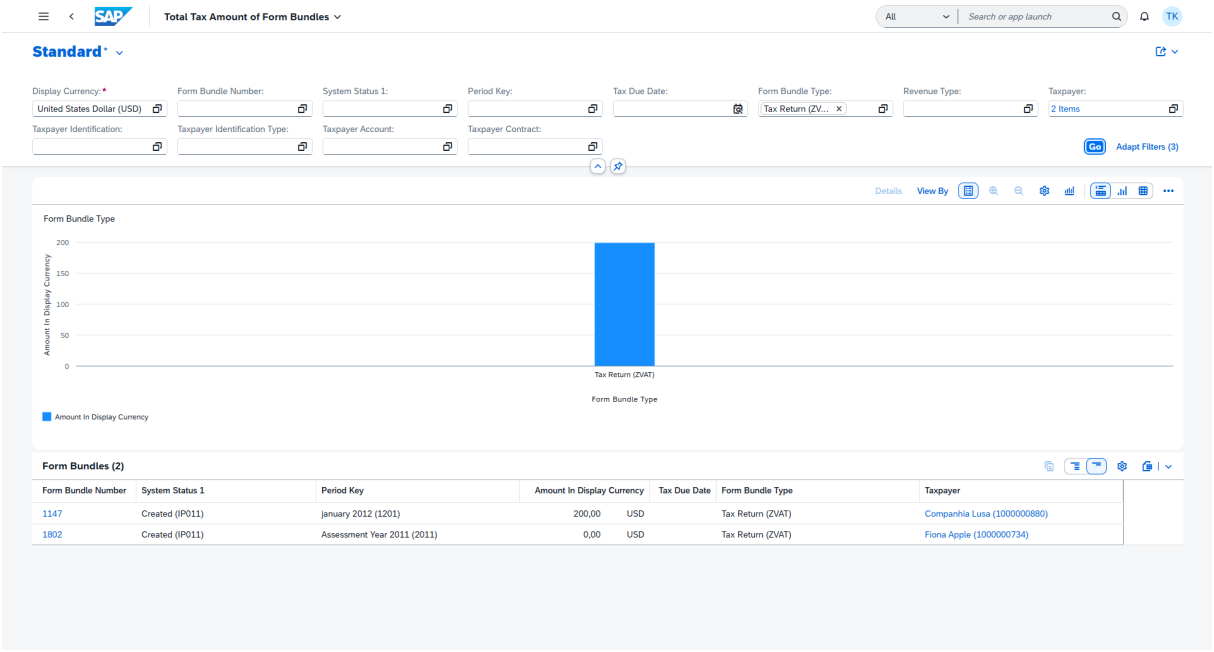
With this app, you can now display a list of form bundles directly underneath the Amount in Display Currency chart and navigate seamlessly to the *Form Bundle* app.

This app is the successor of the app *Form Bundle - Total Tax Amount* (`F2977`), which will be deprecated in an upcoming release. Here are some of the improvements as compared to the *Form Bundle - Total Tax Amount* app:

- You can now display a list of form bundles underneath the chart, whereas previously, you could only display a chart with the total number of form bundles.
- You can now seamlessly navigate to a form bundle, whereas previously that wasn't possible.

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	F2977A
Application Component	IS-PS-CA (*Public Sector Contract Accounts Receivable and Payable*)
Availability	
Valid as Of	2025 FPS02

Related Information

Total Tax Amount for Form Bundles

15.4.2.2.6 New App Total Number of Form Bundles

Business Details

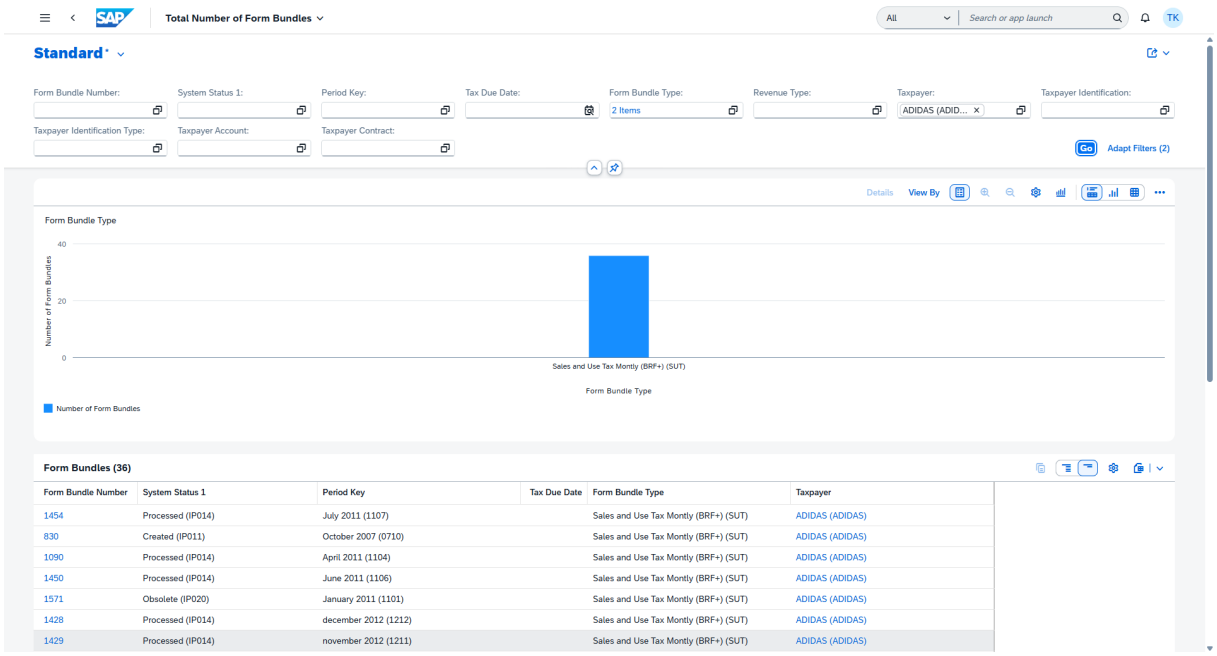
With this app, you can now display form bundles directly underneath the Number of Form Bundles chart and navigate seamlessly to the *Form Bundle* app.

This app is the successor of the app *Form Bundle - Total Number* (F2976), which will be deprecated in an upcoming release. Here are some of the improvements as compared to the *Form Bundle - Total Number* app:

- You can now display a list of form bundles underneath the chart, whereas previously, you could only display a chart with the total number of form bundles.
- You can now seamlessly navigate to a form bundle, whereas previously that wasn't possible.

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: `F2976A`
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 FPS02

Related Information

Total Number of Form Bundles

15.4.2.2.7 Natural Language Search for Form Bundles and Public Sector Contract Objects

Business Details

This feature enables you to use natural language for searching Form Bundles and Public Sector Contract Objects. The natural language search uses the AI-assisted enterprise search. You can enter your search queries in natural language in the SAP Fiori launchpad search bar to find the information you need.

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
Valid as Of	2025 FPS02

Related Information

Natural Language Search for Public Sector Contract Objects
Natural Language Search for Form Bundles

15.4.2.3 Procurement for Public Sector

15.4.2.3.1 Manage Purchase Orders - Public Services

Business Details

This feature enables you to create multiple purchase order items using a spreadsheet instead of entering them individually in the application.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`MM-PUR-PS-PO`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

SAP Ariba Sourcing and Procurement for Public Sector in S/4HANA

15.4.2.3.2 Manage Purchase Contracts - Public Services

Business Details

This feature enables you to create multiple purchase contract items using a spreadsheet instead of entering them individually in the application.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`MM-PUR-PS-PC`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

SAP Ariba Sourcing and Procurement for Public Sector in S/4HANA

15.4.2.3.3 Manage Purchase Requests - Public Services

Business Details

This feature enables you to streamline purchase request creation by defaulting external catalogs, improving fuzzy search results, adding free-text items for one-time purchases, and automatically defaulting delivery address and charge-to information.

Technical Details

Type	Changed
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 FPS02

Related Information

SAP Ariba Sourcing and Procurement for Public Sector in S/4HANA

15.4.2.3.4 Manage Sourcing Projects - Public Services

Business Details

This feature enables you to integrate sourcing projects with purchasing questionnaires, allowing questionnaire responses to be managed as part of the sourcing process.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`MM-PUR-PS-SP`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Valid as Of	2025 FPS02

Related Information

SAP Ariba Sourcing and Procurement for Public Sector in S/4HANA

15.4.2.3.5 Manage Supplier Quotations - Public Services

Business Details

This feature enables you to create and manage supplier quotation documents using OpenText integration in the Manage Supplier Quotations app.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`MM-PUR-PS-SPQ`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

SAP Ariba Sourcing and Procurement for Public Sector in S/4HANA

15.4.2.3.6 Display Purchasing Document History

Business Details

This feature enables you to view a hierarchical structure of all documents related to a purchasing document. The structure displays documents created throughout the procurement cycle workflow, including logistics and financial documents.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	`Not applicable`
Application Component	`MM-PUR-PS-INT`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

SAP Ariba Sourcing and Procurement for Public Sector in S/4HANA

15.4.2.3.7 Manage Supplier Quotations - Deprecated

Business Details

The Manage Supplier Quotations - Public Services (old version) app has been deprecated as part of the migration to the latest application framework based on OData V4. The successor app, Manage Supplier Quotations - Public Services (new version), provides the latest user experience and serves as the primary application for managing supplier quotations.

The deprecated app is no longer available in the SAP Fiori launchpad. There is no backend transaction associated with this app.

Technical Details

Type	Deprecated
Functional Localization	No localization
Scope Item	NA
Technical Object Name	`Not applicable`
Application Component	`MM-PUR-PS-SPQ`
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2025 FPS02

Related Information

SAP Ariba Sourcing and Procurement for Public Sector in S/4HANA

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