



WHAT'S NEW | PUBLIC

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# What's New in SAP S/4HANA 1809 FPS02

# Content

- 1 What's New. . . . . 5**
- 2 Asset Management. . . . . 6**
  - 2.1 Maintenance Operations. . . . . 6
    - CDS Views for BW Extraction. . . . . 6
  - 2.2 Enterprise Asset Management Part 13. . . . . 7
    - Maintenance Order: Specifying Default Settlement Rule. . . . . 7
    - Order and Operation List: Mass Change. . . . . 9
    - Maintenance Plan: Specifying End Date and End Counter. . . . . 10
    - Maintenance Item: Assigning Causes and Reasons Documents. . . . . 11
  - 2.3 Simplified Management of EAM Functions 12. . . . . 12
    - Maintenance Order: Specifying Default Settlement Rule. . . . . 13
    - Maintenance Plan: Specifying End Date and End Counter. . . . . 14
  - 2.4 Country/Region Specifics. . . . . 16
- 3 Finance. . . . . 17**
  - 3.1 Financial Planning and Analysis. . . . . 17
    - Apps removed from Overhead role. . . . . 17
  - 3.2 Accounting and Financial Close. . . . . 17
    - General Ledger Accounting. . . . . 17
    - Central Finance. . . . . 19
  - 3.3 Treasury Management. . . . . 31
    - Cash and Liquidity Management. . . . . 31
    - Payments and Bank Communication . . . . . 33
    - Treasury and Risk Management. . . . . 34
  - 3.4 Commodity Risk Management. . . . . 40
    - FIX Message Parser. . . . . 40
    - B APIs for Commodity Derivatives Include Free Characteristics. . . . . 41
  - 3.5 Country/Region Specifics. . . . . 41
- 4 Manufacturing. . . . . 42**
  - 4.1 Quality Management. . . . . 42
    - Track Actions for FMEAs. . . . . 42
    - Sign and Complete Audit in One Step. . . . . 43
    - FMEA Objects Displayed as Search Criteria. . . . . 43
    - Exclude Elements While Creating Audits Using Templates. . . . . 44
  - 4.2 Country/Region Specifics. . . . . 45

<b>5</b>	<b>R&amp;D/Engineering.</b> . . . . .	<b>46</b>
5.1	Enterprise Portfolio and Project Management. . . . .	46
	Project Financial Control. . . . .	46
	SAP Portfolio and Project Management. . . . .	53
5.2	Integrated Product Development for Discrete Industries. . . . .	73
	Enhancement in Where-Used List. . . . .	73
	Display Price Data from Material Master in BOM Explosion Reports. . . . .	74
	Additional Fields for Unloading Point and Goods Recipient in Master Data. . . . .	74
<b>6</b>	<b>Sales.</b> . . . . .	<b>76</b>
6.1	Order and Contract Management. . . . .	76
6.2	Commodity Sales. . . . .	76
	Period-End Valuation of Global Trade Management Documents. . . . .	76
6.3	Country/Region Specifics. . . . .	77
<b>7</b>	<b>Sourcing and Procurement.</b> . . . . .	<b>78</b>
7.1	Restructuring of the Product Assistance for Sourcing and Procurement. . . . .	78
7.2	Commodity Procurement. . . . .	79
	Period-End Valuation of Global Trade Management Documents. . . . .	79
7.3	Country/Region Specifics. . . . .	79
<b>8</b>	<b>Supply Chain.</b> . . . . .	<b>80</b>
8.1	Logistics and Order Fulfillment. . . . .	80
	Warehouse Management. . . . .	80
	Transportation Management. . . . .	85
8.2	Country/Region Specifics. . . . .	87
<b>9</b>	<b>Integration.</b> . . . . .	<b>88</b>
9.1	Integration with SAP Localization Hub, Tax Service. . . . .	88
	Enhance Localization Interfaces for Tax Service . . . . .	88
9.2	Country/Region Specifics. . . . .	89
<b>10</b>	<b>Cross Components.</b> . . . . .	<b>90</b>
10.1	In-App Help Available. . . . .	90
10.2	Analytics. . . . .	90
	Add a New Model to a Predictive Scenario. . . . .	90
10.3	Application Platform and Infrastructure. . . . .	91
	SAP HANA Transport for ABAP for SAP HANA Deployment Infrastructure (HTA for HDI). . . . .	91
	Adding Single ATC Findings to the Baseline. . . . .	92
	ABAP Download Service. . . . .	93
10.4	Country/Region Specifics. . . . .	94
<b>11</b>	<b>Country/Region Specifics.</b> . . . . .	<b>95</b>
11.1	Austria. . . . .	95

	Finance. . . . .	95
11.2	Brazil. . . . .	96
	Finance. . . . .	96
11.3	Colombia. . . . .	99
	VAT Declaration. . . . .	99
11.4	Egypt. . . . .	100
	Finance. . . . .	100
11.5	Japan. . . . .	102
	Finance. . . . .	102
11.6	Saudi Arabia. . . . .	102
	Finance. . . . .	102
11.7	South Korea. . . . .	103
	Cross-Application Functions. . . . .	103
	Finance. . . . .	105
11.8	Spain. . . . .	106
	General Functions. . . . .	106
11.9	Turkey. . . . .	108
	General Functions. . . . .	108
11.10	Canada. . . . .	110
	Finance. . . . .	110
<b>12</b>	<b>Industries. . . . .</b>	<b>111</b>
12.1	Consumer. . . . .	111
	Agriculture. . . . .	111
	Retail and Fashion. . . . .	126
12.2	Energy & Natural Resources. . . . .	136
	Utilities. . . . .	136
12.3	Financial Services. . . . .	141
	Insurance. . . . .	141

# 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 Asset Management

### 2.1 Maintenance Operations

#### 2.1.1 CDS Views for BW Extraction

CDS (Core Data Services) views have now been released for BW extraction.

##### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	PM ( <i>Plant Maintenance</i> )
Available As Of	SAP S/4HANA 1809 FPS02

##### Additional Details

- `I_MAINTSTRATEGYTEXTDATA`  
You can use this CDS view to obtain text for maintenance strategy.
- `I_MAINTPACKAGETEXTDATA`  
You can use this CDS view to obtain text for maintenance package.
- `I_GENERICPRIORITYDATA`  
You can use this CDS view to obtain information about priority.
- `I_GENERICPRIORITYTEXTDATA`  
You can use this CDS view to obtain text for priority.

##### Related Information

[CDS Views for Asset Management](#)

## 2.2 Enterprise Asset Management Part 13

The Enterprise Asset Management Part 13 (LOG\_EAM\_CI\_13) business function enables you to use several enhancements for maintenance orders and maintenance plans in Plant Maintenance.

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	BH1 (Corrective Maintenance), BH2 (Emergency Maintenance), BJ2 (Preventive Maintenance)
Application Component	PM (Plant Maintenance)
Available as of	SAP S/4HANA 1809 FPS02
Required Business Function	Enterprise Asset Management Part 12 (LOG_EAM_CI_12)

### Additional Details

For more information about the functions that are included in this business function (LOG\_EAM\_CI\_13), see the following product feature release notes:

- [Maintenance Order: Specifying Default Settlement Rule \[page 7\]](#)
- [Order and Operation List: Mass Change \[page 9\]](#)
- [Maintenance Plan: Specifying End Date and End Counter \[page 10\]](#)
- [Maintenance Item: Assigning Causes and Reasons Documents \[page 11\]](#)

### Related Information

[Enterprise Asset Management Part 13](#)

## 2.2.1 Maintenance Order: Specifying Default Settlement Rule

With this feature, you can specify which default settlement rule is assigned to a maintenance order or operation when this assignment is to be made automatically. For a combination of plant and order type, you can determine whether the system is to carry out periodic or full settlement. Subsequently, the maintenance

order is settled according to this settlement rule when you maintain a settlement rule with default during order processing. The system also assigns the default settlement rule if this assignment is to be made automatically when the order is released or completed.

The default settlement rule is assigned on operation level when the order type is set for operation account assignment.

You can also use this function when you edit maintenance orders in the basic order view.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	BH1 (Corrective Maintenance), BH2 (Emergency Maintenance), BJ2 (Preventive Maintenance)
Application Component	PM (Plant Maintenance)
Available as of	SAP S/4HANA 1809 FPS02
Required Business Function	Enterprise Asset Management Part 13 (LOG_EAM_CI_13)

## Effects on Existing Data

If you do not specify a default settlement rule for a specific order type and plant in Customizing, the system carries out both, periodic and full settlement.

## Effects on Customizing

You can specify default settlement rules for a combination of order type and plant in Customizing for *Plant Maintenance and Customer Service* under [Maintenance and Service Processing](#) [Maintenance and Service Orders](#) [Functions and Settings for Order Types](#) [Specify Default Settlement Rules for Maintenance Orders](#).

## Related Information

[Creating or Generating a Settlement Rule](#)

## 2.2.2 Order and Operation List: Mass Change

With this product feature, you can use a mass change function for order header data and operation data in the order and operation list (SAP GUI transaction `IW37N`).

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	BH1 (Corrective Maintenance), BH2 (Emergency Maintenance), BJ2 (Preventive Maintenance)
Application Component	PM (Plant Maintenance)
Available as of	SAP S/4HANA 1809 FPS02
Required Business Function	Enterprise Asset Management Part 13 ( <code>LOG_EAM_CI_13</code> )

### Additional Details

The fields, whose values you can change simultaneously in several selected orders or order operations, are on different tab pages. In the mass change function of the order header data, you can, for example, modify field content on the tab pages [General Data](#), [Location Data](#), [Account Assignment Data](#) and [Customer-Specific Fields](#). If you select more than one order operation in the list, you can change not only general data, but also, for example, internal and external data, start and end dates and customer-specific data.

The prerequisite for editing values in customer-specific fields is that you have added customer-specific fields to the structure `EAM_ORD_OP_MASS_CUSTOMER_DATA` and checked the assignment and validity of customer-specific fields in the enhancement implementation of the Business Add-In *BAdI: Adapt Transferred Data to BAPI* (`IBAPI_ALM_ORD_MODIFY`).

### Effects on Existing Data

In the Order and Operation List (SAP GUI transaction `IW37N`), you have the option of choosing **Order** **Carry Out a Mass Change** to change several maintenance orders at the same time. The [Change Header Data](#) and [Change Operation Data](#) menu options allow you to change header or operation data for several maintenance orders.

## Related Information

[Carry Out a Mass Change](#)

[Carry Out Mass Change in Operations](#)

## 2.2.3 Maintenance Plan: Specifying End Date and End Counter

With this feature, you can specify an end date for scheduling in maintenance plans. For performance-based single cycle plans and strategy plans, you can also define an end counter. The system considers these dates during the scheduling process. When the end date or end counter are due, the last maintenance call retains the status *Hold* so that no further maintenance call objects are created for this maintenance plan.

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	BH1 (Corrective Maintenance), BJ2 (Preventive Maintenance)
Application Component	PM (Plant Maintenance)
Available as of	SAP S/4HANA 1809 FPS02
Required Business Function	Enterprise Asset Management Part 13 (LOG_EAM_CI_13)

### Additional Details

The end dates and end counters are considered during scheduling no matter whether you start the scheduling of individual maintenance plans (transaction IP10) or select multiple maintenance plans or all maintenance plans within a specific time-frame for automatic scheduling (transactions IP30 or IP30H) .

The end date for scheduling and the end counter for scheduling are also copied if you create a new maintenance plan with reference (transactions IP01, IP41, and IP42) and select the *Additional Data* also to be copied.

The end date for scheduling is added as an additional selection criterion in the maintenance list editing (transactions IP15, IP16).

The end date for scheduling and the end counter for scheduling are displayed if you branch to the maintenance plan details in various overview lists (transactions IP15, IP16, IP24).

## i Note

The end date and end counter are not considered during the scheduling process if you have selected the *Outline Agreement* checkbox for the maintenance plan category in Customizing for *Plant Maintenance and Customer Service* under [► Maintenance Plans, Work Centers, Task Lists and PRTs ► Maintenance Plans ► Set Maintenance Plan Categories ►](#). Moreover, the system does not consider the end date or end counter if the maintenance call object is a service order.

## Effects on Existing Data

The transactions for processing and displaying maintenance plans (transactions `IP01`, `IP02` and `IP03`) have been enhanced with two fields on the *Maintenance Plan Additional Data* tab: the *End Date for Sched.* field and the *End Crtr Sched* field. You can only specify an end counter for scheduling in performance-based single cycle plans and in strategy plans.

The transactions for maintenance list editing (transactions `IP15` and `IP16`) have been enhanced with the *End Date for Scheduling* field as a selection criterion.

## Related Information

[Specifying End Date and End Counter](#)

## 2.2.4 Maintenance Item: Assigning Causes and Reasons Documents

With this feature, you can link a document to a maintenance item which specifies the causes or reasons why a maintenance activity is performed. These documents are assigned to the maintenance items and contain information on, for example, regulations, certifications, and guidance.

Using transaction `IP04` or `IP05`, you can assign documents by assigning cause codes or reason codes to a maintenance item. Using transaction `QS41`, you can assign a document to a catalog code and that catalog code can be assigned to a reason or a cause.

To simplify the selection of codes, you can assign code groups to a catalog profile. You can then assign these catalog profiles to the maintenance plan category in customizing or the technical object of the maintenance plan while maintaining master data.

If an item is assigned to a maintenance strategy, you can assign reasons or causes to individual maintenance packages of the strategy.

Documents that are assigned to a maintenance item are assigned to maintenance orders as dependent documents.

You can search for maintenance plans or maintenance items using the document info record or reason/cause codes assigned to them using <List Display> or <Change Maintenance Item> under transaction IP17 (display maintenance items) or IP18 (change maintenance items).

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	BJ2 (Preventive Maintenance)
Application Component	PM (Plant Maintenance)
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

The following transactions apply:

	Create	Change	Display	Search for
Maintenance Plan	IP01	IP02	IP03	IP17
Maintenance Item	IP04	IP05	IP06	IP18

## Effects on Customizing

You can define maintenance plan types/categories in [SAP Customizing Implementation Guide](#) > [Plant Maintenance and Customer Service](#) > [Maintenance Plans, Work Centers, Task Lists and PRTs](#) > [Maintenance Plans](#) > [Set Maintenance Plan Categories.](#)

You can define the origin of the cause and reason details assigned to the maintenance item in [SAP Customizing Implementation Guide](#) > [Plant Maintenance and Customer Service](#) > [Maintenance Plans, Work Centers, Task Lists and PRTs](#) > [Maintenance Plans](#) > [Define Origin of Maintenance Item.](#)

## 2.3 Simplified Management of EAM Functions 12

This business function provides you with enhanced features for processing maintenance orders and maintenance plans on the SAP Web UI for Plant Maintenance.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	BH1 (Corrective Maintenance), BH2 (Emergency Maintenance), BJ2 (Preventive Maintenance)
Application Component	PM (Plant Maintenance)
Available as of	SAP S/4HANA 1809 FPS02
Required Business Functions	Simplified Management of EAM Functions 11 (LOG_EAM_SIMPLICITY_11) Enterprise Asset Management Part 12 (LOG_EAM_CI_12)

## Additional Details

For more information about the functions that are included in this business function (LOG\_EAM\_SIMPLICITY\_12), see the following product feature release notes:

- [Maintenance Order: Specifying Default Settlement Rule \[page 13\]](#)
- [Maintenance Plan: Specifying End Date and End Counter \[page 14\]](#)

## Related Information

[Simplified Management of EAM Functions 12](#)

### 2.3.1 Maintenance Order: Specifying Default Settlement Rule

With this feature, you can specify which default settlement rule is assigned automatically to a maintenance order or operation when you process maintenance orders on the SAP Web UI for Plant Maintenance. For a combination of plant and order type, you can determine whether the system is to carry out periodic or full settlement. Subsequently, the maintenance order is settled according to this settlement rule when you maintain a settlement rule with default during order processing. The system also assigns the default settlement rule if this assignment is to be made automatically when the order is released or completed.

The default settlement rule is assigned on operation level when the order type is set for operation account assignment.

You can also use this function when you edit maintenance orders in the basic order view.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	BH1 (Corrective Maintenance), BH2 (Emergency Maintenance), BJ2 (Preventive Maintenance)
Application Component	PM (Plant Maintenance)
Available as of	SAP S/4HANA 1809 FPS02
Required Business Function	Simplified Management of EAM Functions 12 (LOG_EAM_SIMPLICITY_12)

## Effects on Existing Data

If you do not specify a default settlement rule for a specific order type and plant in Customizing, the system carries out both, periodic and full settlement.

## Effects on Customizing

You can specify default settlement rules for a combination of order type and plant in Customizing for *Plant Maintenance and Customer Service* under [► Maintenance and Service Processing ► Maintenance and Service Orders ► Functions and Settings for Order Types ► Specify Default Settlement Rules for Maintenance Orders ►](#).

## Related Information

[Creating a Standard Settlement Rule](#)

## 2.3.2 Maintenance Plan: Specifying End Date and End Counter

With this feature, you can specify an end date for scheduling when processing maintenance plans on the SAP Web UI for Plant Maintenance. For performance-based single cycle plans and strategy plans, you can also define an end counter. The system considers these dates during the scheduling process. When the end date or end counter are due, the last maintenance call retains the status *Hold* so that no further maintenance call objects are created for this maintenance plan.

## Technical Details

Type	New
Available In	Available in all countries
Scope Item	BHI (Corrective Maintenance), BJ2 (Preventive Maintenance)
Application Component	PM (Plant Maintenance)
Available as of	SAP S/4HANA 1809 FPS02
Required Business Function	Simplified Management of EAM Functions 12 (LOG_EAM_SIMPLICITY_12)

## Additional Details

The end dates and end counters are considered during scheduling no matter whether you start the scheduling of individual maintenance plans or select multiple maintenance plans or all maintenance plans within a specific time-frame for automatic scheduling.

The end dates for scheduling are also copied if you create a new maintenance plan with reference and select the [Additional Data](#) also to be copied.

The end date for scheduling and the end counter are also available in the [Maintenance Plan and Item List](#).

### Note

The end date and end counter are not considered during the scheduling process if you have selected the [Outline Agreement](#) checkbox for the maintenance plan category in Customizing for [Plant Maintenance and Customer Service](#) under [Maintenance Plans, Work Centers, Task Lists and PRTs](#) > [Maintenance Plans](#) > [Set Maintenance Plan Categories](#). Moreover, the system does not consider the end date or end counter if the maintenance call object is a service order.

## Effects on Existing Data

The Web UI applications for processing and displaying maintenance plans have been enhanced with two fields in the [Date Determination](#) section of the [Planning Data](#) tab: the [End Date for Scheduling](#) field and the [End Counter for Scheduling](#) field. You can only specify an end counter for scheduling in performance-based single cycle plans and in strategy plans.

In the [Maintenance Plan and Maintenance Item List](#) you can display the [End Date for Scheduling](#) field and the [End Counter for Scheduling](#) field as a table column. You can also use the mass change to change these two fields.

## Related Information

[Maintenance Plan](#)

[Creating a Maintenance Plan with Reference](#)

## 2.4 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 95\]](#).

## 3 Finance

### 3.1 Financial Planning and Analysis

#### 3.1.1 Apps removed from Overhead role

The following apps have been removed from the SAP\_BR\_OVERHEAD\_ACCOUNTANT business group.

- Display Actual Cost Line Items for Cost Centers
- Display Actual Cost Documents

Individual users who choose not to work with the apps, can still use this transaction as before.

#### Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	J54 (Overhead Cost Accounting)
Application Component	CO-OM-IS
Available As Of	SAP S/4HANA 1809 FPS02

### 3.2 Accounting and Financial Close

#### 3.2.1 General Ledger Accounting

##### 3.2.1.1 Accounting Enhancements for Banking

You can use the following enhancements for Multi Currency Accounting:

- The `FBV0` parking document list optimized for processing MCA documents
- Workflow processing of parked MCA documents
- Information about the user who created, parked or rejected a document
- Write and display of document changes

- Mass deletion of parked documents
- The Excel upload

For more details about the changes, see SAP Note [2766218](#) and SAP Note [2767524](#).

You can use the standardized aggregation variant maintenance:

The aggregation maintenance has been standardized to be used across processes with the introduction of a set of fields in the new universal journal table ACDOCA.

This means that in certain cases Customizing needs to be adjusted. You need to change the fieldnames to the new set of fieldnames in the Customizing activities *Define Aggregation Fields* and *Define Fixed Values Variants* under [► Financial Accounting ► General Ledger Accounting ► Periodic Processing ► Multi Currency Accounting ► Aggregation ►](#).

For more information, see SAP Note [2773393](#).

## Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	FI-GL-CU-MCA
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

### SAP Easy Access Menu

The SAP Easy Access menu has been changed under *Multi Currency Accounting*:

New entries:

- [► Accounting ► Financial Accounting ► General Ledger ► Periodic Processing ► Multi Currency Accounting ► Periodic Processing ► Subledger Processing ► Valuate \(Customers/Vendors\) ► Revalue Customer and Vendor Items ►](#)
- [► Accounting ► Financial Accounting ► General Ledger ► Periodic Processing ► Multi Currency Accounting ► Periodic Processing ► Subledger Processing ► Fixed Assets ► Transform Foreign Currencies \(PIP/WIP Accounts\) ►](#)

Deleted entries:

- [► Accounting ► Financial Accounting ► General Ledger ► Periodic Processing ► Multi Currency Accounting ► Periodic Processing ► General Ledger Processing ► Valuate ► Revalue Customer and Vendor Items ►](#)

- [Accounting](#) > [Financial Accounting](#) > [General Ledger](#) > [Periodic Processing](#) > [Multi Currency Accounting](#) > [Periodic Processing](#) > [Subledger Processing](#) > [Transform Foreign Currencies \(PIP/WIP Accounts\)](#)

## SAP Customizing

The Customizing structure has been changed under *Average Daily Balance*:

New entries:

- [Financial Accounting](#) > [Financial Accounting Global Settings](#) > [Ledgers](#) > [Ledger](#) > [Average Daily Balance](#)
  - [Define Aggregation Variants](#)
  - [Define Aggregation Fields](#)

## 3.2.2 Central Finance

### 3.2.2.1 Configuration Consistency Check – Additional Checks

You can now perform additional checks with the [Configuration Consistency Check](#) for the following check groups:

- G/L Account
- Profitability Analysis
- Currency and Valuation Profile

## Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	FI-CF (Central Finance)
Available As Of	SAP S/4HANA 1809 FPS2

## Additional Details

The following checks are performed for the check groups:

- G/L Account

- Verifies the consistency of the **Tax Category** in G/L account master record between the source system and the Central Finance system.
- Verifies the consistency of the **Clearing Specific to Ledger** indicator for the G/L account between the source system and the Central Finance system.
- Verifies the consistency of the **Balances in Local Currency Only** indicator for the G/L account between the source system and the Central Finance system.
- Profitability Analysis  
Verifies the consistency of the **CO-PA Characteristics** between the source system and the Central Finance system.
- Currency & Valuation Profile  
Verifies the consistency of the **Currency and Valuation Profile** assigned to the controlling area between the source system and the Central Finance system. (This check is available only when *Currency and Valuation Profile* is set to active in the source system.)

## Related Information

[Configuration Consistency Check](#)

### 3.2.2.2 EC-PCA - Balance Comparison Report

With this feature, you can check whether EC-PCA balances in the source system match the corresponding balances in the Central Finance system.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	FI-CF (Central Finance)
Available As Of	SAP S/4HANA 1809 FPS2

## Additional Details

### EC-PCA Balances Comparison Report

This report displays the debit amount, credit amount, and balance in both the source system and the Central Finance system for the specified G/L account, posting period, and company code. You can use this report to

compare the balances for the selected G/L accounts in the source system with the corresponding balances in the Central Finance system.

You can access this report in the SAP Easy Access under [SAP Menu](#) > [Accounting](#) > [Central Finance](#) > [Comparison Reports](#) > [Balances for Profit Center Documents](#).

## Related Information

[EC-PCA Balances Comparison Report](#)

### 3.2.2.3 Undo CO Initial Load Preparation

The new [Central Finance: Undo Preparation of CO Initial Load](#) program is available which allows you to reset the data for the SAP S/4HANA source system that you have created using the [Prepare for and Monitor the Initial Load of CO Postings](#) IMG activity. You run the deletion program for the CO initial load preparation in the [Central Finance](#) system and you can use it to reset this kind of data for a SAP S/4HANA Cloud source system, as well as for a SAP S/4HANA on-premise source system.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	FI-CF (Central Finance)
Available As Of	SAP S/4HANA 1809 FPS2

## Additional Details

Previously, it was necessary to run the [Reset Initial Load CO Preparation Data](#) (RCFIN\_DEL\_MIG\_CO) report in **the source system** to undo the preparation of a CO initial load. With the new [Central Finance: Undo Preparation of CO Initial Load](#) (FINS\_CFIN\_CO\_DEL\_MIG\_SRC) program you can delete the data that the preparation of the initial load for CO postings has created in the source system. You carry out the program in the **Central Finance system**. After you have started the program, a remote function call (RFC) into the source system results in the data being deleted in the SAP S/4HANA source system.

## Effects on Customizing

A new IMG activity *Undo Preparation of CO Initial Load* is available for Central Finance systems in the Central Finance scenario. For detailed information, please read the documentation of the IMG activity in the system.

To make configuration settings in the implementation guide (IMG) for Central Finance, you use transaction **CFINIMG** (IMG Path: ► [Central Finance](#) ► [Central Finance: Target System Settings](#) ► [Initial Load](#) ► [Initial Load Preparation for Management Accounting](#) ►)

## Related Information

[Initial Load](#)

[Reset the Initial Load and Clean Up System Data](#)

### 3.2.2.4 Enhance Standard Processing of Mapping

This feature enables you to implement your own mapping logic for mapping entities in the *Central Finance* system.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	FI-CF (Central Finance)
Available As Of	SAP S/4HANA 1809 FPS2

## Additional Details

In Central Finance, business mapping is used to map an identifier or code from the source system to the identifier or code in the Central Finance system. To each mapping entity, such as company code or cost center ID, a mapping action, such as *Mapping Obligatory*, is assigned. This combination of mapping entity and mapping action defines how the mapping information is used during the replication of journal entries from a source system to the Central Finance system.

You can implement the [Enhance Standard Mapping](#) Business Add-In (BAI) once and then use it across all replication scenarios within Central Finance. The BAI is only called, when the mapping action for a mapping entity is set to [Map if Possible](#) or [Mapping Obligatory](#).

## Effects on Existing Data

There are also other BAIs available that you can use to enhance the mapping logic in Central Finance, such as the [BAI: Enhance Standard Processing of Posting Data](#) or the [BAI: Enhance Standard Processing of CO Secondary Posting](#). If you are already using them, please make sure that the implementation of those BAIs do not contradict the implementation of this BAI.

## Effects on Customizing

The [Enhance Standard Mapping](#) Business Add-In (BAI) is available in the implementation guide (IMG). To access it, use transaction **CFINIMG** (IMG Path: ► [Central Finance](#) ► [Central Finance: Target System Settings](#) ► [BAIs: Central Finance](#) ►). For more details, please read the documentation of the IMG activity.

## Related Information

[Introduction to Data Mapping BAIs in Central Finance](#)

## 3.2.2.5 Custom Fields in Projects (WBS)

This feature enables you to replicate custom fields for projects from a source system to the Central Finance system.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	FI-CF (Central Finance)

## Additional Details

A new IDoc type `PROJECT02` is available. You have to make settings in Customizing of SAP AIF for the SAP AIF interface `PS_OBJ` in the *Define Interface Determination for IDoc Interfaces* IMG activity for the new IDoc type to be able to replicate custom fields in the *Central Projects (WBS) - Reporting Scenario*.

## Effects on Customizing

In Customizing of SAP AIF, you have to make the settings as described here: [Central Projects \(WBS\) - Reporting Scenario: Configuration in the Central Finance System](#).

## Related Information

[Central Projects \(WBS\) - Reporting Scenario About Error Handling](#)

## 3.2.2.6 Accounting View of Logistics Information (AVL) – New Functions

With these new functions, you can now use the Accounting View of Logistics Information (AVL) to replicate purchase orders from your source systems to the Central Finance system, and use the deletion report to clean up the replicated purchase orders in the Central Finance system.

## Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	FI-CF (Central Finance)

## Related Information

[Accounting View of Logistics Information \(AVL\): Overview](#)

### 3.2.2.7 MM Request-Based Down Payment

With this feature, you can do the following in your Central Finance system, instead of in your source systems:

- Post MM-related down payments with reference to a down payment request replicated from a source system (request-based).
- Carry out clearing activities for MM-related down payments and invoices separately.
- Navigate from a reference field in a source system to the down payment document in the Central Finance system.
- Use Fiori Apps for outgoing payments in the MM Request-based Down Payment scenario.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	FI-CF (Central Finance)
Available As Of	SAP S/4HANA 1809 FPS2

## Related Information

[Down Payment Integration with MM](#)

### 3.2.2.8 Down Payment Integration with SD - Enhancement

With this enhancement, you can:

- Create down payments in additional ways.
- Use more Fiori Apps in the SD Down Payment scenario.

## Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	FI-CF (Central Finance)
Available As Of	SAP S/4HANA 1809 FPS2

## Additional Details

### Additional Ways to Create Down Payments

You can now create condition-based down payments using *Bill of Exchange* and create request-based documents using *Bill of Exchange*.

### Additional Fiori Apps Available in the SD Down Payment Scenario

Fiori App	Transactions in GUI
Manage Bank Statement	FF67: Manual Account Statement
Manage Check Deposits	FF68: Manual Check Deposit Transaction
Reprocess Incoming Checks	FEBA_CHECK_DEPOSIT: Postprocessing Check Deposit Trans.
Upload Lockbox Files	FLB2: Import Lockbox File
Manage Lockbox Batches	FLB1: Postprocessing Lockbox Data

## Related Information

[Down Payment Integration with SD](#)

## 3.2.2.9 Historical Open Items - Ensure Payment and Clearing Take Place in the Central Finance System

With this feature, historical open items will be technically cleared in the source system and only open for payment in the Central Finance system.

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	FI-CF (Central Finance)
Available As Of	SAP S/4HANA 1809 FPS2

### Additional Details

Historical open items supported for this feature include open items which are on Accounts Receivable (AR), Accounts Payable (AP), cash discount clearing accounts, deferred tax accounts, and bank clearing accounts.

To set historical open items as technically cleared in the source system, you need to:

- Maintain the configuration of *Define Bank Clearing Accounts for Technical Clearing* in the source system.
- Execute the report *Set Historical Open Items as Technically Cleared* in the source system.

If you're using Central Down Payment Integration with SD, take the following actions before setting historical open items as technically cleared:

- Execute the report *Update Down Payments with Sales Order Information* in the Central Finance system.
- Execute the report *Update Relationship between Down Payments and Sales Orders* in the Central Finance system.

### Effects on Customizing

New IMG activities:

- In the Central Finance system:
  - Update Down Payments with Sales Order Information* (if you are using SD Down Payment scenario)
  - Update Relationship between Down Payments and Sales Orders* (if you are using SD Down Payment scenario)

(IMG Path: run transaction `CFINIMG` and go to [▶ Central Finance: Target System Settings](#) [▶ Central Payment](#) [▶ Handling of Historical Open Items](#) [▶](#).)

- In the source system:

*Define Bank Clearing Accounts for Technical Clearing* (if historical open items are on bank clearing accounts)

*Set Historical Open Items as Technically Cleared*

(IMG Path: run transaction `CFINIMG` and go to [▶ Central Finance: Source System Settings](#) [▶ Settings for Central Payment](#) [▶ Handling of Historical Open Items](#) [▶](#).)

## Related Information

[Historical Open Items – Ensuring Payment and Clearing Takes Place in Central Finance System](#)

### 3.2.2.10 Replication of Documentation Changes Triggered by Dunning Run

#### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	FI-CF(Central Finance)
Available As Of	SAP S/4HANA 1809 FPS02

#### Additional Details

As of SAP S/4HANA 1809 FPS2, documentation changes triggered by dunning runs can now be replicated to Central Finance as part of the online replication of data.

## 3.2.2.11 SAP Menu for Central Finance

This feature enables you to directly access the functions that you perform regularly when using Central Finance.

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	FI-CF (Central Finance)
Available As Of	SAP S/4HANA 1809 FPS2

### Additional Details

A new SAP Menu for Central Finance is available. You can access it in SAP Easy Access under [SAP Menu](#) > [Accounting](#) > [Central Finance](#). It contains functions that you use frequently during your daily business in Central Finance for the following areas:

- Mapping  
Contains the functions that you use for business mapping.

Transaction	Function
<a href="#">FINS_CFIN_MAP_MANAGE</a>	Manage Mappings
<a href="#">FINS_CFIN_MAP_LOG</a>	Manage Mappings Log
<a href="#">FINS_CFIN_KM_AUDIT</a>	History of Key Mappings
<a href="#">MDG_KM_MAINTAIN</a>	Maintain Key Mappings
<a href="#">CFIN_CO_MAPPING_ADM</a>	Display Cost Object Mapping
<a href="#">FINS_CFIN_MAP_REL</a>	Display Mapping Relationship

- Consistency Checks  
Contains the function that you use to check the configuration consistency between a source system and the Central Finance system.

Transaction	Function
<a href="#">FINS_CFIN_CC</a>	Configuration Consistency Check

- Comparison Reports  
Contains the functions that you use to ensure the correctness of data that you have replicated from a source system to the Central Finance system.

Transaction	Function
<a href="#">FINS_CFIN_DFV_FI_NUM</a>	Count of Journal Entries
<a href="#">FINS_CFIN_DFV_FI_DOC</a>	G/L Account Line Items
<a href="#">FINS_CFIN_DFV_FI_BAL</a>	G/L Account Balances
<a href="#">FINS_CFIN_DFV_CLR</a>	FI Clearing Status of Document Line Items
<a href="#">FINS_CFIN_DFV_CO_NUM</a>	Count of CO Documents
<a href="#">FINS_CFIN_DFV_CO_DOC</a>	Line Items for Cost Elements
<a href="#">FINS_CFIN_DFV_CO_BAL</a>	Balances for Cost Elements
<a href="#">FINS_CFIN_DFV_CMTDOC</a>	Line Items for Commitments in CO
<a href="#">FINS_CFIN_DFV_CMTNUM</a>	Count of Line Items for Commitments in CO
<a href="#">FINS_CFIN_DFV_PCA_BA</a>	Balances for Profit Centers
<a href="#">FINS_CFIN_DFV_PCA_CN</a>	Count of Profit Center Documents
<a href="#">CFIN_CPAY_SEPA_REC</a>	SEPA Mandates

- Error Handling  
Contains that functions that you use to correct errors that occurred during initial load or ongoing replication of journal entries.

Transaction	Function
<a href="#">FINS_CFIN_AIF_ERR</a>	Monitoring and Error Handling
<a href="#">FINS_CFIN_AIF_ERRWEB</a>	Monitoring and Error Handling (Web)
<a href="#">FINS_CFIN_AIF_IFMON</a>	Interface Monitor
<a href="#">FINS_CFIN_AIF_SETUP</a>	Setup for Central Finance
<a href="#">CFIN_CO_DOC_CRCT</a>	Reverse and Repost CO Documents

The SAP Menu for Central Finance is delivered starting from the following releases:

- SAP S/4HANA 1809 FPS2
- SAP S/4HANA 1709 SP 04
- SAP S/4HANA 1610 SP 06

## Related Information

[Introduction to Data Mapping](#)  
[Configuration Consistency Check](#)  
[Comparison Reports](#)

## 3.3 Treasury Management

### 3.3.1 Cash and Liquidity Management

#### 3.3.1.1 Bank Statement Monitor - Intraday


You can now use the [Bank Statement Monitor - Intraday](#) app to monitor the overall import status of intraday bank statements on a specified date and examine the import details for each appointment time slot based on the bank statement date and time.

#### Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	J78 (Advanced Cash Operations)
Application Component	FIN-FSCM-CLM-BAM
Available As Of	SAP S/4HANA 1809 FPS02

#### Additional Details

The following changes are included in this release:

- The distinction between accounts that have a recurring schedule for intraday bank statements and the accounts that receive intraday bank statements only when transactions occur is no longer considered. Instead, a monitoring rule is required for all bank accounts that are set to be monitored for intraday bank statements.  
Consequently, if you have opted to monitor a bank account, you must assign at least one monitoring rule to the bank account either at bank level or at bank account level. For more information about how to assign the monitoring rules to bank accounts, see [Bank Statement Monitor - Intraday](#).
- A new [Alert Setting](#) dialog box has been added to the  ([Me Area](#)). You set the alert setting to define when unfulfilled appointments are shown in red instead of orange. In this field, specify the number of consecutive unfulfilled appointments to trigger an alert status. You can enter a positive integer that ranges from 1 to 1440.

- The definition and meaning of the overall import status has been changed. The status *Error* has been changed to *Alert*. The table below explains the changes:

Status	Meaning in SAP S/4HANA 1809 FPS01	Meaning in SAP S/4HANA 1809 FPS02
Success	The number of imported intraday bank statements has reached the expected number.	On the chart, all appointments before the current system time are marked in green.  The green color suggests that each appointment defined on the specified date has been fulfilled, meaning that an intraday bank statement has been imported and its statement date and time match the time slot of the appointment.
Warning	This status is only valid for bank accounts whose intraday bank statements are sent only when transactions occur.  The app monitors these accounts on a daily basis. The system displays the warning status for these bank accounts from the beginning of the day until the first intraday bank statement is imported for that day.	On the chart, at least one appointment before the current system time is marked in orange but none of them is marked in red.  An appointment is orange when no intraday bank statement has been imported for this appointment, meaning that there is no intraday bank statement for which the statement date and time match the defined time slot.
Error (1809 FPS01) Alert (1809 FPS02)	The number of imported intraday bank statements is different from the expected number.	On the chart, at least one appointment before the current system time is marked in red. Whether appointments are marked in red depends on your alert setting.

## Effects on Customizing

As now the import status is evaluated by the bank statement date and time, it is important to ensure the time zone setting of your monitoring rules. Please review your monitoring rules to make sure you set the right time zone for the rules as per the time zone of the banks or bank accounts the rules are assigned to. Otherwise, the system may fail to make a right judgement whether intraday bank statements are imported in time due to incorrect time zone settings.

## Related Information

[Define Monitoring Rules - Intraday Statements](#)

## 3.3.1.2 Create Cash Request

With this feature, you can now create a cash request for a specific financial instrument which will automatically trigger the creation of trade requests in the treasury and risk management systems. An approval process is also available for you to manage the status of the cash request.

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	
Application Component	FIN-FSCM-CLM-COP
Available As Of	SAP S/4HANA 1809 FPS02

### Effects on Customizing

### Related Information

[Create Cash Requests](#)  
[Manage Memo Records](#)

## 3.3.2 Payments and Bank Communication

### 3.3.2.1 Advanced Payment Management

This feature enables you to centralize all payment activities of a corporate group. This allows the group to decide centrally how a payment is to be executed.

The feature integrates with other areas within S/4HANA such as In-House Cash, Cash Management, Bank Communication Management, Bank Account Management, and General Ledger.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	FIN-FSCM-PF
Available As Of	SAP S/4HANA 1809 FPS02

## 3.3.3 Treasury and Risk Management

### 3.3.3.1 Hedge Management and Accounting

#### 3.3.3.1.1 New Hedging Scenario for Net Investment Hedges (U.S. GAAP)

With this feature, you can use the new hedging scenario 990 *NIH: FX-Risk with Spot, Forward*. This scenario enables you to perform hedge accounting for a fair value hedge of a foreign investment, such as an FGB position, using FX forward transactions as hedging instruments. For this scenario, you can apply the automated designation process, which automatically designates hedging instruments into a hedging relationship when the financial transaction is saved. The classification and reclassification process of designated hedging relationships as well as the dedesignation process are supported. The new scenario is delivered with the hedge accounting calculation rule 641 *Des. Comp.: Spot / Non-Des. Comp.: Forward*.

## Technical Details

Type	New
Available In	Available in all countries/regions
Application Component	FIN-FSCM-TRM
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

With the hedge accounting rule 641 *Des. Comp.: Spot / Non-Des. Comp.: Forward*, the following occurs:

- A change in the amount of the actual value of the spot component (NPV\_SPOT) is posted to the P/L effective amount (designated components).
- A change in the amount of the actual value of the forward component (NPV\_FORWARD) is posted to the P/L effective amount (non-designated components).

### i Note

The HA rule 641 *Des. Comp.: Spot / Non-Des. Comp.: Forward* is used in the following hedging scenarios:

- 941 *FVH: FX-Risk with Spot, Forward*
- 990 *NIH: FX-Risk with Spot, Forward*

To use the new scenario, you must set up new hedging profiles and hedging classifications and assign them to the relevant hedging areas. For more information about the settings relevant for *Hedge Accounting for Exposure Items*, see the product assistance at [http://help.sap.com/s4hana\\_op\\_1809.002](http://help.sap.com/s4hana_op_1809.002) under ► *Finance* ► *Treasury Management* ► *Treasury and Risk Management* ► *Hedge Management and Accounting* ► *Hedge Management* ► *Hedge Management and Accounting of Net Open Exposures* ► *Hedge Accounting for Exposure Items* ► *Settings for Hedge Accounting for Exposure Items* ►.

## See Also

For more information about the *Hedge Accounting for Exposure Items* process, see the product assistance at [http://help.sap.com/s4hana\\_op\\_1809.002](http://help.sap.com/s4hana_op_1809.002) under ► *Finance* ► *Treasury Management* ► *Treasury and Risk Management* ► *Hedge Management and Accounting* ► *Hedge Management* ► *Hedge Management and Accounting of Net Open Exposures* ► *Hedge Accounting for Exposure Items* ►.

### i Note

You can also access the product assistance of *Treasury and Risk Management* using the new quick link [help.sap.com/S4\\_OP\\_TRM](http://help.sap.com/S4_OP_TRM) to jump straight to the latest version in SAP S/4HANA .

## Related Information

[Additional Settings in the Hedge Accounting Calculation Type \[page 36\]](#)

[End-of-Day Designation \[page 38\]](#)

[Display Effectiveness Test Results \[page 39\]](#)

### 3.3.3.1.2 Additional Settings in the Hedge Accounting Calculation Type

With this feature, you can use new settings in the hedge accounting calculation type. The new setting for hedging relationships using FX options as the hedging instrument influences the dates of the hypothetical derivative if a due date shift has been defined in the hedging area.

#### Technical Details

Type	Changed
Available In	Available in all countries/regions
Application Component	FIN-FSCM-TRM
Available As Of	SAP S/4HANA 1809 FPS02

#### Additional Details

##### Sign of Elements

At the release of designation of hedging relationships, the system calculates the elements (hedge accounting key figures `ELEM_FWD`, `ELEM_CCBS`, `ELEM_OTHER`). The actual element (hedging instrument) and the aligned element (hypothetical derivative) are used in the determination of the posting logic (hedge accounting calculation rule). This setting controls whether the sign of the elements calculated at release of designation is influenced by the sign of the nominal amount.

- Absolute Amount of Nominal  
The sign of the nominal amount does not impact the sign of the elements.
- Consider Sign of Nominal  
The sign of the nominal amount impacts the sign of the elements.

##### FX Option: Dates of Hypothetical Derivative

This setting controls how the dates of the hypothetical derivative are determined in the case of FX options used as hedging instruments. The hypothetical derivative has the following dates:

- Start Date  
The start date of the hypothetical derivative is the designation date.
- Exercise Date  
If no shifts are defined in the hedging area, the exercise date of the hypothetical derivative is the exercise date of the hedging instrument.
- Value Date  
Due date of the underlying of the hedging instrument.

If a due date shift or a payment term for an extended period for the hypothetical derivative have been defined in the hedging area, the exercise date and the value date of the hypothetical derivative are also affected. In the

case of a combination, the due date shift is applied first and the payment term shift afterwards. Depending on the setting in this field, the exercise date and the value date of the hypothetical derivative are determined in the following ways:

- **Default**  
The due date shift is relevant for either the exercise date or the value date of the underlying, depending on the setting *Date to Determine Exposure Item for FX Option* in the hedging area. The due date shift is applied to the corresponding date of the hypothetical derivative. The other date is shifted in parallel by the same number of days.  
**Exception:** If the relevant date is the value date of the underlying and the underlying will be designated into the hedging relationship, the exercise date is not shifted.
- **Shift Only Value Date of Underlying**
  - The exercise date of the hypothetical derivative is not shifted.
  - Shift of the value date of the hypothetical derivative:
    - If the due date shift is relevant for the value date of the underlying, the value date of the hypothetical derivative is shifted in the same way.
    - If the due date shift is relevant for the exercise date, the value date of the hypothetical derivative is shifted to the date to which the exercise date would be shifted.  
**Exception:** If the shift results in a value date that is earlier than the exercise date, the parallel shift of the default setting is performed instead.

## Effects on Customizing

The Customizing activity *Define Hedge Accounting Calculation Types* has been enhanced by two new fields: *Sign of Elements* and *FX Option: Dates of Hypothetical Derivative*.

## See Also

For more information about the *Hedge Accounting Calculation Type*, see the product assistance of Treasury and Risk Management at [http://help.sap.com/s4hana\\_op\\_1809.002](http://help.sap.com/s4hana_op_1809.002) under ► *Finance* ► *Treasury Management* ► *Treasury and Risk Management* ► *Hedge Management and Accounting* ► *Hedge Management* ► *Hedge Management and Accounting of Net Open Exposures (FX Risk)* ► *Hedge Accounting for Exposure Items* ► *Automated Designation Process* ► *Release Hedging Business Transactions* ► *Hedge Accounting Key Figures* ►, where you find a section about the hedge accounting calculation type.

### i Note

You can also access the product assistance of *Treasury and Risk Management* using the new quick link [help.sap.com/S4\\_OP\\_TRM](http://help.sap.com/S4_OP_TRM) to jump straight to the latest version in SAP S/4HANA .

### 3.3.3.1.3 End-of-Day Designation

With this feature, you can postpone the automated designation of your hedging instruments until the end of the day. In this case, the automated designation is not started when the hedging instrument is saved. Instead, you start the automated designation of the financial transactions at the end of the day using the program *Reprocess Financial Instruments for Automated Designation* function. This enables you to take several snapshots per day with the day-reference indicator. Only after you have taken the last snapshot of the day do you trigger the end-of-day designation for all hedging instruments of the day.

#### Technical Details

Type	Changed
Available In	Available in all countries/regions
Application Component	FIN-FSCM-TRM
Available As Of	SAP S/4HANA 1809 FPS02

#### Additional Details

- You enable the end-of-day designation in the Customizing activity *Define Designation Types*, where you set the *End-of-Day Designation* indicator for the designation type. In addition, you must assign the designation type on the *Hedge Accounting II* tab in the hedging area for a combination of differentiation criteria.

##### i Note

All designation types relevant for a hedging area must have the same settings concerning designation. They all provide either for end-of-day designation or for immediate designation.

- You can run the program *Reprocess Financial Instruments for Automated Designation* for end-of-day designation in batch processing.

#### Effects on Customizing

The Customizing activity *Define Designation Types* has been enhanced by the new indicator *End-of-Day Designation*.

## See Also

For more information about *End-of-Day Designation*, see the product assistance of *Treasury and Risk Management* on [http://help.sap.com/s4hana\\_op\\_1809.002](http://help.sap.com/s4hana_op_1809.002) under [▶ Finance ▶ Treasury Management ▶ Treasury and Risk Management ▶ Hedge Management and Accounting ▶ Hedge Management ▶ Hedge Management and Accounting of Net Open Exposures \(FX Risk\) ▶ Hedge Accounting for Exposure Items ▶ Automated Designation Process ▶ End-of-Day Designation ▶](#).

### i Note

You can also access the product assistance of *Treasury and Risk Management* using the new quick link [help.sap.com/S4\\_OP\\_TRM](http://help.sap.com/S4_OP_TRM) to jump straight to the latest version in SAP S/4HANA .

## 3.3.3.1.4 Display Effectiveness Test Results

With this feature, you can use the *Display Effective Test Results* function (transaction TPM112) to get detailed information about effectiveness test results and the hedging instruments of hedging relationships.

### Technical Details

Type	Changed
Available In	Available in all countries/regions
Application Component	FIN-FSCM-TRM
Available As Of	SAP S/4HANA 1809 FPS02

### Additional Details

If effectiveness testing is active for your hedging profiles and hedging areas, a prospective effectiveness test is executed automatically during the release of designation. Using this program, you can display the results of these effectiveness tests. In addition, details for the hedging instruments are shown, and you can navigate to the hedging relationship as well as to the hedge documentation.

This program is available in the area menu under [▶ Hedge Accounting for Positions ▶ Effectiveness Test ▶ Display Effectiveness Test Results ▶](#) (transaction TPM112).

## See Also

For more information about *Display Effectiveness Test Results* function, see the product assistance of Treasury and Risk Management on [http://help.sap.com/s4hana\\_op\\_1809.002](http://help.sap.com/s4hana_op_1809.002) under ► *Finance* ► *Treasury Management* ► *Treasury and Risk Management* ► *Hedge Management and Accounting* ► *Hedge Management* ► *Hedge Management and Accounting of Net Open Exposures (FX Risk)* ► *Hedge Accounting for Exposure Items* ► *Display Effectiveness Test Results* ►.

### i Note

You can also access the product assistance of *Treasury and Risk Management* using the new quick link [help.sap.com/S4\\_OP\\_TRM](http://help.sap.com/S4_OP_TRM) to jump straight to the latest version in SAP S/4HANA .

## 3.4 Commodity Risk Management

### 3.4.1 FIX Message Parser

For the electronic communication between a company and the broker, the widely-used standard protocol FIX (Financial Information Exchange) format is now supported. With this feature you can easily connect to a FIX engine by producing outbound FIX messages, and also process inbound FIX messages.

It should be noted that SAP only provides a solution that creates/handles messages that could be used by a FIX engine, and does not provide a FIX engine itself nor a preconfigured connection to a FIX engine.

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	FIN-FSCM-CMM
Available As Of	SAP S/4HANA 1809 FPS02

### Related Information

[FIX Messages](#)

## 3.4.2 BAPIs for Commodity Derivatives Include Free Characteristics

This feature enables you to provide, change and access financial object analysis parameters from the BAPIs for commodity derivatives (CREATE, CHANGE, and GETDETAILS BAPIs). With regard to free characteristics, such as, for example, 'Strategy' or 'Portfolio', it allows the creation of commodity derivatives via an interface and provides the values to *Commodity Risk Analytics* where the data can be sliced and diced by leveraging free characteristics.

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	FIN-FSCM-TRM-CRM
Available As Of	SAP S/4HANA 1809 FPS02

### Related Information

[BAPIs for Commodity Derivatives](#)

## 3.5 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 95\]](#).

# 4 Manufacturing

## 4.1 Quality Management

### 4.1.1 Track Actions for FMEAs

This feature enables you to select actions for certain *Failure Mode and Effects Analysis* (FMEAs) in the FMEA monitor or identify the FMEA to which an action belongs from the list of actions. This option increases the user-friendliness of the tracking of FMEA actions in the FMEA monitor.

#### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	QM-PT-FA
Available As Of	SAP S/4HANA 1809 FPS02

#### Additional Details

For more information, see SAP Note [2664433](#).

This feature is downported to SAP S/4HANA 1511 FPS08.

#### Effects on Customizing

To activate this feature, make the setting in Customizing for *Quality Management* under **Basic Settings** **Maintain Settings at Client Level**. In the *Further Settings* section, for the business process *FMEA Processing*, activate the switch *FMEA-Monitor: Enhanced Selection Criteria for Actions*.

## 4.1.2 Sign and Complete Audit in One Step

This feature enables you to automatically set the status of the audit to *Completed* when you select the option to sign an audit.

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	QM-PT-FA
Available As Of	SAP S/4HANA 1809 FPS02

### Additional Details

For more information, see SAP Note [2694780](#).

This feature is downported to SAP S/4HANA 1511 FPS08.

### Effects on Customizing

To activate this feature, set the following parameter in your profile: `PLM_AUDIT_SIGN_COMPL = X`.

## 4.1.3 FMEA Objects Displayed as Search Criteria

With this feature, *Failure Mode and Effects Analysis* (FMEA) objects are displayed as search criteria based on the selected FMEA type. FMEA Object, Value of FMEA Object, Description of Object Value, FMEA Object Value columns are displayed in the search result list.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	CA-AUD
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

For more information, see SAP Note [2668977](#).

This feature is downported to SAP S/4HANA 1511 FPS08.

## 4.1.4 Exclude Elements While Creating Audits Using Templates

This feature enables you to determine the elements that you want to copy and to exclude the structure nodes that you do not want to copy when you create an audit or FMEA with a template.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	CA-AUD
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

For more information, see SAP Note [2733569](#).

This feature is downported to SAP S/4HANA 1511 FPS08.

## 4.2 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 95\]](#).

# 5 R&D/Engineering

## 5.1 Enterprise Portfolio and Project Management

### 5.1.1 Project Financial Control

#### 5.1.1.1 Display Administration Dates for Activities and Activity Elements

With this feature, you can now enable the system to display the following administration dates at the network activity level:

- Created On
- Changed On
- Created By
- Changed By

You can enable this by implementing method `IF_PS_FUNCTION_SWITCH~GET_SWITCH` of `BAdI PS_FUNCTION_SWITCH`.

`SWITCH_VALUES-DATES_ACTIVITY_ELEMENTS = X`

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	PS-IS-LOG
Available as of	<ul style="list-style-type: none"><li>• SAP S/4HANA 1809 FPS02</li><li>• SAP S/4HANA 1709 SPS04</li><li>• SAP S/4HANA 1610 SPS06</li><li>• SAP S/4HANA 1511 SPS08</li></ul>

### Additional Details

For more information, see SAP Notes [2637960](#), [2685848](#), and [2679492](#)

## 5.1.1.2 Addition of Selection Fields in Transaction CN60

On the selection screen of transaction CN60 of the Project System, you can now:

- Restrict the results to the fields that you select by making an entry in the *Field Name* field. For example, for a project, you want to see the change documents only for the field `ASTNR`.
- Use the *Layout* field to determine a layout for the result list. Layout can also be stored within a selection variant.

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	PS-IS-LOG
Available as of	<ul style="list-style-type: none"><li>• SAP S/4HANA 1809 FPS02</li><li>• SAP S/4HANA 1709 SPS04</li><li>• SAP S/4HANA 1610 SPS06</li><li>• SAP S/4HANA 1511 SPS08</li></ul>

### Additional Details

For more information, see SAP Note [2629728](#) 

## 5.1.1.3 Prevent Profit Center Change on Network Activities After Actual Postings

You cannot change the profit center of a network activity for which actual cost postings are done. This is required as transaction data either already exists for the account assignment object or could exist at the time when the change takes effect in the system. Changing the profit center in this instance can lead to inconsistencies in Financial Accounting.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	PS-IS-LOG
Available as of	<ul style="list-style-type: none"><li>• SAP S/4HANA 1809 FPS02</li><li>• SAP S/4HANA 1709 SPS04</li><li>• SAP S/4HANA 1610 SPS06</li><li>• SAP S/4HANA 1511 SPS08</li></ul>

## Additional Details

For more information, see SAP Notes [2626286](#) and [2686619](#).

### 5.1.1.4 Enable Milestone Copy During Activity Copy

You can enable this by implementing method `IF_PS_FUNCTION_SWITCH~GET_SWITCH` of `BAdI PS_FUNCTION_SWITCH`.

`SWITCH_VALUES-COPY_MILESTONE = X`.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	PS-IS-LOG
Available as of	<ul style="list-style-type: none"><li>• SAP S/4HANA 1809 FPS02</li><li>• SAP S/4HANA 1709 SPS04</li><li>• SAP S/4HANA 1610 SPS06</li><li>• SAP S/4HANA 1511 SPS08</li></ul>

## Additional Details

For more information, see SAP Notes [2684888](#) and [2624966](#).

### 5.1.1.5 Validation of Activity Fields Based on System or User Status During Save

The system is enabled such that during a save, the fields for objects in the project system are set based on the system or user status.

#### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	PS-IS-LOG
Available as of	<ul style="list-style-type: none"><li>• SAP S/4HANA 1809 FPS02</li><li>• SAP S/4HANA 1709 SPS04</li><li>• SAP S/4HANA 1610 SPS06</li><li>• SAP S/4HANA 1511 SPS08</li></ul>

## Additional Details

For more information, see SAP Note [2636724](#).

### 5.1.1.6 Cancel Network Activity Confirmation Through Project Builder and Project Planning Board

You can enable this by implementing method `IF_PS_FUNCTION_SWITCH~GET_SWITCH` of `BAdI PS_FUNCTION_SWITCH`.

`SWITCH_VALUES-CANCEL_NET_CONFIRMATION = x`.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	PS-IS-LOG
Available as of	<ul style="list-style-type: none"><li>• SAP S/4HANA 1809 FPS02</li><li>• SAP S/4HANA 1709 SPS04</li><li>• SAP S/4HANA 1610 SPS06</li><li>• SAP S/4HANA 1511 SPS08</li></ul>

## Additional Details

For more information, see SAP Notes [2679337](#) and [2684924](#).

### 5.1.1.7 Display Name of WBS-Element in Network Graphic Screen

The system is enabled to display the description of the WBS element in the network graphics when the activities are grouped by WBS elements.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	PS-IS-LOG
Available as of	<ul style="list-style-type: none"><li>• SAP S/4HANA 1809 FPS02</li><li>• SAP S/4HANA 1709 SPS04</li><li>• SAP S/4HANA 1610 SPS06</li><li>• SAP S/4HANA 1511 SPS08</li></ul>

## Additional Details

For more information, see SAP Notes [2685046](#) and [2628797](#).

### 5.1.1.8 Display of Source Network Template for Activity Copy

You can enable this by implementing method `IF_PS_FUNCTION_SWITCH~GET_SWITCH` of `BAdI_PS_FUNCTION_SWITCH`.

`SWITCH_VALUES-TEMPLATE_ACTIVITY_DISPLAY = X`.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	SAP_APPL
Available as of	<ul style="list-style-type: none"><li>• SAP S/4HANA 1809 FPS02</li><li>• SAP S/4HANA 1709 SPS04</li><li>• SAP S/4HANA 1610 SPS06</li><li>• SAP S/4HANA 1511 SPS08</li></ul>

## Additional Details

For more information, see SAP Notes [2639235](#) and [2678761](#).

### 5.1.1.9 Possibility to Delete a Released Network

The system is enabled such that it is possible to delete a Network that is in *Released* status.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	PS-IS-LOG
Available as of	<ul style="list-style-type: none"><li>• SAP S/4HANA 1809 FPS02</li><li>• SAP S/4HANA 1709 SPS04</li><li>• SAP S/4HANA 1610 SPS06</li><li>• SAP S/4HANA 1511 SPS08</li></ul>

## Additional Details

For more information, see SAP Notes [2601970](#) and [2685239](#).

### 5.1.1.10 Activate User Fields for Project Definition

You can enable this by implementing method `IF_PS_FUNCTION_SWITCH~GET_SWITCH` of `BAdI PS_FUNCTION_SWITCH`.

`SWITCH_VALUES-PROJ_DEFN_USER_FIELDS = x`.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	PS-IS-LOG
Available as of	<ul style="list-style-type: none"><li>• SAP S/4HANA 1809 FPS02</li><li>• SAP S/4HANA 1709 SPS04</li><li>• SAP S/4HANA 1610 SPS06</li><li>• SAP S/4HANA 1511 SPS08</li></ul>

## Additional Details

For more information, see SAP Note [2623601](#) and [2636018](#).

### 5.1.1.11 Enhancements to Transaction CNMASSTATUS

In transaction `CNMASSTATUS`, there is an option to display a list of selected objects and the system allows you to select from the list before changing the status.

#### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	PS-IS-LOG
Available as of	<ul style="list-style-type: none"><li>• SAP S/4HANA 1809 FPS02</li><li>• SAP S/4HANA 1709 SPS04</li><li>• SAP S/4HANA 1610 SPS06</li><li>• SAP S/4HANA 1511 SPS08</li></ul>

## Additional Details

For more information, see SAP Note [2646218](#).

## 5.1.2 SAP Portfolio and Project Management

### 5.1.2.1 Display Full Name in Lock Message

This feature enables you to display the full name of the user along with the user name in the lock message. The full name makes it easier for the end user to identify the person who has locked the object.

## Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	PPM-PPM (Portfolio Management) PPM-PRO (Project Management)
Available As Of	SAP S/4HANA 1809 FPS02 SAP S/4HANA 1709 SPS04

## Effects on Customizing

To activate this feature, make the following setting in Customizing for *SAP Portfolio and Project Management* under ► *Portfolio Management* ► *Global Customizing* ► *Global Settings* ► *Override Default Global Settings* or ► *Project Management* ► *Basic Settings* ► *Override Default Global Settings*:

Area	Setting Name	Description	Setting Value
0006	0050	Display Full Name in error message ('X'=Yes, ''=No)	X

## More Information

For more information, see SAP Notes [2668138](#) and [2635259](#).

### 5.1.2.2 Portfolio Management

#### 5.1.2.2.1 Display Resource Availability in Staffing Overview

This feature enables you to view the remaining availability of resources in the *Staffing Overview* in Resource Management.

## Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	PPM-PPM (Portfolio Management)
Available As Of	SAP S/4HANA 1809 FPS02 SAP S/4HANA 1709 SPS04

## Effects on Customizing

To activate this feature, make the following setting in Customizing for *SAP Portfolio and Project Management* under [▶ Portfolio Management](#) [▶ Global Customizing](#) [▶ Global Settings](#) [▶ Override Default Global Settings](#) [▶](#):

Area	Setting Name	Description	Setting Value
0006	0053	Show Remaining Availability of Resource in Staffing Overview (Yes='X', No=' ')	X

## More Information

For more information, see:

- SAP Note [2670474](#)
- [Staffing Overview](#)

### 5.1.2.2.2 Financial/Capacity Planning Considers Planned Dates of Portfolio Object

With this feature, you can ensure that planned dates are considered in financial and capacity planning of portfolio objects like items, initiatives, and buckets.

## Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	PPM-PPM (Portfolio Management)
Available As Of	SAP S/4HANA 1809 FPS02 SAP S/4HANA 1709 SPS04

## Additional Details

Note that this feature is only supported if you use the SAP List Viewer (ALV) to display your financial and capacity planning data.


## Effects on Customizing

To activate this feature, make the following setting in Customizing for *SAP Portfolio and Project Management* under **► Portfolio Management ► Global Customizing ► Global Settings ► Override Default Global Settings** 

Area	Setting Name	Description	Setting Value
0006	0057	Consider planned dates in Financial/Capacity planning ('X'=Yes, ''=No)	X

## More Information

For more information, see:

- SAP Note [2656012](#) 
- [Financial and Capacity Planning](#)
- [Distribution for Financial Planning](#)
- [Distribution for Capacity Planning](#)


## 5.1.2.2.3 Deactivate Aggregation Function in ALV Dashboard for Financial and Capacity Planning

This feature enables you to deactivate the aggregation function in the SAP List Viewer (ALV) dashboard for financial and capacity planning. As a result, values are no longer summed up per view, and the top dashboard row, which otherwise aggregates values across all views, is no longer displayed.

### Technical Details


Type	Changed
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	PPM-PPM (Portfolio Management)
Available As Of	SAP S/4HANA 1809 FPS02 SAP S/4HANA 1709 SPS04

### Effects on Customizing

To deactivate the aggregation function, make the following setting in Customizing for *SAP Portfolio and Project Management* under **Portfolio Management > Global Customizing > Global Settings > Override Default Global Settings** 

Area	Setting Name	Description	Setting Value
0006	0049	Hide Aggregation Function in Financial/Capacity ALV Dashboard ('X'=Yes, ''=No)	X

### More Information

For more information, see SAP Note [2637230](#) .

## 5.1.2.2.4 Display Both Name and ID of Subobject for Financial and Capacity Planning

This feature enables you to display either both the name and ID of a subobject, or only the subobject name for Financial and Capacity Planning.

### Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	PPM-PPM (Portfolio Management)
Available As Of	SAP S/4HANA 1809 FPS02 SAP S/4HANA 1709 SPS04


### Effects on Customizing

To activate this feature, make the following setting in Customizing for *SAP Portfolio and Project Management* under **► Portfolio Management ► Global Customizing ► Global Settings ► Override Default Global Settings** 

Area	Setting Name	Description	Setting Value
0006	0051	Include Sub-Objects – Display Name or Both Name and ID (Name = ' ', Both = 'X')	X

### More Information

For more information, see:

- SAP Note [2645842](#) 
- [Usage of Financial Planning](#)
- [Usage of Capacity Planning](#)


## 5.1.2.2.5 Display Last Used Items and Last Used Initiatives

This feature enables you to view the last used items in the items dashboard and last used initiatives in the initiatives dashboard. The system is provided with respective tabs to view the same. These tabs are user-specific and enable you to list the last items or initiatives that you have worked on.


### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	PPM-PEM (Portfolio Management)
Available As Of	SAP S/4HANA 1809 FPS02 SAP S/4HANA 1709 SPS04

### Effects on Customizing

- To activate this feature, make the following settings in Customizing for *SAP Portfolio and Project Management* under [Portfolio Management](#) > [Global Customizing](#) > [Global Settings](#) > [Override Default Global Settings](#) :

Area	Setting Name	Description	Setting Value
0006	0058	'Last Used Items' tab in Item Dashboard ( 'X'= On , ' '= Off)	X
0006	0059	'Last Used Initiatives' tab in Initiative Dashboard ( 'X'= On , ' '= Off)	X

- To alter the number of objects to be displayed in the tabs, make the following settings in Customizing for *SAP Portfolio and Project Management* under [Portfolio Management](#) > [Global Customizing](#) > [Global Settings](#) > [Override Default Global Settings](#) :

Area	Setting Name	Description	Setting Value
0007	0055	Maximum No of Items to be Displayed in 'Last Used Items'	1 to n (maximum number of items in items dashboard)

Area	Setting Name	Description	Setting Value
0007	0056	Maximum No of Initiatives to be Displayed in 'Last Used Initiatives'	1 to n (maximum number of initiatives in initiatives dashboard)

## More Information

For more information, see:

- SAP Note [2672512](#)
- [Dashboard in Portfolio Management](#)

### 5.1.2.2.6 Automatically Generated ID of Portfolio Objects Set to Read-Only

This feature enables you to set the *ID* field for the automatically generated ID of portfolio objects to **read-only**. This is required because the IDs should not be changed manually when you use number generation.

## Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	PPM-PPM (Portfolio Management)
Available As Of	SAP S/4HANA 1809 FPS02 SAP S/4HANA 1709 SPS04

## Effects on Customizing

To activate this feature, make the following setting in Customizing for *SAP Portfolio and Project Management* under **► Portfolio Management ► Global Customizing ► Global Settings ► Override Default Global Settings** 

Area	Setting Name	Description	Setting Value
0006	0052	Set Generated ID of Portfolio Objects to Read-Only ('X'=Yes, ''=No)	X

## More Information

For more information, see SAP Note [2647942](#).

### 5.1.2.2.7 Display Project Button Immediately After Creation of Project

This feature ensures that in portfolio items, the *Project* button for accessing project details is available immediately after a project has been created for an item.

## Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	PPM-PPM (Portfolio Management)
Available As Of	SAP S/4HANA 1809 FPS02 SAP S/4HANA 1709 SPS04

## More Information

For more information, see SAP Note [2645787](#).

## 5.1.2.2.8 Copy Mapping of Item Types to Project Templates from One System to Another

With this feature, you can copy your Customizing settings for *Item Type to Project Templates* mapping and *Decision Points to Project Phases* mapping from one system to another.

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	PPM-PPM (Portfolio Management)
Available As Of	SAP S/4HANA 1809 FPS02 SAP S/4HANA 1709 SPS04

### Additional Details

You define this mapping in Customizing for *SAP Portfolio and Project Management* under [► Portfolio Management](#) [► Global Customizing](#) [► Portfolio-Independent Settings](#) [► Map Item Type to Project or PS](#) [►](#) By using the report `/RPM/CUST_PRJ_TMPL_COPY`, you can copy your settings from one system to another. The report needs to be executed in the source system.

#### **i** Note

This report is applicable only for the mapping of item types to project templates in Project Management. It does not copy the mapping of item types to project types, PS projects, or PS profiles.

#### **⚠** Caution

The Customizing changes in the destination system are not logged using standard Customizing tools, such as a Customizing transport. If you implement SAP Note 2764354, you can ensure that they are recorded in the application log (transaction SLG1) for object RPM\_INTEGRATION, sub-object COPY\_CUST in the destination system.

### More Information

For more information, see:

- SAP Note [2637288](#)
- SAP Note [2764354](#)
- The documentation for report `/RPM/CUST_PRJ_TMPL_COPY`

## 5.1.2.3 Project Management

### 5.1.2.3.1 Suppress or Restrict Sending of E-Mails from Workflows

This feature enables you to suppress or restrict sending of e-mails from workflows that are triggered by status changes in project definitions, checklist items, phases, and tasks.

#### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	PPM-PRO (Project Management)
Available As Of	SAP S/4HANA 1809 FPS02 SAP S/4HANA 1709 SPS04

#### Additional Details

You can use this feature for workflows that are based on the following business objects in SAP Portfolio and Project Management:

- BUS2172 - Project definition
- BUS2173 - Phase in the operational project
- BUS2174 - Checklist item in the operational project
- BUS2175 - Task in the operational project

#### Effects on Customizing

Implement the Business Add-in (BAI) `DPR_WORKFLOW` in Customizing for *SAP Portfolio and Project Management* under [Project Management](#) > [Basic Settings](#) > [BAI: Manage Project Management Workflows](#).

## More Information

For more information, see SAP Note [2635770](#).

### 5.1.2.3.2 All Templates Dashboard View

This feature provides you with a dashboard view called *All Templates* in the *Project Management Templates* dashboard. It contains all project or checklist templates that the user is authorized for. The dashboard view includes the same columns as the already existing dashboard views *My Templates*, *Favorites* and *Last Used Templates*.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	PPM-PRO (Project Management)
Available As Of	SAP S/4HANA 1809 FPS02 SAP S/4HANA 1709 SPS04

## Effects on Customizing

To activate this feature, make the following setting in Customizing for *SAP Portfolio and Project Management* under **Project Management** > *Basic Settings* > *Override Default Global Settings*:

Area	Setting Name	Description	Setting Value
0006	0054	All Templates Dashboard (ON: 'X', OFF: '')	X

## More Information

For more information, see SAP Note [2678808](#).

### 5.1.2.3.3 Project Manager Tasks Dashboard

This feature provides you with a task dashboard for project managers to track the status of the tasks in their projects. Users who are assigned to the appropriate role in projects can use the project manager tasks dashboard to display all tasks (in status *Released* and *In Process*) that belong to these projects.

#### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	PPM-PRO (Project Management)
Available As Of	SAP S/4HANA 1809 FPS02 SAP S/4HANA 1709 SPS04

#### Effects on Customizing

To activate this feature, make the following setting in Customizing for *SAP Portfolio and Project Management* under ► *Project Management* ► *Basic Settings* ► *Override Default Global Settings* ►:

Area	Setting Name	Description	Setting Value
0006	0056	Project Manager Tasks Dashboard ('X'=enabled, ''=disabled)	X

#### More Information

For more information, see SAP Note [2664429](#).

### 5.1.2.3.4 Confirmed Work from CATS in My Tasks Dashboard

With this feature, information about the work confirmed in the *Cross-Application Time Sheet (CATS)* is made available in the *My Tasks* dashboard.

## Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	PPM-PRO (Project Management)
Available As Of	SAP S/4HANA 1809 FPS02 SAP S/4HANA 1709 SPS04

## Additional Details

The following additional columns are available:

- **Total Confirmed Work:** Work that has been confirmed in CATS by all project members assigned to the task
- **My Confirmed Work:** Work that has been confirmed in CATS by the project member who has opened the dashboard
- **Work Unit (Confirmed):** Unit for both the above columns, for example, *Hours*

You can display or hide these columns in your *My Tasks* dashboard using the standard personalization options of the SAP List Viewer (ALV). The value displayed for a task is the confirmed work for this task only. Work that has been confirmed for subtasks is not considered.

### ⚠ Caution

This feature can cause performance problems when opening the *My Tasks* dashboard if there are many tasks assigned to a user.

## Effects on System Administration

- To be able to display data in the *My Confirmed Work* column, users need at least read authorization for the WBS elements or internal orders to which the times have been confirmed. If SAP ERP and SAP Portfolio and Project Management are installed in different system, the user stored in the RFC destination should have this authorization.
- To ensure the availability of current data in the *Total Confirmed Work* column, you should schedule regular runs of the `DPR_CATS_CPR_TRANSF` report. This report determines the total of the times transferred from CATS and makes them available in the Project Management UI.

## Effects on Customizing

To activate this feature, make the following setting in Customizing for *SAP Portfolio and Project Management* under ► *Project Management* ► *Basic Settings* ► *Override Default Global Settings* ⌵:

Area	Setting Name	Description	Setting Value
0006	0055	Confirmed Work in My Tasks Dashboard (Yes='X', No=' ')	X

## More Information

For more information, see SAP Note [2637030](#) .

## 5.1.2.3.5 Data Retrieval for Snapshots/Simulations at Creation Time

With this feature, you ensure that the system retrieves the data of a snapshot or a simulation at the time when you create it. The system automatically saves the project including the snapshot or simulation at this time.

## Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	PPM-PRO (Project Management)
Available As Of	SAP S/4HANA 1809 FPS02 SAP S/4HANA 1709 SPS04

## Additional Details


If you do not activate this feature, you need to save the project manually after you have created a new snapshot or simulation in the *Project Versions* view. The data for the snapshot or simulation is retrieved when you save the project. Changes that you have made to the project are copied to the snapshot or simulation even if you have done them after creating the snapshot or simulation.

## Effects on Customizing

To activate this feature, make the following settings in Customizing for *SAP Portfolio and Project Management* under ► *Project Management* ► *Basic Settings* ► *Override Default Global Settings* ⌵:

Area	Setting Name	Description	Setting Value
0007	0054	Save Project Version at Creation/Deletion	X

## More Information

For more information, see SAP Note [2709244](#) .

### 5.1.2.3.6 User/Resource Replacement

This feature enables you to display customer fields of projects in the search results list of the *Replace User/Resource* service, and filter projects based on these fields. This helps you to find the user/resource assignments that should be replaced.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	PPM-PRO (Project Management)
Available As Of	SAP S/4HANA 1809 FPS02 SAP S/4HANA 1709 SPS04

## Effects on Customizing

To activate this feature, make the following setting in Customizing for *SAP Portfolio and Project Management* under ► *Project Management* ► *Basic Settings* ► *Override Default Global Settings* ⌵:

Area	Setting Name	Description	Setting Value
0011	0016	Show Customer Fields of Projects	X

## More Information

For more information, see SAP Notes [2654213](#) and [2637852](#).

### 5.1.2.3.7 Alternative Gantt Chart based on SAPUI5 Technology

With this feature, you can replace the Gantt chart based on Java Plug-In technology by an alternative Gantt chart based on SAPUI5 technology. Due to the deprecation and removal of the Java Plug-In from recent Java Development Kit (JDK) versions, you may need to activate this feature to continue using Gantt charts in the graphical view of your Project Management applications.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	PPM-PRO
Available As Of	SAP S/4HANA 1809 FPS02 SAP S/4HANA 1709 FPS04

## Additional Details

The new SAPUI5-based Gantt chart offers largely the same functional scope and user experience as the Gantt chart based on Java Plug-In technology.

### i Note

The visualization of the multi-project monitor is not replaced by the SAPUI5-based Gantt chart.

The following functions provided by the Gantt chart based on Java Plug-In technology are not supported by the SAPUI5-based Gantt chart or behave differently:

Area	Changed or Not Supported Function
View	<p>You choose one of the view options <i>Year</i> (0), <i>Quarter</i> (1), <i>Month</i> (2) and <i>Calender Week</i> (3) by using a zoom slider.</p> <p>Other view options and related settings are not supported.</p>
Navigation	The <i>Navigation</i> function is not supported.
Rows	<p>You select one or more rows using checkboxes. You can not deselect all rows at the same time. You can change the lead selection by clicking anywhere on the row (except for the checkbox or an editable field).</p> <p>Moving rows up or down within the hierarchy using drag and drop is not supported</p> <p>The coloring of the rows when copying and pasting rows has been slightly changed.</p>
Editing	You have to confirm any change to a value in an editable field by choosing <i>Enter</i> before you can perform the next action using a Web Dynpro button.
Printing	Printing is not supported. Related settings are obsolete.
Relationships	<p>You can create a relationship between tasks by clicking a task and dragging one of the rectangular symbols to the targeted point of another task.</p> <p>The shortcut key ALT + primary mouse button to create relationships is not supported.</p>
Scheduling conflicts	The visualization of scheduling conflicts is not supported. Related user settings are obsolete.
User settings (Graphic)	<p>All user settings related to the multi-project monitor are obsolete.</p> <p>If you choose <i>Overview</i> or <i>Fit</i> as <i>Default View</i>, the <i>Year</i> (0) view option is set.</p>
User settings (User)	Japanese date formats are not supported.
Tree context menu	The tree context menu is available by default.
Business Add-In DPR_GANTT	<p>Some methods of the Business Add-In are not supported. For more information, see the Customizing documentation under <a href="#">SAP Portfolio and Project Management &gt; Project Management &gt; Global Enhancements to Project Elements &gt; Business Add-Ins (BAIs) &gt; BAId: Check or Change Graphical View Display</a>.</p>

For browser-related aspects, see the corresponding SAP Note about supported browsers as listed in SAP Note [2645827](#).

## Effects on Customizing

To activate the alternative Gantt chart in your Project Management applications, make the following setting in Customizing for SAP Portfolio and Project Management under [Project Management > Basic Settings > Override Default Global Settings](#):

Area	Setting Name	Description	Setting Value
0006	0060	Activate Alternative Gantt Chart ("X"=Activated, "="=Deactivated)	X

Only the following methods and parameters of Business Add-In DPR\_GANTT are supported:

Method	Parameter
GET_TYPEREPOSITORY_URL	All
GET_GANTT_PARAMETERS	CV_BACKGROUND_COLOR
	CV_GRAPHIC_HEADER
	CT_CALENDAR_ITEMS
	CV_TIMESCALE
	CT_COLUMNS
	CV_DATES_LOCALE
HANDLE_FIX_DATES_AS_CRITICAL	All
COLLAPSE_ON_NAVIGATION	All
DISPLAY_ADDITIONAL_FIELDS	All
CHANGE_COMBO_COLUMNS	All
USE_TREE_CONTEXT_MENU	Implemented by default

For more information, see the Customizing documentation under [SAP Portfolio and Project Management > Project Management > Global Enhancements to Project Elements > Business Add-Ins \(BAIs\) > BAi: Check or Change Graphical View Display](#).

## More information

For more information about the Java Plug-In roadmap, see SAP Note [2283330](#). For more information about the new SAPUI5-based Gantt chart see SAP Note [2645827](#).

You can find the Product Assistance documentation at [https://help.sap.com/viewer/product/SAP\\_S4HANA\\_ON-PREMISE](https://help.sap.com/viewer/product/SAP_S4HANA_ON-PREMISE) under [Product Assistance > Enterprise Business Applications > R&D / Engineering > Enterprise Portfolio and Project Management > SAP Portfolio and Project Management > Project Management > Editing Project Structures > Basic Functions > Graphical View > Alternative Gantt Chart based on SAPUI5 Technology](#).

## 5.1.2.3.8 Extensibility for Project Management Apps

This feature enables you to extend SAP Fiori apps for Project Management according to your business needs for different aspects.

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	PPM-PRO (Project Management)
Available As Of	SAP S/4HANA 1809 FPS02

### Additional Details


You can create custom fields for the following SAP Fiori apps:

- [My Projects - Active](#)
- [My Projects - As a Substitute](#)
- [My Projects - Upcoming Milestones](#)
- [My Projects - Critical](#)
- [My Projects - Planned](#)
- [Display Last Used Projects](#)
- [My Checklist Items](#)
- [Checklist Item](#)
- [My Tasks](#)
- [Task](#)

### More Information

For more information, see:

- [App Extensibility: My Projects – Active](#)
- [App Extensibility: My Projects – As a Substitute](#)
- [App Extensibility: My Projects – Upcoming Milestones](#)
- [App Extensibility: My Projects - Critical](#)
- [App Extensibility: My Projects – Planned](#)

- [App Extensibility: My Projects – Last Used](#)
- [App Extensibility: My Checklist Items](#)
- [App Extensibility: Checklist Item](#)
- [App Extensibility: My Tasks](#)
- [App Extensibility: Task](#)
- SAP Note [2776697](#) 

## 5.2 Integrated Product Development for Discrete Industries

### 5.2.1 Enhancement in Where-Used List

With this feature, an additional column *Top Level* is added to transaction CS15M to indicate the top-level of the material in each hierarchy of the material where-used list. This is limited to ALV display only.

You can produce a where-used list for multiple materials in one execution.

#### Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	
Application Component	LO-MD-BOM
Available as of	SAP S/4HANA 1809 FPS02

#### Additional Details

For more information, see SAP Note [2676180](#) .

#### Related Information

[Where-Used List for Multiple Materials \(CS15M\)](#)

## 5.2.2 Display Price Data from Material Master in BOM Explosion Reports

With this feature, a checkbox *Display Price Data* is added to the selection screen (Extended View) of BOM transactions CS11, CS12, and CS13. This checkbox enables you to view the price data from material master on request. The price data includes the following fields:

- *Price Control Indicator*
- *Standard Price*
- *Moving Average Price*

### Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	
Application Component	LO-MD-BOM
Available as of	SAP S/4HANA 1809 FPS02

### Additional Details

For more information, see SAP Note [2638486](#).

### Related Information

[Extending the View for a Where-Used List](#)

## 5.2.3 Additional Fields for Unloading Point and Goods Recipient in Master Data

With this feature, new fields are added for unloading point and recipient for stock and non-stock items in material BOM, equipment BOM, functional location BOM, sales order BOM, and WBS BOM. The fields are filled during the creation of PM orders, PP orders and PS orders, respectively.

## Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	
Application Component	LO-MD-BOM
Available as of	SAP S/4HANA 1809 FPS02

## Additional Details

For more information, see [2677560](#).

# 6 Sales

## 6.1 Order and Contract Management

## 6.2 Commodity Sales

### 6.2.1 Period-End Valuation of Global Trade Management Documents

Transactions for period-end valuations (PEV) support *Global Trade Management* documents now:

- `CMM_PEV_CALC`: Mainly used to create a worklist of goods receipts and deliveries of the previous month
- `CMM_PEV_WL`: Based on the worklist created before, you can filter the deliveries and goods receipts for selected trading contracts to create the corresponding accrual documents
- `CMM_PEV_AD`: Once, an accrual document is created, it can be rejected or be approved, so that it can be posted to an G/L account.
- `CMM_PEV_CC`: With the completeness check you can, for a specific valuation key date, monitor all open GR/delivery items, valuation results, and accrual documents that are still pending for approval.

Note, that these period-end valuations are supported for commodity price positions only, and **not** for GTM-related expenses.

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	LO-CMM
Available As Of	SAP S/4HANA 1809 FPS02

## 6.3 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 95\]](#).

# 7 Sourcing and Procurement

## 7.1 Restructuring of the Product Assistance for Sourcing and Procurement

For the line of business *Sourcing and Procurement*, the product assistance has been restructured according to the business areas.

### Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	MM ( <i>Materials Management</i> )
Available As Of	SAP S/4HANA 1809 FPS02

### Additional Details

In SAP S/4HANA, the *Product Assistance*, the *Feature Scope Description*, and the *What's New* have been aligned with the business areas.

### Related Information

[Mapping of Business Areas to Application Components](#)

## 7.2 Commodity Procurement

### 7.2.1 Period-End Valuation of Global Trade Management Documents

Transactions for period-end valuations (PEV) support *Global Trade Management* documents now:

- **CMM\_PEV\_CALC**: Mainly used to create a worklist of goods receipts and deliveries of the previous month
- **CMM\_PEV\_WL**: Based on the worklist created before, you can filter the deliveries and goods receipts for selected trading contracts to create the corresponding accrual documents
- **CMM\_PEV\_AD**: Once, an accrual document is created, it can be rejected or be approved, so that it can be posted to an G/L account.
- **CMM\_PEV\_CC**: With the completeness check you can, for a specific valuation key date, monitor all open GR/delivery items, valuation results, and accrual documents that are still pending for approval.

Note, that these period-end valuations are supported for commodity price positions only, and **not** for GTM-related expenses.

#### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	LO-CMM
Available As Of	SAP S/4HANA 1809 FPS02

## 7.3 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 95\]](#).

# 8 Supply Chain

## 8.1 Logistics and Order Fulfillment

### 8.1.1 Warehouse Management

#### 8.1.1.1 Connect EWM Based On SAP S/4HANA to an SAP ERP System

With this feature you can use the EWM functions in SAP S/4HANA to operate decentralized warehouse management operations, and send information to a central SAP ERP system.

#### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	SCM-EWM
Available As Of	SAP S/4HANA 1809 FPS02

#### Additional Details

While running EWM as a decentralized warehouse management system, you can do the following:

- Receive replicated master data (for example, materials, batches, or business partner information) from an SAP ERP system into an S/4HANA system used for decentralized EWM operations
- Receive inbound deliveries, outbound deliveries, and posting changes from SAP ERP and send the results back to SAP ERP
- Receive expected goods receipts for purchase orders and production orders, and create inbound deliveries based on the expected goods receipts
- Connect to other SAP systems like SAP GTS, SAP TM, SAP BW, SAP BW/4HANA, SAP Yard Logistics, and SAP APO
- Model your warehouse by using EWM warehouse elements like storage types, staging areas, doors, etc.

- Manage stock on product, batch, handling unit, and serial number level, and map the stock to objects related to SAP ERP like plants and storage locations
- Use the EWM Material Flow System (MFS) to control automated warehouse equipment
- Perform physical inventory and update SAP ERP in the case of stock mismatches
- Create ad-hoc deliveries and inform SAP ERP about their creation and execution
- Receive production orders from SAP ERP, save those as production material requests (PMR), and send the execution results back to SAP ERP

## Effects on Data Transfer

For more information about data transfer and how it differs from connecting SAP EWM to SAP ERP, see SAP Note [2775345](#).

## Effects on Customizing

The following Customizing activities are available for decentralized EWM, in Customizing for *Extended Warehouse Management*:

- **Interfaces > ERP Integration > ERP Integration for Decentralized EWM**:
  - *Skip Request for Messages from ERP*
  - *Set Control Parameters for ERP Version Control*
  - *BAdI: Overwrite Recipient-Dependent Control of Processes*
- **Goods Receipt Process > Goods Receipt Process for Decentralized EWM > Expected Goods Receipt**:
  - *Define Document Types for Expected Goods Receipt*
  - *Define Item Types for Expected Goods Receipt*
  - *Define Allowed Item Types for Expected Goods Receipt*
  - *Define Document Type Determination for Expected Goods Receipt*
  - *Define Item Type Determination for Expected Goods Receipt*
- **Cross-Process Settings > Batch Management > Batch Management for Decentralized EWM**:
  - *Define Number Ranges for Batches*
  - *Activate Shelf Life Determination with Period Indicator*

The following Business Add-Ins (BAIs) are available for decentralized EWM, in Customizing for *Extended Warehouse Management* under *Business Add-Ins (BAIs) for Extended Warehouse Management*:

- **Interfaces > ERP Integration > ERP Integration for Decentralized EWM**:
  - *BAdI: Internal/External Display of WBS Element*
  - *BAdI: Skip Request for Messages from ERP*

For more information about how Customizing for decentralized EWM differs from Customizing for SAP EWM, see SAP Note [2775345](#).

## 8.1.1.1.1 Quality Inspections in Decentralized EWM Based On SAP S/4HANA

With this feature, you can use decentralized Extended Warehouse Management (EWM) to process quality inspections using the Quality Inspection Engine.

Note that if decentralized EWM is integrated with SAP ERP, you start quality inspections in EWM but you can configure the Quality Inspection Engine to process the quality inspections in the Quality Management (QM) component of SAP ERP.

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	SCM-EWM-QM
Available As Of	SAP S/4HANA 1809 FPS02

### Additional Details

While running decentralized EWM, you can perform the following:

- Inspections of goods procured externally  
You can do the following:
  - Block the receipt of goods from a vendor in general or for a certain product from a vendor for quality reasons  
Goods receipt control is integrated with the blocking of suppliers in the QM component of SAP ERP. For more information, see [Blocking a Supplier](#).
  - Count delivered products
  - Perform a preliminary inspection of handling units
  - Perform acceptance sampling to inspect externally procured goods before goods receipt posting  
Acceptance sampling is integrated with the QM component of SAP ERP by creating an inspection lot of origin 17 for a quality inspection before goods receipt. For more information about inspection lots of origin 17, see [Inspection Lot Origin 17 \(Extended Warehouse Inspection\)](#).
  - Inspect goods after receiving them into the warehouse, once the system determines that the goods are inspection-relevant  
Inspecting goods after goods receipt is integrated with the QM component of SAP ERP by creating an inspection lot of origin 17 at goods receipt posting.
- Inspections of goods from in-house production

You can do the following:

- Perform presampling in production to inspect internally produced goods before goods receipt posting  
Presampling in production is integrated with the QM component of SAP ERP by creating an inspection lot of origin 17 on the release of the manufacturing order.
- Inspect goods after receiving them into the warehouse, once the system determines that the goods are inspection-relevant  
Inspecting goods after goods receipt is integrated with the QM component of SAP ERP by creating an inspection lot of origin 17 at goods receipt posting.

- Warehouse-internal inspections

You can do the following:

- Perform internal stock inspections not related to an inbound or outbound process for stock in the warehouse  
Internal stock inspections are integrated with the QM component of SAP ERP by creating an inspection lot of origin 17.
- Perform recurring inspections for batch-managed products that need to be inspected at periodic intervals  
Recurring inspections are integrated with the QM component of SAP ERP by creating an inspection lot of origin 17.

- Returns inspections

You can do the following:

- Inspect products delivered as customer returns
- Integrate with Advanced Returns Management in a connected SAP ERP


## Effects on System Administration



You can use archiving object `QIE_INSP` to archive inspection documents in the Quality Inspection Engine.

## Effects on Data Transfer



For information about data transfer and how it differs from connecting SAP EWM to SAP ERP, see SAP Note [2775345](#).







## Effects on Customizing





The following Customizing activities are available for decentralized EWM in Customizing for *Extended Warehouse Management* under **► Cross-Process Settings ► Quality Management ► Quality Management for Decentralized EWM** 


- **► Basics and Integration** 
  - **► Communication with an External QM System** 
    - *Define External QM Systems*

- *Assign Properties*
  - *Assign RFC Destinations to Logical Systems*
  - *Define Indexes for QIE Objects*
- **▶▶ Inspection Planning** :
  - *Define Number Ranges for Inspection Documents*
  - **▶▶ Dynamic Modification** :
    - *Specify Dynamic Modification Criteria*
    - *Specify Dynamic Modification Rules*
  - **▶▶ Counting** :
    - *Maintain Quantity Interval for Counting*
    - *Maintain Value Interval for Counting*
  - **▶▶ Findings** :
    - *Define Catalogs*
    - *Define Finding Types*
    - *Define Number Ranges for Findings*
  - **▶▶ Samples and Items** :
    - *Define Sample Types*
    - *Define Item Types*
    - *Define Number Ranges for Samples and Items*
    - *Define Sample Containers*
    - **▶▶ Sampling Schemes** :
      - *Define Lot-Size-Dependent Sampling Scheme*
      - *Define Sampling Scheme In Accordance with ISO 2859-1*
  - *Define Document Types*
- **▶▶ Inspection Results** :
  - *Define Decision Codes*
  - *Determine Error Codes and Effort*
  - *Maintain Follow-Up Actions*

The following Customizing paths were changed in Customizing for *Extended Warehouse Management* under **▶▶ Cross-Process Settings**  **▶▶ Quality Management** :

- **▶▶ Basics**  changed to **▶▶ Basics and Integration** 
- **▶▶ Settings for Inspection Rules**  changed to **▶▶ Inspection Planning** 
- **▶▶ Result**  changed to **▶▶ Inspection Results** 

The following Business Add-Ins (BAIs) are available for decentralized EWM in Customizing for *Extended Warehouse Management* under **▶▶ Business Add-Ins (BAIs) for Extended Warehouse Management**  **▶▶ Cross-Process Settings**  **▶▶ Quality Management**  **▶▶ Quality Management for Decentralized EWM** :

- **▶▶ Inspection Creation** :
  - *BAdI: Count Relevance Extension for Delivery Items*
  - *BAdI: Custom Criteria Definition for Inspections*
  - *BAdI: QIE - Sample Calculation*
  - *BAdI: Summation of Sample Quantities, Sample Size Check*

- *BAdI: Individual Check of Arguments in an Inspection Rule*
- *BAdI: Individual Sample-Drawing Instruction*
- *BAdI: Individual Calculation of Number of Samples*
- *BAdI: Individual Calculation of Total Sample Size*
- **▶ Inspection ▶**:
  - *BAdI: Control of Background Decision for Inspection Document*
  - *BAdI: Enablement of External Quality Inspections*
  - *BAdI: Printer Determination*
- **▶ Follow-Up Actions ▶**:
  - *BAdI: Follow-Up Actions*
  - *BAdI: Batch Characteristics During Inspection Decision*
  - *BAdI: Purchase Order Creation*
  - *BAdI: Determination of Pre-Defined Follow-Up Codes*
  - *BAdI: External Maintenance & Execution of Follow-Up Actions*
- *BAdI: Own Checks for Archiving Object QIE\_INSP*
- *BAdI: Own Data for Archiving Object QIE\_INSP*

For information about how Customizing for decentralized EWM differs from Customizing for SAP EWM, see SAP Note [2775345](#).

## Related Information

[Quality Management](#)

## 8.1.2 Transportation Management

### 8.1.2.1 Integration of Geographical Services

Transportation Management (TM) offers a standard integration to SAP Spatial Services for geocoding, single and matrix routing, as well as distance and duration determination.

#### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required

Application Component	TM
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

This integration allows you to do the following:

- Geocoding  
Determine geographical coordinates of locations
- Single routing
  - Determine the distance and duration between two locations
  - Determine street segments, which are used to visualize the routing (with street-level precision) between locations on the geographical map
- Matrix routing  
Determine pairwise distances and durations for a set of locations. The determined distance matrix can be used by the vehicle scheduling and routing (VSR) optimizer.

For more information, see SAP Note [2711181](#).

## 8.1.2.2 General Enhancements for Package Building and Load Planning

Package building and load planning have been enhanced.

### Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	TM-PLN-LP, TM-PLN-PB, SCM-BAS-PAK-PB, SCM-BAS-PAK-PB-OPT
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

The following new functions are available:

- Detailed mixed package building considers maximum stacking factors that you have defined for reference products.
- During detailed mixed package building, the system takes into account predefined rules for the package builder optimizer. For each rule, you can define a value and a priority. You indicate which rules you want to use by defining a rule profile in Customizing (see below). You indicate this rule profile in your package building profile.  
SAP delivers predefined rules that allow you to minimize height differences as well as distances related to the center of gravity. Note that the fields for target height deviation and center of gravity in the package building profile have been removed and replaced with these predefined rules.
- You can now display closed packaging in the 3D load plan and thus distinguish between open and closed packages. As a prerequisite, you have indicated in your product master data, that the packaging material is closed. Moreover, you have specified a packaging material type. Optionally, you have defined a maximum packing height, width, and length for the packaging material to influence the thickness of the displayed packaging.

## Effects on Customizing

For more information about defining rule profiles, see Customizing for Transportation Management under [► Planning ► Package Building ► Define Rule Profile for Package Builder Optimizer ►](#).

## Related Information

[Rule Profile for Package Builder Optimizer](#)

## 8.2 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 95\]](#).

# 9 Integration

## 9.1 Integration with SAP Localization Hub, Tax Service

### 9.1.1 Enhance Localization Interfaces for Tax Service

With this feature you can set your own classes to be executed in place the of the tax service integration's standard localization classes for certain interfaces. Setting your own classes allows you to extend the integration of tax service according to your localization needs.

#### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	1J5, BD3
Application Component	FI-LOC-TXS
Available As Of	SAP S/4HANA 1809 FPS02

#### Effects on Customizing

► [Integration with Other SAP Components](#) ► [SAP Localization Hub, Tax Service](#) ► [Enhance Localization Interfaces for Tax Service](#) ►

#### Related Information

[SAP Localization Hub, Tax Service](#)

## 9.2 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 95\]](#).

# 10 Cross Components

## 10.1 In-App Help Available

By default, in-app help is always available via the question mark icon. If you select the icon, the help carousel appears with help content or, additionally, further information on how to find help.

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	CA
Available As Of	SAP S/4HANA 1809 FPS02

### Additional Details

In the past, the help icon (🔍) was only visible if help content was assigned to the respective app.

## 10.2 Analytics

### 10.2.1 Add a New Model to a Predictive Scenario

This feature enables you to create a new predictive model from SAP Analytics Cloud Smart Predict, and to add it to a predictive scenario that already exists in the *Predictive Scenarios* app. Only predictive scenarios created by customers from release 1809 FPS02 of SAP S/4HANA, support the ability to add an additional model.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	BW-EI-PA
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

For more information about the *Predictive Scenarios* app, go to the SAP Help Portal at <https://help.sap.com>, and search for ► *SAP S/4HANA* ► *Product Assistance* ► *Cross Component* ► *Analytics* ► *Predictive Analytics integrator (PAi)* ► *Predictive Scenarios App* ►.

## 10.3 Application Platform and Infrastructure

### 10.3.1 SAP HANA Transport for ABAP for SAP HANA Deployment Infrastructure (HTA for HDI)

With this feature, you can now:

- Delete ABAP-managed HDI containers.
- Get an overview of transactions and programs available for HTA for HDI using the new transaction `SCTS_HTA_TOOLS`.
- Automatically correct objects with deployment errors
- Display the content of HDI objects in the Note Assistant (transaction `SNOTE`) and version management.
- Get troubleshooting information in the Guided Answer in SAP Support Portal under [Troubleshooting HTA for HDI](#).

## Technical Details

Type	Changed
------	---------

Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	BC-CTS-HTA
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

- Delete ABAP-managed HDI containers and transport the deletion to the follow-on systems of your transport routes.  
As a prerequisite for the deletion, the HDI container must be empty and must not be referenced by any other container.  
For more information, see [Creating ABAP-managed HDI Containers](#).
- Get an overview of transactions and programs available for HTA for HDI.  
The new transaction `SCTS_HTA_TOOLS` provides an overview of transactions and programs, and provides direct access to these tools as well as more information about them. This is also valid for HTA for SAP HANA Repository, and SAP HANA Transport Container (HTC) for SAP HANA Repository.  
For more information, see [Transactions and Utility Programs for SAP HANA Transport for ABAP](#).
- Automatically correct objects with deployment errors - also after a deployment of HDI objects using transaction `SCTS_HDI_DEPLOY`, and using the Note Assistant (transaction `SNOTE`).  
When the system detects objects with errors before and after the import step [SAP HANA Deployment](#), it automatically schedules the job `REDEPLOY_FAILED_HANA_OBJECTS` to redeploy the failed objects. This job is now also scheduled after a deployment using transaction `SCTS_HDI_DEPLOY`, or using transaction `SNOTE`.  
For more information, see the Guided Answer [Troubleshooting HTA for HDI](#) in SAP Support Portal under [Deployment of HDI Objects: Handling Objects with Errors](#).
- Display the content of HDI objects in the Note Assistant (transaction `SNOTE`) and version management. This is also true for SAP HANA Repository objects.
- Get troubleshooting information in the Guided Answer in SAP Support Portal under [Troubleshooting HTA for HDI](#).  
The content of the topic [Troubleshooting HTA for HDI](#) was moved to the Guided Answer [Troubleshooting HTA for HDI](#).

## 10.3.2 Adding Single ATC Findings to the Baseline

This feature enables you to add single ATC findings of an ATC check result to the baseline.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	BC-DWB-TOO-ATF
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

In transaction `SE80`, open an ATC check result in the *ATC Result Browser* view and choose *Add Findings to Baseline...* in the toolbar. Mark the ATC findings you want to add to the baseline and choose *Add to Baseline...*. This opens the dialog *Create Baseline Result*, where you can specify the baseline result title and the baseline effect.

A new ATC result is created with the ATC findings marked for baseline. This result shows up in the *Manage Results* view in transaction `ATC`.

## Related Information

[Adding ATC Findings to the Baseline in the ATC Result Browser](#)

## 10.3.3 ABAP Download Service

This app was renamed from SAP NetWeaver Download Service to ABAP download service.

## Related Information

[ABAP Download Service](#)

## 10.4 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 95\]](#).

# 11 Country/Region Specifics

## 11.1 Austria

### 11.1.1 Finance

#### 11.1.1.1 VAT Return

You can use the [Run Compliance Reports](#) app to create XML files for the [Advance VAT Return \(U30\)](#) and the [Annual VAT Return \(U1\)](#) that fulfill the requirements of the tax authorities in Austria.

#### Technical Details

Type	New
Available In	Available in Austria
Scope Item	1J2 (Advance Compliance Reporting )
Application Component	FI-LOC-FI-AT
Available As Of	SAP S/4HANA 1809 FPS02

#### Related Information

[Advance VAT Return - U30](#)

[Annual VAT Return - U1](#)

## 11.2 Brazil

### 11.2.1 Finance

#### 11.2.1.1 EFD ICMS IPI Report

This feature enables you to collect all the required data for the EFD ICMS IPI report to generate a TXT file that you must submit to the tax authorities through the *Run Advanced Compliance Reports* app.

#### Technical Details

Type	New
Available In	Brazil
Scope Item	1J2
Application Component	FI-LOC-FI-BR
Available As Of	SAP S/4HANA 1809 FPS02

#### Effects on Customizing

You need to complete the following activities to be able to use this feature:

- Configure the EFD ICMS IPI report using the customizing activity *Setting Up your Compliance Reporting*, under [▶ Financial Accounting \(New\) ▶ SAP S/4HANA for Advanced Compliance Reporting ▶](#).
- Make settings for *Financial Accounting (New)* under [▶ General Ledger Accounting ▶ Periodic Processing ▶ Statutory Reporting: Brazil ▶ Company Settings ▶ EFD ICMS IPI ▶](#).

#### Related Information

[EFD ICMS IPI Report](#)

## 11.2.1.2 ECF Report

This feature enables you to collect all the required data for the ECF report to generate a TXT file that you must submit to the tax authorities through the [Run Advanced Compliance Reports](#) app.

### Technical Details

Type	New
Available In	Brazil
Scope Item	1J2
Application Component	FI-LOC-FI-BR
Available As Of	SAP S/4HANA 1809 FPS02

### Effects on Customizing

You need to complete the following activities to be able to use this feature:

- Configure the ECF report using the customizing activity [Setting Up your Compliance Reporting](#), under [Financial Accounting \(New\)](#) > [SAP S/4HANA for Advanced Compliance Reporting](#).
- Make settings for [Financial Accounting \(New\)](#) under [General Ledger Accounting](#) > [Periodic Processing](#) > [Statutory Reporting: Brazil](#) > [Company Settings](#) > [ECF](#).

### Related Information

[ECF Report](#)

## 11.2.1.3 ECD Report

This feature enables you to collect all the required data for the ECD report to generate a TXT file that you must submit to the tax authorities through the [Run Advanced Compliance Reports](#) app.

## Technical Details

Type	New
Available In	Brazil
Scope Item	1J2
Application Component	FI-LOC-FI-BR
Available As Of	SAP S/4HANA 1809 FPS02

## Effects on Customizing

You need to complete the following activities to be able to use this feature:

- Configure the ECD report using the customizing activity *Setting Up your Compliance Reporting*, under [Financial Accounting \(New\)](#) > [SAP S/4HANA for Advanced Compliance Reporting](#).
- Make settings for *Financial Accounting (New)* under [General Ledger Accounting](#) > [Periodic Processing](#) > [Statutory Reporting: Brazil](#) > [Company Settings](#).

## Related Information

[ECD Report](#)

### 11.2.1.4 EFD Contribuições

This feature enables you to collect all the required data for the EFD Contribuições report to generate a TXT file that you must submit to the tax authorities through the [Run Advanced Compliance Reports](#) app.

## Technical Details

Type	New
Available In	Brazil
Scope Item	1J2

Application Component	FI-LOC-FI-BR
Available As Of	SAP S/4HANA 1809 FPS02

## Effects on Customizing

You need to complete the following activities to be able to use this feature:

- Configure the EFD contribuições report using the customizing activity *Setting Up your Compliance Reporting*, under [Financial Accounting \(New\)](#) > [SAP S/4HANA for Advanced Compliance Reporting](#).
- Make settings for *Financial Accounting (New)* under [General Ledger Accounting](#) > [Periodic Processing](#) > [Statutory Reporting: Brazil](#) > [Company Settings](#) > [EFD Contribuições](#).

## Related Information

[EFD Contribuições Report](#)

## 11.3 Colombia

### 11.3.1 VAT Declaration

This feature enables you to report VAT amounts generated in your financial operations to the government of Colombia. The *VAT Declaration* (CO\_VAT\_DCL) report extracts information from the SAP S/4HANA system and organizes this data in an ALV output that contains details of VAT amounts and account balances. You can use the *Run Advanced Compliance Reports* app to run the *VAT Declaration* report.

## Technical Details

Type	New
Available In	Available in Colombia
Scope Item	1J2
Application Component	FI-LOC-FI-CO

## Additional Details

If you need to create an incident regarding this feature, use component `XX-CSC-CO-FI`.

## Effects on Customizing

As the key user for configuration, you can check and make changes to configuration settings that are assigned to the `CO_REP_ENT` (Colombia reporting entity). You can change these settings in [SAP Customizing Implementation Guide](#) > [Financial Accounting Advanced Compliance Reporting](#) > [Setting Up Your Compliance Reporting](#).

To enable your system to run the *VAT Declaration* report according to the legal requirements in Colombia, SAP delivers predefined configurations via the *Colombia DIAN BC Set* (`BCS_FIN_LOC_SRF_PR`) BC set (business configuration set). This BC set contains predefined configurations for the report category ID (`CO_VAT_DCL`) and for the periodicity of the report.

To activate these settings, access `SCPR20` transaction and activate the `BCS_FIN_LOC_SRF_PR` BC set by selecting the *Expert Mode* option.

## 11.4 Egypt

### 11.4.1 Finance

#### 11.4.1.1 VAT Return

The VAT return functionality for Egypt has been changed according to the new requirements of the Ministry of Finance.

The *Egypt VAT Return* report now generates two CSV files in a format prescribed by Egypt's tax authority. These CSV files contain line item-level details about VAT and schedule tax applicable on your sales and purchases for a reporting period. The CSVs contains details of tax base amounts and tax amounts for all categories of sales and purchases.

The report has also been enhanced by providing the following functionalities:

- Data preview: To view the report data in a tabular format
- Correction and additional correction phases: To generate corrected reports in case of errors in submitted reports

- Manage Tax Items reporting activity: To include or exclude tax items from a reporting period
- Post Tax Payables reporting activity: To post balances of tax accounts directly to a tax payable account, without any manual entry

You generate VAT return for Egypt using the [Run Advanced Compliance Reports](#) app.

## Technical Details

Type	Changed
Available In	Available in Egypt
Scope Item	1J2 (Advance Compliance Reporting
Application Component	FI-LOC-FI (Localizations Financials)
Available As Of	SAP S/4HANA 1809 FPS02

## Effects on Customizing

In addition to the current customizing activities for tax box configuration, you also need to complete the following activities:

- Configure the VAT Return report using the customizing activity [Setting Up Your Compliance Reporting](#), under [Financial Accounting \(New\)](#) > [SAP S/4HANA for Advanced Compliance Reporting](#). On the [Enter Parameters Specific to Reporting Entity](#) tab, specify the value – for the [AUTOADJUST](#) parameter to disable it.
- If you want to use different versions of tax group configuration for different time periods, assign versions to relevant time periods using the customizing for [Financial Accounting\(New\)](#), under [General Ledger Accounting](#) > [Periodic Processing](#) > [Report](#) > [Sales/Purchases Tax Returns](#) > [Assign Tax Group Version Time Dependent](#).

## Related Information

[VAT Return](#)

## 11.5 Japan

### 11.5.1 Finance

#### 11.5.1.1 VAT Return

In addition to the VAT detail report, you can use the [Run Compliance Reports](#) app to generate the VAT return summary report that provides the VAT amount by aggregating the fields of company code, tax code, and purpose of purchase for VAT-purchase (YOTO KUBUN).

#### Technical Details

Type	New
Available In	Available in Japan
Scope Item	1J2 (Advance Compliance Reporting)
Application Component	FI-LOC-FI-JP
Available As Of	SAP S/4HANA 1809 FPS02

#### Related Information

[VAT Return](#)

## 11.6 Saudi Arabia

### 11.6.1 Finance

#### 11.6.1.1 VAT Return

The VAT return functionality for Saudi Arabia has been enhanced by providing the following reporting activities:

- [Manage Tax Items](#): To include or exclude tax items from a reporting period
- [Post Tax Payables](#): To post balances of tax accounts directly to a tax payable account, without any manual entry

You generate VAT Return for Saudi Arabia using the [Run Advanced Compliance Reports](#) app.

## Technical Details

Type	Changed
Available In	Available in Saudi Arabia
Scope Item	1J2 (Advance Compliance Reporting)
Application Component	FI-LOC-FI (Localizations Financials)
Available As Of	SAP S/4 HANA 1809 FPS02

## Related Information

[VAT Return](#)

## 11.7 South Korea

### 11.7.1 Cross-Application Functions

#### 11.7.1.1 Electronic Tax Invoices in XML Format

With this feature, you can create and send electronic tax invoices in XML format to an integrated external system, such as another system of your company or a third-party application service provider. Then you use this external system to forward tax invoice XML files to the National Tax Service (NTS) of South Korea.

## Technical Details

Type	New
Available In	Available in South Korea
Scope Item	BD9 (Sell from Stock)

Application Component	CA-GTF-CSC-EDO-KR
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

You can create tax invoices in XML format for the following types of source documents:

Source Document Type	Source Application
Invoice, credit memo, cancelation document for invoice	Sales and Distribution
Invoice, credit memo, reversal document for invoice	Financial Accounting

The following reports are used in processing tax invoices in XML format for South Korea:

App	Function
<a href="#">eDocument Cockpit</a> (transaction code EDOC_COCKPIT)	Create, submit, and cancel tax invoices in XML format, including consolidated tax invoices
<a href="#">Create Consolidated eDocuments</a> (transaction code EDOC_KR_SUMMARY)	Create consolidated eDocuments, based on which consolidated tax invoices in XML format can be created

## Effects on System Administration

The following authorization objects are required to perform actions on eDocuments:

- EDO\_BUK (eDocument: Authorization for Company Code)
- EDO\_PROC (eDocument: Authorization for Process & Process Step)

## Effects on Customizing

You should carry out the following Customizing activities:

- [Define Interface Type for eDocument](#) under [Cross-Application Components](#) > [General Application Components](#) > [eDocument](#) > [General Settings](#) >
- [Activate Source Type Documents for Company Code](#) under [Cross-Application Components](#) > [General Application Components](#) > [eDocument](#) > [General Settings](#) >
- [Assign eDocument Type to Accounting Document Type](#) under [Cross-Application Components](#) > [General Application Components](#) > [eDocument](#) > [General Settings](#) >
- [Determine Values for Tax Code](#) under [Financial Accounting \(New\)](#) > [Financial Accounting Global Settings \(New\)](#) > [Tax on Sales/Purchases](#) > [Basic Settings](#) > [South Korea](#) > [Tax Invoices](#) >

In addition, you can implement your own logic for eDocument processing by using the Business Add-In *Enhancements for eDocument* (EDOC\_ADAPTOR). You can find it in Customizing for *Cross-Application Components* under [▶ General Application Functions ▶ eDocument ▶ General Settings ▶ Business Add-Ins ▶](#).

## Related Information

[Document Compliance for South Korea](#)

## 11.7.2 Finance

### 11.7.2.1 Trial Balance

You can use the *Run Advanced Compliance Reports* app to generate the trial balance that fulfill the requirements of the government in South Korea. Apart from the existing file of *Trial Balance* in the standard format, you can also generate a new PDF file of *Total Trial Balance* in the format required by the tax authorities in South Korea.

## Technical Details

Type	Changed
Available In	Available in South Korea
Scope Item	1J2 (Advance Compliance Reporting)
Application Component	FI-LOC-FI-KR (Financials South Korea)
Available As Of	SAP S/4HANA 1809 FPS02

## See Also

For more information, see [http://help.sap.com/s4hana\\_op\\_1809\\_002](http://help.sap.com/s4hana_op_1809_002) under [▶ Product Assistance ▶ Country/Region Versions ▶ Asia-Pacific ▶ South Korea ▶ Financial Accounting \(FI\) ▶ Apps for Finance in South Korea ▶ Advanced Compliance Reporting for South Korea ▶ Trial Balance ▶](#).

## 11.7.2.2 Value-Added Tax (VAT)

You can use the *Run Advanced Compliance Reports* app to generate the Value-Added Tax (VAT) reports that fulfill the requirements of the government in South Korea. Apart from the existing features, the report generates a new file *VAT Base Amount and Tax Amount by Per-Business Unit (Business Place) Taxation* in TXT format. This file classifies the info into the output tax category and input tax category by business place, which includes net amount, tax amount, penalty tax, deductible tax, and tax payable/tax refundable.

### Technical Details

Type	Changed
Available In	Available in South Korea
Scope Item	1J2 (Advance Compliance Reporting)
Application Component	FI-LOC-FI-KR (Financials South Korea)
Available As Of	SAP S/4HANA 1809 FPS02

### See Also

For more information, see [http://help.sap.com/s4hana\\_op\\_1809\\_002](http://help.sap.com/s4hana_op_1809_002) under [Product Assistance](#) > [Country/Region Versions](#) > [Asia-Pacific](#) > [South Korea](#) > [Financial Accounting \(FI\)](#) > [Apps for Finance in South Korea](#) > [Advanced Compliance Reporting for South Korea](#) > [VAT](#).

## 11.8 Spain

### 11.8.1 General Functions

#### 11.8.1.1 Electronic IGIC Register Books with SII

This feature enables you to prepare, analyze and submit Impuesto General Indirecto de Canarias (IGIC) tax data to the tax agency in the Canary Islands using the Immediate Supply of Information System (SII). The *Electronic Tax Register Books with SII* solution has been enhanced to enable this feature.

## Technical Details

Type	New
Available In	Available in Spain, Canary Islands
Scope Item	Not applicable
Application Component	CA-GTF-CSC-EDO-ES
Available As Of	SAP S/4HANA 1809 FPS02

## Effects on Existing Data

The *eDocument Cockpit* has been enhanced with the following new processes:

- [Canary Islands SII Documents](#)
- [Canary Islands SII Lists](#)
- [Canary Islands SII Coll. in Cash](#)
- [Canary Islands SII Reversal Docs](#)

The following reports have been enhanced to support IGIC tax reporting for the Canary Islands:

- [Create eDocuments for Tax Register Books with SII \(Spain\)](#) (RPFIES\_SII\_EDOCCREATE)
- [Create eDocuments for Incoming Cash Payments with SII \(Spain\)](#) (RPFIES\_SII\_EDOCINCASH)
- [Create eDocument Lists for Tax Register Books with SII \(Spain\)](#) (RPFIES\_SII\_EDOCLIST)

In the titles of the reports, "VAT" has been replaced with "Tax" and new fields and/or checkboxes have been added to the selection screens, which are required for IGIC reporting.

## Effects on Customizing

For Canary Islands, the following new Customizing activities are available in Customizing for *Cross-Application Components* under [▶ General Application Functions ▶ eDocument ▶ Country-Specific Settings ▶ Spain ▶ Settings for Electronic IGIC Register Books With SII ▶](#):

- [Assign SII Attributes to Document Types for IGIC](#)
- [Assign SII Attributes to Tax Codes for IGIC](#)
- [Assign SII Attributes to Company Codes](#)
- [Determine Dates for Incoming Invoices](#)
- [Determine Reporting Dates for Outgoing Invoices](#)
- [Change the Handling of Reversal Documents](#)
- [Define G/L Accounts Specific to Canary Islands](#)
- [Define Account Keys for Retailer Surcharge on Goods Import](#)

In addition, the following new Business Add-Ins (BAIs) are available under Customizing for *Cross-Application Components* under [▶▶ General Application Functions ▶ eDocument ▶ Country-Specific Settings ▶ Spain ▶ Settings for Electronic IGIC Register Books With SII ▶ Business Add-Ins \(BAIs\) ▶](#):

- *BAdI: Enhancements for Electronic IGIC Register Books With SII*
- *BAdI: Determine Real Estate Information for Canary Islands*
- *BAdI: SII Collections in Cash for Canary Islands*

## Related Information

[Electronic Tax Register Books with SII](#)

## 11.9 Turkey

### 11.9.1 General Functions

#### 11.9.1.1 Electronic Delivery Notes

This feature enables you to create and process eDocuments for delivery notes created in the *Sales and Distribution* (SD) or *Materials Management* (MM) component and transfer them to recipients through a service provider and the tax authorities (TRA). You can also receive, accept or reject electronic delivery notes that you receive from your suppliers and view them in the system.

### Technical Details

Type	New
Available In	Available in Turkey
Scope Item	BD9 (Sell from Stock)
Application Component	CA-GTF-CSC-EDO-TR
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

The Document Compliance solution for Turkey offers the following new or enhanced functions for electronic delivery notes:

- Using the *eDocument Cockpit* report, you can process the following types of electronic delivery notes:
  - Outgoing delivery notes created for outbound deliveries in *Sales and Distribution* (if you are a supplier), or a return purchase order in *Materials Management* (if you are a customer). You can send these delivery notes to your customer through the service provider and TRA and you process the customer's response (acceptance or rejection).
  - Incoming delivery notes, which you receive from your supplier, create an incoming eDocument in the system and you send a response whether you accept or reject the delivery note
- You can upload customer's responses and incoming delivery notes to the system using the *eDocument Inbound Message Handler* report (transaction EDOC\_INBOUND\_MSG).
- You can identify those of your customers and suppliers who are electronic delivery note users registered with the TRA using the *Retrieve Delivery Note Users* report (transaction EDOC\_TR\_DELN\_GUBLS).
- You can run jobs to process actions on multiple eDocuments at a time using the *eDocument Background Processing* report (transaction EDOC\_BACKGROUND).

## Effects on Existing Data

The *eDocument Cockpit* has been enhanced with the following new processes:

- *Turkey Delivery Note*
- *Turkey Incoming Delivery Note*

The *eDocument Inbound Message Handler* report has been enhanced to allow the selection of new message types for Turkey.

The area menu has been enhanced with the following new entry: [▶ Cross-Application Components](#) > [eDocument](#) > [eDocument Turkey](#) > [Retrieve Delivery Note Users](#) >

## Effects on Customizing

For Turkey delivery notes, the following new Customizing activities are available in Customizing for [Cross-Application Components](#) under [▶ General Application Functions](#) > [eDocument](#) > [Country-Specific Settings](#) > [Turkey](#) > [Delivery Notes](#) >:

- [Maintain Sender and Receiver Aliases for Delivery Notes](#)
- [Define UniCodes and Number Ranges for Delivery Note Numbering](#)
- [Define Number Range Intervals for Delivery Note Numbering](#)
- [Define Default Partner Alias for Delivery Notes](#)

## Related Information

[Electronic Delivery Notes for Turkey](#)

## 11.10 Canada

### 11.10.1 Finance

#### 11.10.1.1 Canada Advanced Compliance Reporting

The advanced compliance reports for Canada (GST/HST and RITC, PST-MB, PST-BC, PST-SK, QST), that were earlier based on general ledger balance reporting solution, are now replaced by tax box based reporting solution. The report output format, report category IDs, and report entity IDs are updated according to the reporting solution.

## Technical Details

Type	Changed
Available In	Canada
Scope Item	1J2 (Advance Compliance Reporting )
Application Component	XX-CSC-CA-FI
Available As Of	SAP S/4HANA 1809 FPS02

## Related Information

[Advanced Compliance Reporting for Canada](#)

# 12 Industries

## 12.1 Consumer

### 12.1.1 Agriculture

#### 12.1.1.1 SAP Agricultural Contract Management

##### 12.1.1.1.1 Fee Framework - Separate Invoice for Fees

This feature enables you to create a separate invoice for fees prior to the creation of the commodity settlement. Pre-settled fees are offset in the commodity to be settled. Creating a separate invoice for storage fees is not supported.

#### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-AGR-STL
Available As Of	SAP S/4HANA 1809 FPS02

#### Additional Details

To access the [Separate Invoice Workcenter](#), execute the transaction code `/ACCGO/SI_WC`.

To maintain the fee master data, execute the transaction code `/ACCGO/MAINT_FEE`.

#### Effects on Customizing

For the [Separate Invoice](#), the following Business Add-Ins (BAIs) under [Agricultural Contract Management Enhancements Using Business Add-Ins](#) [Contract Settlement](#) [Separate Invoice](#) are related:

- [BAdI: Change Separate Invoice Header Details](#)
- [BAdI: Separate Invoice Split Criteria Addition](#)

For the [Fee Framework](#), the following Business Add-Ins (BAdIs) under [Agricultural Contract Management Enhancements Using Business Add-Ins > Contract Settlement > Fee Framework](#) are available:

- [BAdI: Fee Modification From BRF+ Based on Pricing Events](#)
- [BAdI: Modify Assigned Fees on Logistics Documents](#)
- [BAdI: Change Overfill Data at Settlements](#)
- [BAdI: Change Fee Validity Date for Logistics Documents](#)

## Related Information

[Separate Invoices Fees](#)

### 12.1.1.1.2 Fee Framework – Characteristic based Fees

This feature enables you to create fees where the charge to/from the counterparty is based on the quality characteristics that are captured in the load data capture (LDC) document.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-AGR-STL
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

To maintain the fee master data, execute the transaction code `/ACCGO/MAINT_FEE`.

## Effects on Customizing

For the *Fee Framework*, the following Business Add-Ins (BAIs) under [Agricultural Contract Management > Enhancements Using Business Add-Ins > Contract Settlement > Fee Framework](#) are available:

- *BAI: Fee Modification From BRF+ Based on Pricing Events*
- *BAI: Modify Assigned Fees on Logistics Documents*
- *BAI: Change Overfill Data at Settlements*
- *BAI: Change Fee Validity Date for Logistics Documents*

## Related Information

[Fees](#)

### 12.1.1.1.3 Fee Framework – Carry Fees

This feature enables you to create and settle carry fees in Agricultural Contract Management (ACM) with the ability to calculate a recurring charge and a premium. Carry fees support additional attributes such as start/end date of the in-charge and recurring rate or grace days prior to the first charge.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-AGR-STL
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

To maintain the fee master data, execute the transaction code `/ACCGO/MAINT_FEE`.

## Effects on Customizing

For the *Fee Framework*, the following Business Add-Ins (BAIs) under [Agricultural Contract Management > Enhancements Using Business Add-Ins > Contract Settlement > Fee Framework](#) are available:

- *BAdI: Fee Modification From BRF+ Based on Pricing Events*
- *BAdI: Modify Assigned Fees on Logistics Documents*
- *BAdI: Change Overfill Data at Settlements*
- *BAdI: Change Fee Validity Date for Logistics Documents*

## Related Information

[Fees](#)

### 12.1.1.1.4 Fee Framework - Fees in Storage Agreements

This feature enables you to plan *per UoM fees* on a storage agreement. Fees planned in storage agreements are considered during the storage settlements.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-AGR-STL
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

To maintain the fee master data, execute the transaction code `/ACCGO/MAINT_FEE`.

## Effects on Customizing

For the *Fee Framework*, the following Business Add-Ins (BAIs) under [Agricultural Contract Management > Enhancements Using Business Add-Ins > Contract Settlement > Fee Framework](#) are available:

- *BAdI: Fee Modification From BRF+ Based on Pricing Events*
- *BAdI: Modify Assigned Fees on Logistics Documents*
- *BAdI: Change Overfill Data at Settlements*
- *BAdI: Change Fee Validity Date for Logistics Documents*

## Related Information

[Fees](#)

### 12.1.1.1.5 Document Flow Workcenter – Additional Document Reversals

This feature enables you to reverse nomination items, sales order items, purchase order items and stock transport order (STO) items including all subsequent documents directly from the Document Flow Workcenter.

## Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-AGR-APP
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

To access the *Document Flow Workcenter*, execute the transaction code `/ACCGO/DFW_WC`.

## Related Information

[Document Flow](#)  
[Reversal using Document Flow Workcenter](#)

### 12.1.1.1.6 Capture Partial Weights in LDC

This feature enables you to capture multiple partial weights in one load data capture (LDC) event that can be aggregated into one goods movement posting.

#### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-AGR-LDC
Available As Of	SAP S/4HANA 1809 FPS02

### 12.1.1.1.7 Intracompany Split Call-Offs

This feature enables you to perform split call-offs and contract splits for intracompany transactions.

#### Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-AGR-APP
Available As Of	SAP S/4HANA 1809 FPS02

## 12.1.1.1.8 Intracompany Financial Postings at Settlement

This feature enables you to create financial entries during the settlement for intracompany transactions. It allows you to post the contract price in the profit center currency. To use this feature, parallel valuation of material ledger must be activated and set up in the system.

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-AGR-STL
Available As Of	SAP S/4HANA 1809 FPS02

## 12.1.1.1.9 Multiple Buy/Sell within Same Nomination and LDC

This feature enables you to execute multiple buy/sell scenarios while loads are in transit on the same vehicle. It allows you to use the same nomination and load data capture (LDC) for each transaction.

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-AGR-APP
Available As Of	SAP S/4HANA 1809 FPS02

## 12.1.1.1.10 MtM Financial Posting for Intracompany

This feature enables you to create financial mark-to-market (MtM) postings also for **intracompany** contracts. In previous releases this was limited only to **intercompany** contracts.

## Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-AGR-CM
Available As Of	SAP S/4HANA 1809 FPS02

### 12.1.1.1.11 Unplanned Sales Scenario

This feature enables you to execute unplanned sales scenarios without a prior call-off or contract reference in the load data capture (LDC). If no contract is found, the new functionality automatically determines the contracts and applies them or keeps the load in status *Ready to Apply*.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-AGR-APP
Available As Of	SAP S/4HANA 1809 FPS02

## Effects on Customizing

For the *Unplanned Sales Scenario* feature, the following Business Add-In (BAI) under [Agricultural Contract Management](#) > [Enhancements Using Business Add-Ins](#) > [Unplanned Scenario](#) is related:

- [BAI: Extend Selected Contracts in Contract Determination](#)

## Related Information

[Unplanned Scenarios](#)

## 12.1.1.1.12 Unplanned Purchase Scenario

This feature enables you to execute unplanned purchase scenarios without a prior call-off or contract reference in the load data capture (LDC). If no contract is found, the new functionality automatically determines the contracts and applies them or keeps the load in status *Ready to Apply*.

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-AGR-APP
Available As Of	SAP S/4HANA 1809 FPS02

### Effects on Customizing

For the *Unplanned Purchase Scenario* feature, the following Business Add-In (BAI) under [Agricultural Contract Management](#) [Enhancements Using Business Add-Ins](#) [Unplanned Scenario](#) is related:

- *BAI: Extend Selected Contracts in Contract Determination*

### Related Information

[Unplanned Scenarios](#)

## 12.1.1.1.13 New Load/Unload Location Optionality “Any”

This feature enables you to allow any load or unload location as an optionality on the contract.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-AGR-APP
Available As Of	SAP S/4HANA 1809 FPS02

## Related Information

[Contract Optionalities](#)

### 12.1.1.1.14 TSW Location Hierarchy as Load/Unload Location Optionality

This feature enables you to use a TSW location hierarchy as a load or unload location optionality. Any location assigned to the hierarchy is considered as a valid delivery location.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-AGR-APP
Available As Of	SAP S/4HANA 1809 FPS02

## Related Information

[Load Data Capture: Integration with Nomination and TSW](#)

## 12.1.1.15 Daily Grain Report (DGR)

This feature enables you to report on commodity inventory in a new reporting framework with various key figures, such as:

- Stock on storage
- Beginning book balance
- Incoming unloads for reporting period
- Outgoing loads for reporting period
- Unsettled loads
- Unpaid loads

The Daily Grain Report (DGR) framework provides the master data that enables the provision of relevant business-critical information (for example, licensing details per plant) as well as time-critical information (for example, end-of-day snapshots) in an effective and efficient manner.

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-AGR-APP
Available As Of	SAP S/4HANA 1809 FPS02

### Additional Details

To maintain the DGR master data, execute the following transaction codes:

- [Define Time for Daily Snapshots \(/ACCGO/DGR\\_DEF\\_SSHOT\)](#)
- [Maintain End-of-Day Snapshots \(/ACCGO/DGR\\_MNT\\_SSHOT\)](#)
- [Maintain License Plant Details \(/ACCGO/DGR\\_LIC\\_PLANT\)](#)
- [Maintain DGR Master Data \(/ACCGO/DGR\\_MAINT\)](#)

### Effects on Customizing

The following Customizing activities under [Agricultural Contract Management](#) > [Contract Application](#) > [Daily Grain Report](#) relate to this feature:

- [Assign Obligation Type to Obligation Type Group](#)
- [Maintain Plant and Plant Group](#)
- [Assign Auto Shippable Storage Locations for Plants](#)

## Related Information

[Daily Grain Report](#)

### 12.1.1.1.16 DGR Forwarding

With this feature you can forward stock obligations to another plant of the same company without requiring a physical stock transfer.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-AGR-APP
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

To access the [DGR Forwarding Maintenance](#), execute the transaction code `/ACCGO/DGR_FWD`.

## Effects on Customizing

The following Customizing activities under [Agricultural Contract Management](#) > [Contract Application](#) > [Daily Grain Report](#) relate to the [DGR Forwarding](#) feature:

- [Assign Obligation Type to Obligation Type Group](#)
- [Maintain Plant and Plant Group](#)
- [Assign Auto Shippable Storage Locations for Plants](#)

## Related Information

[Daily Grain Report](#)

### 12.1.1.1.17 Spot Immediate

With this feature you can create immediate spot contracts for incoming loads in case the vendor does not have open contractual agreements.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-AGR-APP
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

To access the [Manual Application Workcenter](#), execute the transaction code `/ACCGO/APP_WC`.

## Effects on Customizing

To maintain the templates for spot contracts, execute the transaction code `/ACCGO/MAINT_TEMPLAT`.

For the [Spot Contracts](#), the following Business Add-In (BAI) under [Agricultural Contract Management](#) [Enhancements Using Business Add-Ins](#) [Spot Contract](#) is related:

- [BAI: Determine Template and Change Price](#)

## Related Information

[Spot Contracts](#)

## 12.1.1.1.18 Spot End-of-Day

With this feature you can mark spot requests for end-of-day processing. The spot monitor creates contracts for such spot requests and price them automatically with the defined end-of-day price.

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-AGR-APP
Available As Of	SAP S/4HANA 1809 FPS02

### Additional Details

To access the *Manual Application Workcenter*, execute the transaction code /ACCGO/APP\_WC.

To access the *Spot Monitor*, execute the transaction code /ACCGO/APP\_SPOT.

### Effects on Customizing

To maintain the templates for spot contacts, execute the transaction code /ACCGO/MAINT\_TEMPLAT.

For the *Spot Contracts*, the following Business Add-In (BAI) under ► *Agricultural Contract Management* ► *Enhancements Using Business Add-Ins* ► *Spot Contract* ► is related:

- *BAI: Determine Template and Change Price*

### Related Information

[Spot Contracts](#)  
[Spot End of Day](#)

## 12.1.1.1.19 Credit Sales Contracts

With this feature you can manually maintain credit sales attributes in the contract. New configuration and master data enable you to maintain the contracts accordingly. The new functionality also provides an audit sequencing framework as per legal requirements.

### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-AGR-CC
Available As Of	SAP S/4HANA 1809 FPS02

### Additional Details

To access the *Credit Sales Report*, execute the transaction code `/ACCGO/PADCAD`.

To access the *Credit Sales Audit Sequence Pool*, execute the transaction code `/ACCGO/MAINT_CSASP`.

### Effects on Customizing

For the *Credit Sales Contracts* feature, the following Business Add-Ins (BAIs) under **► Agricultural Contract Management ► Enhancements Using Business Add-Ins ► Contract Creation ►** are related:

- *BAdI: Change Audit Sequence Number Assigned to the Contract Item*
- *BAdI: Make Trade Office Mandatory/Optional*

### Related Information

[Credit Sales Contracts](#)

## 12.1.2 Retail and Fashion

### 12.1.2.1 Retail for Merchandise Management

#### 12.1.2.1.1 Automatic Material Ledger Enabling for Sites

With this feature, when you create site master records, you can enable the use of the material ledger for a site in the site maintenance applications. If the material ledger is set live and actual costing is activated, actual costing is also set live when a site is created. The material ledger and actual costing settings are also enabled in site distribution scenarios.

#### Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-RFM-MD-SIT
Available As Of	SAP S/4HANA 1809 FPS02 SAP S/4HANA 1709 FPS04

#### Additional Details

In SAP S/4HANA, the use of the material ledger tool is mandatory and valuation in more than one currency is supported by default. Nevertheless, the material ledger tool must be explicitly enabled by activating the material ledger and setting it live for valuation areas. In the context of retail processes, a valuation area corresponds to a site; therefore, the material ledger needs to be set live for each site. The use of actual costing is optional.

Previously, the material ledger had to be activated for valuation areas manually in Customizing and then the material ledger had to be set live for the respective sites by using the [Production Startup of Mat. Ledger](#) transaction (CKMSTART). If activated, actual costing also had to be set live manually.

With this feature, these configuration steps are largely automated. Any manual configuration steps that might still be required to activate and set live the material ledger and actual costing for sites are now integrated in the site maintenance applications.

## Effects on Existing Data

To support the automatic enabling of the material ledger and actual costing when sites are created, the settings related to the material ledger and actual costing are now available on the user interface of the [Create Site](#) app (WB01) on the [Valuation/Inventory Mgmt](#) tab in a new section called [Material Ledger/Actual Costing](#).

The following settings are available:

### Material Ledger/Actual Costing Settings

User Interface (UI) Control	Setting Details
<a href="#">Material Ledger is Live</a> indicator	Read-only status indicator.  Indicates whether the material ledger has been set live for the valuation area.
<a href="#">Set Material Ledger Live</a> button	Not visible in the <a href="#">Create Site</a> app (WB01).  If the material ledger was not set live for a site when the site was created, it can be set live later by using the <a href="#">Maintain Site</a> app (WB02).
<a href="#">Material Ledger Type</a>	All sites with the same company code share the same material ledger type.  If a material ledger type is already maintained for any valuation area of a company code, then this material ledger type is set automatically for all sites with this company code.
<a href="#">Material Price Determination Control</a>	The material price determination is proposed when you create the article segment for the corresponding site.  If the price determination setting was not copied from a reference site, the system sets the value of this field to <a href="#">Transaction-Based (2)</a> . For more information, see <a href="#">Transaction-Based Material Price Determination</a> .
<a href="#">Price Determination is Binding</a>	Determines whether the default value for price determination is binding for all articles in the valuation area when these articles are created.
<a href="#">Actual Costing is Active</a> indicator	If actual costing is live, read-only.  To work with multi-level price determination, you can activate actual costing.
<a href="#">Actual Costing is Live</a> indicator	Read-only status indicator.  If actual costing is activated and the material ledger has already been set live, actual costing is set live explicitly by using the <a href="#">Set ML Actual Costing as Productive</a> transaction (FCML4H_STARTUP).

User Interface (UI) Control	Setting Details
<a href="#">Actual Activities Updated</a>	<p>If actual costing is not active, read-only.</p> <p>Controls whether and how the consumption of activities and processes are updated in the actual quantity structure.</p> <p>You can specify whether update is relevant to price determination.</p>
<a href="#">Control of Credit of Cost Centers</a>	<p>Only contains a value if actual costing is active, and only available if activity update is relevant to price determination (see <a href="#">Actual Activities Updated</a>).</p>
<a href="#">Actual Cost Component Split is Active</a> indicator	<p>If actual costing is not active, this indicator is not visible.</p> <p>For information about using the actual cost component split, see <a href="#">Actual Cost Component Split</a>.</p>

You can also display these settings using the [Display Site](#) app (WB03). You can display and change these settings by using the [Maintain Site](#) app (WB02).

If the material ledger was not set live for a site when the site was created, the [Set Material Ledger Live](#) button is available in the [Maintain Site](#) app (WB02).

If you create a site master record by copying a reference site, the settings related to the material ledger and actual costing are also copied. For information about using a reference site to create a new site, see [Reference Sites](#).

## Enabling the Material Ledger on Saving a Site Master Record

When you save a new or changed site master record by using the [Create Site](#) app (WB01) or the [Maintain Site](#) app (WB02) and a record exists for another site with the same company code for which the material ledger has already been set live then the material ledger is automatically set live for the new or changed site.

If the material ledger has not already been set live for another site with the same company code, when you save the site, the system prompts you that you can either save the site or save the site and set the material ledger live at the same time. If you only save the site, to enable the site for productive use, you must set the material ledger live later in the [Maintain Site](#) app (WB02) by using the [Set Material Ledger Live](#) button.

### Note

After the material ledger has been set live, it is not possible to change the material ledger type nor the company code later.

## Enabling Actual Costing (Optional)

Actual costing is optional and can be enabled at any time. If actual costing is activated and the material ledger has already been set live, the system prompts you that actual costing needs to be set live explicitly by using the [Set ML Actual Costing as Productive](#) transaction (FCML4H\_STARTUP) to generate content for specific data structures. The information message provides a link to this transaction.

## Effects on Data Transfer

Automatic enabling of the material ledger and actual costing for sites is also supported in the following site distribution scenarios:

- SAP S/4HANA source system to SAP S/4HANA target system
- SAP ERP source system to SAP S/4HANA target system
- SAP S/4HANA source system to SAP ERP target system

For information about these distribution scenarios and the handling of material ledger settings and actual costing during import and export, see [Site Distribution Scenarios](#).

## Effects on System Administration

If the settings for the material update structure are inconsistent, the system will display a message.

In this case, you need to make sure that there is an entry in database table CKMLAB01 where the ASCHEMA field equals 0001 in Customizing for [Controlling](#) under [Product Cost Controlling](#) [Actual Costing/Material Ledger](#) [Material Update](#) [Define Material Update Structure](#).

## Effects on Configuration

### Note

For retail processes, material ledger types are still defined in Customizing for [Controlling](#) under [Product Cost Controlling](#) [Actual Costing/Material Ledger](#) [Assign Currency Types and Define Material Ledger Types](#) (transaction OMX2).

The following tables give an overview of the mandatory configuration steps required to enable the material ledger and the configuration steps required to optionally enable actual costing for sites and also where the new configuration settings can be found in the site maintenance applications.

Mandatory Steps for Material Ledger Enabling: Previous Configuration Settings vs. New Configuration Settings

Mandatory Step	Previous Configuration Setting	New Configuration Setting
Activate material ledger	<a href="#">Controlling</a> <a href="#">Product Cost Controlling</a> <a href="#">Actual Costing/Material Ledger</a> <a href="#">Activate Material Ledger for Valuation Areas</a> (transaction OMX1)	<p><a href="#">Create Site</a> app (WB01) and <a href="#">Maintain Site</a> app (WB02):</p> <ul style="list-style-type: none"> <li>• Material ledger is activated automatically</li> <li>• <a href="#">Material Price Determination Control</a></li> <li>• <a href="#">Price Determination is Binding</a></li> </ul>

Mandatory Step	Previous Configuration Setting	New Configuration Setting
Assign material ledger types to valuation areas	<a href="#">Controlling</a> > <a href="#">Product Cost</a> <a href="#">Controlling</a> > <a href="#">Actual Costing/Material Ledger</a> > <a href="#">Assign Material Ledger Types to Valuation Areas</a> (transaction OMX3)	<a href="#">Create Site</a> app (WB01) and <a href="#">Maintain Site</a> app (WB02): <a href="#">Material Ledger Type</a> can be specified or changed.

Set material ledger live	<a href="#">Production Startup of Mat. Ledger</a> transaction (CKMSTART)	<ul style="list-style-type: none"> <li>• <a href="#">Create Site</a> app (WB01) and <a href="#">Maintain Site</a> app (WB02): Material ledger is automatically set live on saving a site master record; status indicated by the read-only <a href="#">Material Ledger is Live</a> indicator.</li> <li>• <a href="#">Maintain Site</a> app (WB02): <a href="#">Set Material Ledger Live</a> button can be used to set the material ledger live later.</li> </ul>
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Optional Steps for Actual Costing: Previous Configuration Settings vs. New Configuration Settings

Optional Step	Previous Configuration Setting	New Configuration Setting
Activate actual costing	<a href="#">Controlling</a> > <a href="#">Product Cost</a> <a href="#">Controlling</a> > <a href="#">Actual Costing/Material Ledger</a> > <a href="#">Actual Costing</a> > <a href="#">Activate Actual Costing</a>	<a href="#">Create Site</a> app (WB01) and <a href="#">Maintain Site</a> app (WB02): <ul style="list-style-type: none"> <li>• <a href="#">Actual Costing is Active</a> indicator</li> <li>• <a href="#">Actual Activities Updated</a></li> <li>• <a href="#">Control of Credit of Cost Centers</a></li> </ul>

Set actual costing live	<a href="#">Set ML Actual Costing as Productive</a> transaction (FCML4H_STARTUP)	<ul style="list-style-type: none"> <li>• <a href="#">Create Site</a> app (WB01) and <a href="#">Maintain Site</a> app (WB02): Actual costing is automatically set live on saving a site master data record (at the same time as the activation of the material ledger); status indicated by the read-only <a href="#">Actual Costing is Live</a> indicator</li> <li>• If the material ledger is already activated for the site, the <a href="#">Set ML Actual Costing as Productive</a> transaction (FCML4H_STARTUP) must be used to set actual costing live.</li> </ul>
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Activate actual cost component split	<a href="#">Controlling</a> > <a href="#">Product Cost</a> <a href="#">Controlling</a> > <a href="#">Actual Costing/Material Ledger</a> > <a href="#">Actual Costing</a> > <a href="#">Activate Actual Cost Component Split</a>	<a href="#">Create Site</a> app (WB01) and <a href="#">Maintain Site</a> app (WB02): <a href="#">Actual Cost Component Split is Active</a> indicator
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## Related Information

[SAP Note 2684449](#) 

### 12.1.2.1.2 Logistical Products: Enablement of Full Products

This feature enables you to create procurement products based on a sales product that contains empties, that is, you can use full products as logistical products.

## Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-RFM-MD-ART (Article)
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

A logistical product with full products is composed of one sales product and one or more procurement products that include full products with empties as components.

A logistical product with full products has a similar structure to a logistical product that does not include empties. For more information about the structure of logistical products, see [Logistical Product](#).

## Effects on Existing Data

With the [Create Procurement Products](#) app you can create procurement products based on a sales product in a specific unit of measure to be used for stock separation. Previously, empties and full products were not supported, but as of this release, you can also create procurement products based on a sales product that contains empties.

You create a procurement product based on a product that contains empties in the same way that you create a procurement product based on a product without empties. However, the following prerequisites must be met.

## Prerequisites for Creating Procurement Products Based on Full Products

- A bill of material for the base unit of measure of the sales product must exist.
- A bill of material for the chosen order unit and issue unit of measure must exist.
- The bills of material (BOM) for the order unit and the issue unit must match, that is, have the same number of BOM components and the BOM components must be the same.

The base unit of measure (UoM) of a procurement product is the same as one of the following, depending on the configuration setting defined when the use of logistical products is enabled.

- Base UoM of procurement products is the same as the **base UoM of the associated sales product**
- Base UoM of procurement products is the same as the **issue unit of the procurement product**

You make this setting in Customizing for *Logistics - General* under [▶ Article Master](#) [▶ Retail-Specific Settings](#) [▶ Settings for Logistical Products](#) [▶ Define Handling of Logistical Products](#) [▶](#).

## Related Information

[Logistical Products with Full Products](#)

### 12.1.2.1.3 Logistical Products: Change and Delete Assignments

With this feature you now have greater support when you change assignments and you can delete future assignments for logistical products. Furthermore, you can now change and delete dependent assignments at the same time.

## Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-RFM-MD-ART (Article)
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

You create, change, and delete assignments by using the [Assign Logistical Products](#) app. An assignment specifies from which supplier and within which period a distribution center or store can procure a product in a specific unit of measure.

A typical use case for changing assignments is when the validity period of an assignment needs to be shortened because the respective product will soon need to be procured in a different unit of measure or when the assignment was created for the wrong validity period. The typical use cases for deleting assignments are when an assignment was created for the wrong product or a future assignment is no longer needed.

### Assignment Dependencies

One assignment depends on another assignment (that is, dependent assignments exist) in the following cases:

- Both assignments are for the same product.
- The validity periods of both assignments overlap.
- The receiving distribution center (DC) of one assignment, for example, the DC in a [Supplier-DC](#) assignment, is the supplying DC of another assignment, for example, in a [DC-Store](#) assignment.

Purchasing documents depend on an assignment in the following cases:

- A purchasing document contains the product of the assignment.
- The supplying site in a purchasing document and in the assignment is the same.
- At least one receiving site in a purchasing document is the same as the receiving site in the assignment.
- At least one delivery date in the purchasing document lies within the validity period of the assignment.

## Effects on Existing Data

If you want to change assignments, you can now also change certain dependent assignments at the same time. Furthermore, you can now delete assignments and you can delete certain dependent assignments at the same time.

If the source determination of any purchasing document items is affected by changing or deleting any assignments or dependent assignments, warnings are displayed. For more information, see [Logistical Products in Logistics Processes](#) under *Procurement*.

The following sections give a basic overview of the functions available for changing and deleting assignments. For more detailed information, please see [Changing and Deleting Assignments](#).

### Change Selected Assignments

In the [Assign Logistical Products](#) app, select the assignments you want to change and then click the [Change selected assignments](#) icon. The [Change Selected Assignments](#) dialog box opens.

If a selected or dependent assignment is currently valid, you cannot change the start of the validity period; however, you can change the end of the validity period. If any other assignments depend on any of the selected assignments, warnings are displayed. You can ignore any warnings and save the changes to the assignments or you can cancel your changes.

#### → Recommendation

We recommend that you analyze all warnings before you save your changes.

## Delete Selected Assignments

In the *Assign Logistical Products* app, select the assignments you want to delete and then click the *Delete selected assignments* icon. The *Delete* dialog box opens.

If a selected or dependent assignment is currently valid, you cannot delete the assignment. If any of the selected assignments depend on any other assignments or if any other assignments depend on the selected assignments, warnings are displayed. You can ignore any warnings and delete the assignments or cancel.

### → Recommendation

We recommend that you analyze all warnings before you delete any assignments.

## Change Also Dependent Assignments

If it is possible to change the selected assignments and their dependent assignments at the same time, in the *Change Selected Assignments* dialog box under *Dependent Assignments*, you can enable the *Change Also Dependent Assignments* option.

## Delete Also Dependent Assignments

If it is possible to delete the selected assignments and their dependent assignments at the same time, in the *Delete* dialog box under *Dependent Assignments*, you can enable the *Delete Also Dependent Assignments* option.

If a complex hierarchy of dependent assignments exists, to change or delete any dependent assignments, you must explicitly select them manually.

## Display Errors During Assignment

When you create assignments, if logistics data for the sites specified in any assignments does not exist in the master data record of a procurement product, the system automatically generates this data by copying the data from the corresponding reference site. If any errors occur during the creation of the logistics data, you are now prompted by a notification and can review the error details by clicking *Display Errors During Assignment*.

## 12.1.2.1.4 Logistical Products: Support of Additional Processes

This feature enables you to use logistical products in the following logistics processes:

- Allocation table processing
- Collective purchase order management
- Replenishment and material requirements planning

## Technical Details

Type

Changed

Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	LO-RFM-MD-ART (Article)
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

A logistical product is a product that enables retail companies to manage the same product in different units of measure in a distribution center. For more information, see [Logistical Product](#).

You use logistical products to define which procurement products or sales products can be procured by sites from which internal or external supplier within a given period. Logistical products, like other products, are processed in various logistics processes.

## Effects on Existing Data

In addition to working with logistical products in purchase order processing and stock transport ordering, you can now use logistical products in further logistics processes.

### Allocation Table Processing

You use allocation tables to plan the distribution of logistical products in the same way as for other product categories by using the [Create Allocation Table](#) app (transaction `WA01`). For information about working with the allocation table tool, see [Allocation Table Processing](#).

The system processes logistical products based on a slightly different logic. For more information, see [Logistical Products in Logistics Processes](#) under *Allocation Table Processing*.

### Collective Purchase Order Management

If you plan merchandise distribution using collective purchase orders, you create collective purchase orders for logistical products using the [Create Collective Purchase Orders](#) app (transaction `WF10`).

If you plan merchandise distribution using collective purchase orders, you create collective purchase orders for logistical products using the [Create Collective Purchase Orders](#) app (transaction `WF10`).

On the selection screen, if you select sales products, the associated procurement products are also identified and follow-on documents are also generated for these procurement products.

For information about planning using a collective purchase order, see [Collective Purchase Order](#).

### Replenishment for Sites

You can now execute replenishment to supply stores with logistical products by using the [Execute Rapid Replenishment](#) app (transaction `WRP1R`).

For more information, see [Replenishment: Logistical Products](#) under *Replenishment for Sites*.

## Replenishment Planning for Distribution Centers (MRP)

You can now execute replenishment planning for procurement products in distribution centers by using the following applications:

- *Change Article, Maintain Article* app (transaction MM42)  
You enter forecast data such as forecast models for procurement products in article maintenance.
- *Execute Material Forecast* app (transaction MP30)  
You can carry out an individual forecast for a specific combination of procurement product and distribution center.

You can now execute planning runs also for procurement products by using the following applications:

- *Requirements planning per vendor* app (transaction MDW1)
- MRP Live optimized for SAP HANA: *Schedule MRP Runs* app (transaction MD01N or app ID F1339)  
For more information about requirements planning using MRP live, see [Carrying Out the Planning Run Using MRP Live](#).
- Classic MRP:
  - *Schedule MRP Runs* app (transaction MD01)
  - *MRP - Single-Item, Multi-Level* app (transaction MD02)
  - *MRP-Individual Planning-Single Level* app (transaction MD03)

For more information, see [Replenishment: Logistical Products](#).

## Related Information

[Working with Logistical Products](#)

## 12.2 Energy & Natural Resources

### 12.2.1 Utilities

#### 12.2.1.1 SAP Waste & Recycling

##### 12.2.1.1.1 Enhanced authorization check

You can use this function to activate additional, data-dependent authorization checks for selected applications:

- **Authorization checks for multiple item weighing**  
Multiple item weighing enables you to activate additional authorization checks for the waste disposal facility, contract, customer, waste disposal order and waste disposal order item.  
The authorization check is disabled as a default setting.
- **Authorization checks for the operations log**  
It is possible to activate additional authorization checks for the waste disposal facility in the operations log.

The authorization check is disabled as a default setting.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	IS-U-WA
Available As Of	SAP S/4HANA 1809 FPS02

## Related Information

[Enhanced authorization check](#)

### 12.2.1.1.2 Adjustment of the multiple item weighing to the Belize theme

The GUI in transaction `EWAWA_MULTI` has been adapted to the Belize theme as follows:

- Some buttons have been renamed
- The *Item List* grid has been moved up and now appears before *Details*.
- The *Weighing Transaction* submenu in the menu bar has been shortened to make it easier to make the following selections: *Copy Completely* and *Copy from Template*.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	IS-U-WA
Available As Of	SAP S/4HANA 1809 FPS02

### 12.2.1.1.3 Consistency checks on the service frequency

This feature enables you to make new settings in Customizing that allow you to activate or deactivate certain checks. This includes the following:

- Check for the alternative start date: The validity of the alternative start date is checked. It must not occur before the start or after the end of the service.
- If a route is entered, the system checks whether this route has a suitable service frequency. If this is not the case, the system issues an error message and you cannot save the service.

#### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	IS-U-WA
Available As Of	SAP S/4HANA 1809 FPS02

#### Effects on Customizing

You can find the new setting in the Implementation Guide under:

► [SAP Utilities](#) ► [Waste Management](#) ► [Master Data](#) ► [Service Frequency](#) ► [Incompleteness Check for Service Frequency and under Consistency Checks for Service Frequency](#) ►

### 12.2.1.2 SAP S/4HANA Utilities Integration with SAP Marketing Cloud

With this feature you can reduce the time to implement the SAP Marketing Cloud solution for the utilities industry by providing standard integration from the SAP S/4HANA Utilities solution through the following functionalities:

- Integration APIs to enable utilities-specific data replication from SAP S/4HANA Utilities to SAP Marketing Cloud
- Availability of data from the following utilities business entities and utilities data for replication:
  - Business partner
  - Contract account
  - Contract

- Premise
- Interaction data
- General data

## Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	IS-U-CS-MA (Marketing)
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details

### Benefits

- Standard integration of utilities-specific data to SAP Marketing Cloud, which enables utilities-specific customer profiling and segmentation
- Reduced time to implement SAP Marketing Cloud in the utilities industry

## Effects on Customizing

The new Business Add-In (BAI) *IS-U Interaction Data for Customer-Defined Logic* was added to Customizing. For more information, see Customizing for *BAI: IS-U Interaction Data for Customer-Defined Logic* under [▶ SAP Utilities ▶ Customer Service ▶ Marketing Integration ▶ Business Add-Ins ▶](#).

The new Business Add-In (BAI) *IS-U General Data for Customer-Defined Logic* was added to Customizing. For more information, see Customizing for *BAI: IS-U General Data for Customer-Defined Logic* under [▶ SAP Utilities ▶ Customer Service ▶ Marketing Integration ▶ Business Add-Ins ▶](#).

The new Business Add-In (BAI) implementation *Implementation: BAI IS-U General Data for Customer-Defined Logic* was added to Customizing. For more information, see Customizing for *Implementation: BAI IS-U General Data for Customer-Defined Logic* under [▶ SAP Utilities ▶ Customer Service ▶ Marketing Integration ▶ Business Add-Ins ▶](#).

The new Business Add-In (BAI) implementation *Implementation: BAI IS-U Premise Data for Customer-Defined Logic* was added to Customizing. For more information, see Customizing for *Implementation: BAI IS-U Premise Data for Customer-Defined Logic* under [▶ SAP Utilities ▶ Customer Service ▶ Marketing Integration ▶ Business Add-Ins ▶](#).

## Related Information

[Integration with SAP Marketing Cloud](#)

[SOAP API for Utilities Interaction – Create \[page 140\]](#)

[SOAP API for Utilities General Data – Bulk Replicate \[page 140\]](#)

### 12.2.1.2.1 SOAP API for Utilities Interaction – Create

With this feature you can use an asynchronous (A2A) outbound service to replicate specified event-based data (for example, a customer opts out of direct debit) to other systems.

#### Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	IS-U-CS-MA (Marketing)
Available As Of	SAP S/4HANA 1809 FPS02

## Related Information

[Utilities Interaction – Create](#)

### 12.2.1.2.2 SOAP API for Utilities General Data – Bulk Replicate

With this feature you can use an asynchronous (A2A) outbound service to replicate transactional data such as the average annual consumption and the average annual bill amount and currency as well as other data in bulk from SAP S/4HANA Utilities to other systems.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	Not applicable
Application Component	IS-U-CS-MA (Marketing)
Available As Of	SAP S/4HANA 1809 FPS02

## Related Information

[Utilities General Data – Bulk Replicate](#)

## 12.3 Financial Services

### 12.3.1 Insurance

#### 12.3.1.1 Policy Management

##### 12.3.1.1.1 Remote-enablement of Reversal Notification

You can now schedule reversal notifications in a policy or a contract, using the remote-enabled function module (RFM) / PM0 / ABT\_SVC\_CANCEL (Policy/Contract Reversal).

## Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	FS-PM-BP-RV (Reversal)

## Additional Details

You can also do the following:

- Simulate the scheduling
- Save the reversal request  
In this scenario, you would then need to release or reject the reversal request to schedule the BTS date.
- Release the reversal request and schedule the corresponding BTS date.

For more information about the RFM /PM0/ABT\_SVC\_CANCEL (Policy/Contract Reversal), see the function module documentation.

## Related Information

[Notify of Reversal](#)  
[RFMs for Reversal](#)

### 12.3.1.1.2 Improved Cash Flow Creation Without Cancelling Collection Intervals

The process for cancelling premium collection intervals has been improved.

It was already possible to configure dates for the business transaction scheduler (BTS) and the time model function (TMF) so that the dates do not affect the end of the collections interval.

Now you can avoid automatic cancellation of processing activities and having to restart processing activities within the same premium interval.

You now have two options for ensuring the completeness of non cash flow documents for premium splitting in the *P&C* and *Auto* lines of business:

- Creation of delta non cash flow documents for BTS dates or dates for time model functions not relevant for the collections interval end
- Separation of premium splitting from cash flow creation (similar to the *Life* line of business)

## Technical Details

Type	Changed
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	FS-PM-TL-TM (Time Model)
Available as of	SAP S/4HANA 1809 FPS02

## Additional Details

When you execute TMF dates that are configured not to interrupt the validity period of the journal entry created by the collection TMF, you can now do so without canceling previous processing activities from the same validity period. Therefore, the processing activities do not need to be executed a second time.

This is useful, for example, in the following situation:


1. There is a policy for which a cash flow has been created for a premium interval (for example, a year) according to the payment frequency.
2. A non-interruptive BTS or TMF date is scheduled and executed within the premium interval. This means that the premium interval is not split, but an additional cash-flow is created, which is linked to the journal entry of the related processing.
3. Another non-interruptive BTS or TMF date is scheduled later in the same premium interval.



Cash flow documents that are created for recurrent premiums in P&C are subject to premium splitting, regardless of how these cash flow documents were created.

There are new TMFs that enable you to separate the creation of cash flow items for the premium collection from the creation of non-cash flow documents and ensure that non-cash flow documents are complete. These are:

- `PREMSPLIT_PC (P&C)` and `/MVA/PREMSPLIT_MV (Auto)`: For recurring premiums
- `ONETIMEPREMSPLIT_PC (P&C)` and `/MVA/ONETIMPRESPL_MV (Auto)` : : For single premiums

## Effects on Customizing

You configure BTS and TMF dates in Customizing for Policy Management (FS-PM). Choose [► In-Force Business Management ► Basis ► Update](#) 

- [► Time Model ► Define Dates for Time Model Functions](#) 
- [► Business Transaction Scheduler \(BTS\) ► Process IDs for BTS Dates](#) 

You specify whether the date is to interrupt a premium interval by marking the corresponding checkbox in each of the above Customizing activities.

## Related Information

[Date Processing](#)

[Premium Splitting for P&C/Non-Life Line of Business](#)

[Splitting of Single Premium for P&C/Non-Life Line of Business](#)

### 12.3.1.1.3 Adjustment of User Interface Using Function Code PM0\_BTDYN\_001

You can use this feature to adjust the function key for function code PM0\_BTDYN\_001 according to your particular requirements on the user interface. For instance you can use the function key to navigate to the correspondence function.

You do this with the Business Add-In (BAI) /PM0/ABX\_GUISTATUS\_BADI (*BAI: Adjust Function Code PM0\_BTDYN\_001 for User Interface*).

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	FS-PM
Available as of	SAP S/4HANA 1809 FPS02

## Effects on Customizing

You can find the BAI in Customizing for *SAP Insurance* under [► Policy Management ► In-Force Business Management ► Basis ► Business Transactions, Actions, and Process Steps ► Business Add-Ins \(BAIs\) ► BAI: Adjust Function Code PM0\\_BTDYN\\_001 for User Interface ►](#).

### 12.3.1.1.4 Transformation into Policy Management in SAP S/4HANA

You can now transform your data from SAP Policy Management 5.4 to Policy Management in SAP S/4HANA.

For information about the required preparation, see SAP Note 2767840.

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	FS-PM
Available As Of	SAP S/4HANA 1809 FPS02

### 12.3.1.1.5 Deletion of Reinsurance Interface Data

With this feature you can use the program `/PM0/ABT_RI_DEL_INTERIM_TABLE` to delete the data for the interface to Reinsurance Management (FS-RI) that you no longer need in Policy Management in SAP S/4HANA (FS-PM).

## Technical Details

Type	New
Available In	Available in all countries/regions
Scope Item	No scope item required
Application Component	FS-CM
Available As Of	SAP S/4HANA 1809 FPS02

## Additional Details


For more information, see the program documentation.

## Effects on Existing Data

The program deletes the data records in the following interface tables:

- /PM0/ABDTRIDATA
- /PM0/ABDTTRALLOC
- /PM0/ABDTTRIPREM
- /PM0/ABDTTRSEQ
- /PM0/ABDTTRSPLIT

## Effects on System Administration



- If you use FS-RI interface data for your own evaluation, run the program after this evaluation.
- You need the required authorization to run the program. This is assigned using the authorization object /PM0/ABUUACTION, action ID 57 (*Clean Up FS-RI Interface Data*).
- You can start the program on the *SAP Easy Access* screen under [► Insurance ► Policy Management ► In-Force Business Management ► Periodic Processing ► Clean Up FS-RI Interface Data](#) .

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