What's New in SAP S/4HANA 2022 FPS02

THE BEST RUN **SAP**

Content

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 Management

2.1.1 Maintenance Order: Document Transfer to Purchase Requisition

When you assign documents to a non-stock component or a lean service in a maintenance order on the SAP Web UI for Plant Maintenance, these documents are now automatically copied to the relevant purchase requisition item and thereby shared with purchasers if the document type is configured accordingly in Customizing. When you remove a document assignment from an item for which a purchase requisition has already been created, the document is also removed from the purchase requisition. You can no longer remove the corresponding document assignments in the maintenance order once a purchase order has been created.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	BH1 (Corrective Maintenance)
	BH2 (Emergency Maintenance)
	BJ2 (Preventive Maintenance)
	4HH (Reactive Maintenance)
	4HI (Proactive Maintenance)
Application Component	`PM-WOC-MO` (*Maintenance Orders*)
Valid as Of	SAP S/4HANA 2022 FPS02

Effects on Customizing

To enable documents to be copied from a maintenance order component (material or lean service) to the relevant purchase requisition item, you need to maintain a link to the object EBAN (*Purchase Req. Item*) for the relevant document type in Customizing for *Cross-Application Components* under ▷ *Document Management* ▷ *Control Data* ▷ *Define DMS Document Types* ▷.

Related Information

Document Assignments in Maintenance Orders

2.1.2 Maintenance Order: Has Open Main Work

When a maintenance order is created, the *Has Open Main Work* checkbox is automatically selected in the order header. This checkbox indicates whether an order still has unfinished operations with the execution stage MAIN.

The system deselects the *Has Open Main Work* checkbox as soon as all MAIN operations have the *PWF (Planned Work Finished)* system status. With this feature, control keys that are assigned to order operations are also taken into account when it comes to deselecting the *Has Open Main Work* checkbox.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	BH1 (Corrective Maintenance)
	BH2 (Emergency Maintenance)
	BJ2 (Preventive Maintenance)
	4HH (Reactive Maintenance)
	4HI (Proactive Maintenance)
Application Component	`PM-WOC-MO` (*Maintenance Orders*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

You may have configured control keys that do not allow confirmations to be posted or allow confirmations to be posted only on a voluntary basis. If you assign such a control key to an order operation, the system deselects the *Has Open Main Work* checkbox according to the following logic:

- **Order operations that have a control key that prohibits the posting of a final confirmation**
  The system deselects the *Has Open Main Work* checkbox in the maintenance order without considering the system statuses of any order operations with a control key that does not allow a confirmation to be posted.
- **Order operations that have a control key that allows but does not require the posting of a final confirmation**

When it comes to deselecting the *Has Open Main Work* checkbox, the system checks whether a partial time confirmation has already been posted for the operations with the respective control key.

- If internal or external main work has been partially confirmed and the corresponding order operation has the system status *PCNF (Partially Confirmed)* or *SEPC (Service Partially Confirmed)*, the system does not deselect the *Has Open Main Work* checkbox unless the order operation has been set to *PWF (Planned Work Finished)*.
- If the order operations have not yet been partially confirmed, the system deselects the *Has Open Main Work* checkbox in the maintenance order without considering the system statuses of these order operations.

Related Information

Has Open Main Work

2.1.3 SAP Spatial Asset Management

The enhancements in SAP Spatial Asset Management are as follows:

- The *Spatial Data Explorer* app supports the z attribute while measuring the distance and the area. This allows you to receive accurate measurements in the 3D maps.
- You can now provide the business object, object list, and GEF ID as parameters in the URL for the apps *Spatial Data Editor* and *Spatial Data Explorer*.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`CA-EPT-GEF` (*GEO Enablement Framework*)
Valid as Of	SAP S/4HANA 2022 FPS02

2.1.4 Linear Asset Management

You can now view a graphical representation of object network in a separate screen which is a Fiori-based user interface. Previously, the graphical views were displayed in the SAP GUI screen.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PM-EQM-ON (*Object Networking*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

To enable graphical representation of object network, maintain the configuration that is given for viewing dynamic segments of linear data. For more information, see View Dynamic Segments of Linear Data.

Related Information

View Dynamic Segments of Linear Data

2.1.5 Assigning Real Estate Objects to Technical Objects

You can now assign real estate objects to technical objects if you have activated the *SAP Intelligent Real Estate* product.

Technical Details

Type	New
Functional Localization	Not applicable

Scope Item	BH1 (Corrective Maintenance)
	BH2 (Emergency Maintenance)
	BJ2 (Preventive Maintenance)
	4HH (Reactive Maintenance)
	4HI (Proactive Maintenance)
Application Component	PM-EQM (*Technical Objects*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Information

To assign real estate objects to technical objects, SAP Intelligent Real Estate needs to be activated. For more information, see SAP Note 3218235

Related Information

Technical Objects on the Web User Interface (PM-EQM)
Functional Locations (CS-BD/PM-EQM-FL)
Equipment

2.1.6 Permit to Work: Create Work Permit Request

With this app, you can create new work permit with reference to an existing maintenance order, a predesigned work permit template, or independently. You can assign additional information such as technical objects, additional orders and operations, partners, nature of work items, safety precautions, personal protective equipment items, and so on to enhance the work permit with details related to the work activity and the safety procedures.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable

Application Component	PM-WCM
	(*Work Clearance Management*)
Valid as Of	SAP S/4HANA 2022 FPS02

Effects on Customizing

For the Customizing entries required for the Permit to Work scenarios, go to ▶ *Plant Maintenance and Customer Service* ❯ *Work Clearance Management* ❯ *Permit to Work* ◀.

Related Information

Permit to Work

2.1.7 Permit to Work: Manage Work Permits

With this app, you can create new permits or manage the existing work permits that are active, non-active, or closed in the system. New work permits can be created with reference to an existing maintenance order, a predesigned work permit template, or independently. Once the work permit has been created, you can enhance the record with additional details related to the work activity and the safety requirements.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PM-WCM
	(*Work Clearance Management*)
Valid as Of	SAP S/4HANA 2022 FPS02

Effects on Customizing

For the Customizing entries required for the Permit to Work scenarios, go to ▶ *Plant Maintenance and Customer Service* > *Work Clearance Management* > *Permit to Work* ▶.

Related Information

Permit to Work

2.1.8 Permit to Work: Manage Work Permit Templates

With this app, you can create new work permit templates or manage the existing templates that are active, non-active, or closed in the system. Once the work permit template has been created, you can enhance the record with additional details related to the work activity and the safety requirements. A partially approved or a fully approved template can be used as a reference template in the *Manage Work Permits* and the *Create Work Permit Request* apps to generate work permits in a consistent format.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PM-WCM
	(*Work Clearance Management*)
Valid as Of	SAP S/4HANA 2022 FPS02

Effects on Customizing

For the Customizing entries required for the Permit to Work scenarios, go to ▶ *Plant Maintenance and Customer Service* > *Work Clearance Management* > *Permit to Work* ▶.

Related Information

2.1.9 CDS Views for Maintenance Orders and Operations

With this feature, changes have been made to CDS views for maintenance orders and operations:

- New attributes are available in the CDS view *Maintenance Order Cube with Technical Object* (`I_MaintOrderTechObjCube`).
- The CDS view *Maintenance Order Operation Data* (`I_MaintOrderOperationData`) has been deprecated. You can use the following successor CDS view: *Maintenance Order Operation* (`I_MaintOrderOperation_DEX`).

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	BH1 (Corrective Maintenance)
	BH2 (Emergency Maintenance)
	BJ2 (Preventive Maintenance)
	4HH (Reactive Maintenance)
	4HI (Proactive Maintenance)
Application Component	PM-WOC-MO (*Maintenance Orders*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

The following new attributes are available in the CDS view *Maintenance Order Cube with Technical Object* (`I_MaintOrderTechObjCube`):

- *Process Phase* (`MaintOrdProcessPhaseCode`)
- *Process Subphase* (`MaintOrdProcessSubPhaseCode`)
- *Processing Context* (`MaintOrderProcessingContext`)
- *Previous Latest Acceptable Completion Date* (`PrevLtstAccptblCompletionDate`)

- *Latest Acceptable Completion Date* (`LatestAcceptableCompletionDate`)

The following new attributes are available in the successor CDS view: *Maintenance Order Operation* (`I_MaintOrderOperation_DEX`):

- *Process Phase* (`MaintOrdProcessPhaseCode`)
- *Process Subphase* (`MaintOrdProcessSubPhaseCode`)
- *Execution Stage* (`MaintOperationExecStageCode`)

Related Information

Maintenance Order Cube with Technical Object
Maintenance Order Operation Data

2.2 Country/Region Specifics

For country/region-specific changes, please see Country/Region Specifics [page 83].

3 Finance

3.1 Financial Planning and Analysis

3.1.1 Financial Planning

3.1.1.1 Content Enhancements for Integrated Financial Planning in SAP Analytics Cloud

The following enhancements are available with SAP Analytics Cloud 2023 Q2 for the business content Integrated Financial Planning:

- Year switch from 2023 to 2024 for all models and stories
- Account setting in sales quantity planning and OPEX quantity planning
- Enhancements to the reporting story in financial statement planning
- Enhancements to reporting stories
- Enhancements to public dimensions
- Additional filter for specific languages for master data import
- New master data imports

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	4RC
	5PU
	1YB
Application Component	CO-FIO-SAC-PL (*SAP Analytics Cloud Planning Content*)
Valid as Of	SAP S/4HANA 2022 FPS02

Details

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

Year switch from 2023 to 2024 for all models and stories

The time horizon for planning in the standard content has been switched from 2023 to 2024 for all models, stories, and data actions. The planning time horizon is now aligned with the current year 2023.

Account setting in sales quantity planning and OPEX quantity planning

Account handling in sales and profitability planning and OPEX planning has been simplified to reduce manual effort and avoid inconsistencies. When performing sales quantity planning, you no longer have to enter a G/L account manually. The G/L account for quantities is now derived automatically during the finalization steps. Therefore, the corresponding data action was renamed `Derive FA & G/L Acct` (derive functional area and G/L account).

For sales and profitability planning, you now have the option to split the price for a product. The sales quantity of the individual product is multiplied by the prices for the different accounts that make up the total price for a product. The different components of the price are then considered in the revenue calculation.

When you perform OPEX activity output planning, the G/L account for quantities and capacity is also derived automatically from the cost center activity type during the finalization steps. Therefore, the corresponding data action has been renamed `Derive PrCtr, FA & G/L Acct` (derive profit center, functional area, and G/L account).

For more information, see:

- Sales and Profitability Planning in SAP Analytics Cloud
- Operating Expense Planning in SAP Analytics Cloud

Enhancements to the reporting story in financial statement planning

The reporting story of financial statement planning has been enhanced with a dedicated KPI view. In the KPI view, you can analyze key performance indicators.

Screenshot of financial statement reporting, view KPIs with Actual column

For more information, see Financial Statement Planning in SAP Analytics Cloud

Enhancements to reporting stories

In all reporting stories, the Actual column has been added to the tables. This allows you to compare actual data with plan data.

Enhancements to public dimensions

The public dimensions that you can find in the workspace *Dimension* have been enhanced with the following information:

- The `Row_Source` column has been added. It shows whether the master data was imported from SAP S/4HANA or SAP S/4HANA Cloud or created manually within SAP Analytics Cloud. This way, you can easily distinguish between public dimensions by their source.
- An additional `Hierarchy2` column has been added that you can use, for example, for special content or customer-specific purposes.

Screenshot of the workspace Dimenension with columns Hierarchy2 and Row_Source

Additional filter for specific languages for master data import

In the past, only master data with language English could be imported into SAP Analytics Cloud. Now, you can also import master data in languages other than English. Note that English is the default language.

New master data imports

All master data imports have been rebuilt to cover the functions mentioned above. Note that you have to delete the old master data imports manually if they are no longer needed.

Related Information

[Financial Planning in SAP Analytics Cloud](#)

3.2   Accounting and Financial Close

3.2.1 Organizational Changes in Accounting

With this feature, you can reorganize profit centers for selected objects. Profit centers for these objects are reassigned and their stocks or balances are reposted to the new organizational entities.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	4PG
Application Component	FI-GL-OC (*Organizational Changes in Accounting*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

Now, you can reorganize profit centers for maintenance orders. For more information, refer to Orders.

Effects on Existing Data

The reorganization of profit centers ensures adjustments of master data and transfer postings for selected balance sheet items per profit center (field PRCTR).

Effects on Data Transfer

The reorganization of profit centers ensures transfer postings for selected balance sheet items per profit center. Profit and loss amounts are not transferred for historical periods.

Effects on Customizing

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

Related Information

Organizational Changes in Accounting
Manage Organizational Changes

3.2.2 Switch to Advanced Valuation in Financial Accounting

Get an overview of what is necessary to start using to *Advanced Foreign Currency Valuation* and the processes of Advanced Valuation in Financial Accounting in general.

You have the possibility to switch to Advanced Valuation in Financial Accounting from classical valuations. Before you start using Advanced Valuation in Financial Accounting, you've to configure the processes. Note, that there's no one-to-one relationship between processes in Advanced Valuation in Financial Accounting and classical existing valuations.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	J58 (Accounting and Financial Close)
Application Component	`FI-GL-GL-G()`
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

You can only switch to Advanced Foreign Currency Valuation if you're using the reversal method.

The following table offers an overview over the processes that advanced valuation in financial accounting offers and for which apps and templates it's the successor.

i Note

Please note, there's no one-to-one relationship between processes in Advanced Valuation in Financial Accounting and the predecessor apps and job templates.

Advanced Valuation in Financial Accounting Processes	Predecessor App or Job Template	What to do for the Transfer
Post Discounting of Long-Term Assets and Liabilities job template in *Schedule General Ledger Jobs* app	*Perform Further Valuations* app	• Stop using the *Perform Further Valuations* with the last period of the end of your fiscal year. • Activate Advanced Valuation for Financial Accounting (ID: *103315*) • Make all the settings required for *Post Discounting of Long-Term Assets and Liabilities*. For more information, see Customizing Requirements Checklist for Discounting Long-Term Assets and Liabilities. • Start using *Post Discounting of Long-Term Assets and Liabilities* with the first period of your new fiscal year.
Advanced Foreign Currency Valuation job template in *Schedule General Ledger Jobs*	• *Foreign Currency Valuation* job template • *Perform Foreign Currency Valuation* app	• Activate Advanced Valuation for Financial Accounting (ID: *103315*). • Make all the settings required for *Advanced Foreign Currency Valuation*. For more information, see Customizing Requirements Checklist for Advanced Foreign Currency Valuation.
Post Credit Risk Based Impairment job template in *Schedule General Ledger Jobs*	*Provisions for Doubtful Receivables* job template	• Stop using the *Provisions for Doubtful Receivables* with the last period of the end of your fiscal year. • Activate Advanced Valuation for Financial Accounting (ID: *103315*). • Make all the settings required for *Post Credit Risk Based Impairment*. For more information, see Customizing Requirements Checklist for Credit-Risk Based-Impairment. • Start using *Post Credit Risk Based Impairment* with the first period of your new fiscal year.

Advanced Valuation in Financial Accounting Processes	Predecessor App or Job Template	What to do for the Transfer
Post B/S Reclassification job template in *Schedule General Ledger Jobs*	*Regroup Receivables Payables* job template	• Stop using the *Regroup Receivables Payables* with the last period of the end of your fiscal year. • Activate Advanced Valuation for Financial Accounting (ID: • Make all the settings required for *Post B/S Reclassification*. For more information, see Customizing Requirements Checklist for B/S Reclassification. • Start using *Post B/S Reclassification* with the first period of your new fiscal year.

To learn more about how to transfer, have a look at Switching to Advanced Valuation in Financial Accounting.

Effects on Existing Data

SAP recommends to start using Advanced Valuation in Financial Accounting processes with the start of your fiscal year.

Advanced Foreign Currency Valuation

The following applies when you start to use *Advanced Foreign Currency Valuation* with the following preconditions:

- You're using the reversal method.
- You're using one of the following valuation principles:
  - STRICT_LOWEST_VALUE *Strictly Lowest Value Principle*
  - DE_BILMOG_VALUATE *German Accounting Modernization Act*

The system displays the *Migration Difference* column in the result list of the job, when you use have used *Advanced Foreign Currency Valuation* in the *Activation Period*. The amount in the *Migration Difference* column is the foreign currency difference from the last posting created by the *Perform Foreign Currency Valuation* app or *Foreign Currency Valuation* job template in the *Schedule General Ledger Jobs* app. Compare this amount to the amount posted by *Advanced Foreign Currency Valuation*.

Post Discounting of Long-Term Assets and Liabilities, Post Credit Risk Based Impairment, Post Credit Risk Based Impairment

If you plan to start using *Post Discounting of Long-Term Assets and Liabilities*, *Post Credit Risk Based Impairment*, and *Post B/S Reclassification*, SAP recommends you to stop using the predecessor apps with the last period of the end of your fiscal year and to start using the Advanced Valuation processes with the first period of your new fiscal year. Depending on your local accounting principle and legal requirements in your country/region, you might be obliged to state the change to a new valuation process in your annual report.

Related Information

3.2.3 Intercompany Matching and Reconciliation

3.2.3.1   Changes in TSL and WSL Amounts

As of this release, TSL (*Amount in Balance Transaction Currency*) and RTCUR (*Balance Transaction Currency*) are added to the accounting-related CDS views that are delivered for defining data sources. Meanwhile, balance carryforward logic for WSL (*Amount in Transaction Currency*) is changed so that it no longer receives TSL amounts for period 000.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	40Y (Intercompany Reconciliation Process, 1SG (Group Reporting - Financial Consolidation)
Application Component	FIN-CS-ICR (*S/4HANA Intercompany Matching and Reconciliation*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

In the following CDS views delivered for you to define data sources, the fields TSL (*Amount in Balance Transaction Currency*) and RTCUR (*Balance Transaction Currency*) are now added:

- `ICA_GENJOURNALENTRIES`
- `ICA_GENJOURNALENTRIES`

In these CDS views, `WSL` amounts of period 000 are replaced with local currency amounts carried forward from previous year, instead of the `TSL` amounts. This change is made to ensure consistency with the *Display G/L Account Balances* app.

Effects on Customizing

The CDS views are automatically updated in your systems. However, for customers with existing configuration and transactional data, the following actions are recommended:

1. In the data sources that use any of the CDS views above, add the following fields in *Field Semantics* in configuration activity *Maintain Data Sources*.

Field Name	Global Field Name	Field Label
`TSL`	AmountInBalTransactionCrcy	Amount in Balance Transaction Currency
`RTCUR`	BalanceTransactionCurrency	Balance Transaction Currency

2. If you want to use `TSL` as the leading amount, make the changes in the leading display group of the relevant reconciliation cases. Leading amount is the default amount in reconciliation reports such as *Reconciliation Status Overview* and *Reconciliation Balances*.
3. To update the historic values of `TSL` and `WSL` in the `ICADOCM` table, a data remediation needs to be carried out by using transaction `ICADR`. For more information, see SAP Note 3282156🔗.

After that, you can use the new amount measure `TSL` and have the correct `WSL` values in the ICMR matching process and reconciliation reports.

Related Information

Data Source
Important Considerations

3.2.3.2 Changes in Reconciliation Balances

The *Reconciliation Balances* app is enhanced with the following features:

- The *Difference* column now has a dynamic filter for displaying *Non-Zero Differences* or *Differences Outside Tolerance* only.
- In addition to the leading unit hierarchy, **partner unit hierarchy** is also enabled as a filter. Both filters have the same scope and can display in the filter area if you have specified an organizational unit hierarchy when defining the reconciliation case.

- For all the amounts displayed, you can switch to the short number form with the units shown as an abbreviation, such as K (thousand), M (million), or B (billion).

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	40Y (Intercompany Reconciliation Process, 1SG (Group Reporting - Financial Consolidation)
Application Component	FIN-CS-ICR (*S/4HANA Intercompany Matching and Reconciliation*)
Valid as Of	SAP S/4HANA 2022 FPS02

Related Information

Reconciliation Balances

3.2.4 Group Reporting

3.2.4.1 "API Transaction Data for Group Reporting - Read (Version 2)" Has Been Renamed

On the SAP Help Portal, the API *Transaction Data for Group Reporting - Read (Version 2)* has been renamed to *Consolidation Group Journal Entry*.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	2U6 (*Group Reporting - Data from External Systems*)
Application Component	FIN-CS-EA (*Embedded Analytics*)

Related Information

Consolidation Group Journal Entry

3.2.4.2   Enhancements in ICMR Elimination

Interunit Elimination with ICMR Posting Rules (also known as **ICMR Elimination**) is enhanced to support the following:

- Group currency (GC) extension versions that are set to *Automatic Run* and have the *Allow LC, TC, Qty Changes* option unselected
- Consolidation unit and partner unit are the same
- Document types set as *Automatic reversal in subsequent period/year*

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	40Y (Intercompany Reconciliation Process, 1SG (Group Reporting - Financial Consolidation)
Application Component	FIN-CS-ICR (*S/4HANA Intercompany Matching and Reconciliation*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

The elimination entries are now posted with delta update logic instead of deletion and update, that is, in a new elimination run, the elimination entries generated previously for the same period won't be deleted, instead, delta changes are posted. This is merely a posting logic change, which doesn't affect the data in analytical reports nor require any user actions.

This facilitates the support of extension versions in ICMR elimination. When initiated from *Consolidation Monitor* with a standard consolidation version, the ICMR elimination task processes data of the standard

version and its applicable GC extension versions. The elimination results can be generated on all these versions.

Effects on Customizing

In the *Define Tasks for ICMR Eliminations* customizing activity (transaction CX8TT16), you can now assign a document type set as *Automatic reversal in subsequent period/year* to ICMR elimination tasks. This is especially useful if the elimination differences are posted to P&L items, which don't have the carryforward mechanism.

Related Information

Interunit Elimination with ICMR Posting Rules
Multiple Group Currencies

3.2.4.3   CDS Views for Group Reporting

The following CDS views are new: Consolidation Profit Center for Elimination, Consolidation Profit Center for Elimination Node, and Consolidation Profit Center for Elimination Hierarchy Node.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1SG (Financial Consolidation for S/4 HANA Cloud)
Application Component	FIN-CS (*S/4HANA for Group Reporting*)
Valid as Of	SAP S/4HANA 2022 FPS02

Related Information

Consolidation Profit Center for Elimination
Consolidation Profit Center for Elimination Node
Consolidation Profit Center for Elimination Hierarchy Node

3.2.4.4 Deprecation of Options in Check Global System Settings Configuration Activity

Several settings in the *Check Global System Settings* configuration activity will become mandatory as of SAP S/4HANA 2023. As a result, they're deprecated and will be removed from the configuration activity as of SAP S/4HANA 2023.

Technical Details

Type	Deprecation
Functional Localization	Not applicable
Scope Item	1SG
Technical Object Name	*Define Global System Settings* configuration activity
Application Component	`FIN-CS` (*S/4HANA for Group Reporting*)
Valid as Of	SAP S/4HANA 2022 FPS2

Additional Details

As of SAP S/4HANA 2023, the following settings in the *Check Global System Settings* configuration activity will become **mandatory**:

- *Reclassification: Selection Object in Trigger*
- *Validation in SAP S/4HANA*
- *Breakdown Category: Selection Object in Maximum Selection*
- *Currency Translation: Selection Object*
- *Use Item Role Attribute*

Since they'll be mandatory, they'll be removed as options from the configuration activity.

Effects on Configuration

If you don't already use any of these options, then you need to make the following configuration adjustments before SAP S/4HANA 2023 based on which options you don't use.

If you don't use the options Reclassification: Selection Object in Trigger, Breakdown Category: Selection Object in Maximum Selection, or Currency Translation: Selection Object

Follow this procedure to replace sets with selections in the configuration:

1. In the configuration activities *Define Reclassification Methods*, *Define Breakdown Categories*, and *Define Currency Translation Methods*, list all the sets you use and their content.
2. In the *Check Global System Settings* configuration activity, select the options *Reclassification: Selection Object in Trigger*, *Breakdown Category: Selection Object in Maximum Selection*, and *Currency Translation: Selection Object*.
3. In the Define Selections app, create a selection to replace the sets.
4. Adjust the reclassification methods, currency translation methods, and breakdown categories to replace the sets with the selections you created.
5. Check and test the configuration.

If you don't use the Validation in SAP S/4HANA option

Follow this procedure to activate the usage of validations in SAP S/4HANA:

1. List the validation methods in use and how they are defined.
2. In the Define Validation Methods app, define new validations.
3. In the Assign Validation Methods app, assign the validations to consolidation units.
4. Check and test the configuration.

If you don't use the Use Item Role Attribute option

Follow this procedure to activate the usage of the FS item role attribute in the currency translation method and the reclassification method:

1. In the *Check Global System Settings* configuration activity, select the *Use Item Role Attribute* option.
2. In the *Define Currency Translation Methods* and *Define Reclassification Methods* configuration activities, check and adjust the configuration of selected FS items so that the role assigned corresponds to the correct FS item.
3. Check and test the configuration.

Related Information

Define Selections
Define Validation Methods
Assign Validation Methods

3.2.5 Central Finance

3.2.5.1   Statutory Reporting: Country/Region-Specific Reports

This feature enables you to use country/region-specific statutory reports in Central Finance. Below you can see a list of reports that have been additionally enabled in Central Finance.

Technical Details

Type	New
Functional Localization	Localized for the countries/regions listed
Scope Item	Not applicable
Application Component	`FI-CF` (*Central Finance*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

The reports in the table below have been additionaly enabled in Central Finance.

For a complete list of statutory reports supported in Central Finance for a country/region, see the link in the *Related information* section.

Country/Region-Specific Statutory Reports Additionally Enabled in Central Finance

Country/Region	Description	Technical Name	Additional Information
Brazil	ECD Report	`BR_SPED_ECD`	Report has restrictions in Central Finance. See the link in *Related information* for details.
Brazil	ECF Report	`BR_SPED_ECF`	Report has restrictions in Central Finance. See the link in *Related information* for details.
Portugal	Periodic VAT Return and Annexes	`PT_VAT_DCL`	n/a
Ukraine	Financial Statements	`UA_FIN_STMNT`	Cash flow statement - direct method (Form 3) and cash flow statement - indirect method (Form 3-H) are now available.

Related Information

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

3.3 Treasury Management

3.3.1 Cash and Liquidity Management

3.3.1.1   Change Message Control for Memo Records

You can use the new Customizing activity *Change Message Control for Memo Records* to bypass validations for cash trade requests by changing SAP predefined error messages to warning messages or by deactivating them.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	J78 (Advanced Cash Operations)
Application Component	`FIN-FSCM-CLM-COP` (*Cash Operations*)
Valid as Of	SAP S/4HANA 2202 FPS02

Effects on Customizing

You can find the new Customizing activity *Change Message Control for Memo Records* under ▶ *Financial Supply Chain Management* ❯ *Cash and Liquidity Management* ❯ *Cash Management* ❯ *Memo Records* ❯.

To bypass the validations, proceed as follows:

1. Choose *New Entries* to create an entry.
2. From the value help, select the message you want to change.
3. Do one of the following:
    1. If you want to change it into a warning message, specify **W** in the *Online* and *Batch Input* fields.
    2. If you want to switch the message off, specify **-** in the *Online* and *Batch Input* fields.
4. Save your changes.

3.3.1.2   Enhancements for Bank Account Origination Process

New Customizing options are now available for you to configure the bank account origination process.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	J77 (Advanced Bank Account Management)
Technical Object Name	App ID: F1366A
Application Component	FIN-FSCM-CLM-BAM (*Bank Account Management*)
Valid as Of	SAP S/4HANA 2202 FPS02

Effects on Customizing

The following Customizing activities have been enhanced with new settings. You can find the Customizing activities under ▶ *Financial Supply Chain Management* 〉 *Cash and Liquidity Management* 〉 *Bank Account Management* 〉:

- Field status control for bank accounts in the origination process:
  In the Customizing activity *Manage Field Status Groups*, you can define field statuses for bank accounts in the origination process by assigning field status groups in the *Assign Field Status Grps to Origination Process* view.
- Sensitive fields for the bank account origination process:
  In the Customizing activity *Define Settings for Bank Account Master Data*, you can define sensitive fields for bank accounts that have the *Opened at Bank* status in the origination process.
- Manual creation of bank accounts:
  In the Customizing activity *Define Settings for Bank Account Contract Types*, you can disable the manual creation of bank accounts in the *Manage Bank Accounts* app so that the creation of new bank accounts must follow the bank account application process.

Related Information

Configuring Bank Account Origination Process Based on Bank Account Contract Types

3.3.1.3 Custom Fields for the Foreign Bank Account Report

You can now add and define custom fields in the *Foreign Bank Account Report* app using the two new Business Add-Ins (BAdIs).

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	J77 (Advanced Bank Account Management)
Technical Object Name	App ID: **F1575**
Application Component	**FIN-FSCM-CLM-BAM** (*Bank Account Management*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

To define custom fields for the BAdIs, open the *Custom Logic* app, select the business context *Foreign Bank Account Report*, and then proceed as follows:

1. In the BAdI *Custom Fields in Foreign Bank Account Report*, add custom fields to the *Foreign Bank Account Report* app by changing the label of predefined custom fields and setting them as visible.
2. In the BAdI *Custom Field Population in Foreign Bank Account Report*, define the logic for how you want the custom fields be filled with values.

For more information about how to use the BAdIs, see the BAdI documentation.

Related Information

App Extensibility: Foreign Bank Account Report (Key User)

3.4 Financial Operations

3.4.1 Display Supplier Balances App Deprecated

The *Display Supplier Balances* app (F0701) is deprecated and will be deleted from the SAP Fiori launchpad in an upcoming release. We recommend that you switch to the successor app *Display Supplier Balances* (F0701A) as soon as possible.

Technical Details

Type	Deprecated
Functional Localization	Not applicable
Scope Item	J60 (Accounts Payable)
Application Component	FI-FIO-AP (*Fiori UI for Accounts Payable*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

The *Create Correspondence* function was removed from the new *Display Supplier Balances* app (F0703A). To preview, email, print, and download correspondence related to your customers, open the *Create Correspondence* app on the SAP Fiori launchpad or navigate to the *Create Correspondence* function from the *Manage Supplier Line Items* app.

Related Information

Display Supplier Balances

3.4.2 Extended Data Medium Exchange Engine (DMEEX)

You can use enhanced functions of version management in the Extended Data Medium Exchange Engine (DMEEX).

Technical Details

Type	Chnged
Functional Localization	Not applicable
Scope Item	J60 (Accounts Payable)
	J59 (Accounts Receivable)
	BFB (Basic Cash Operations)
	1X3 (Interest Rate Derivatives Management)
	1X1 (Foreign Currency Risk Management)
	1WV (Debt and Investment Management)
	4MT (Advanced Payment Management)
	J78 (Advanced Cash Operations)
Application Component	`CA-GTF-CSC-DME` (*Data Medium Exchange Engine*)
Valid as Of	SAP S/4HANA 2022 FPS02
	SAP S/4HANA 2021 SPS04
	SAP S/4HANA 2020 SPS06
	SAP S/4HANA 1909 SPS08
	SAP S/4HANA 1809 SPS10

Effects on Existing Data

The user interface of version management has been reworked in a following way:

- You can now delete the backup versions.
- Automatic backups of parent versions are no longer visible in version management.
- Temporary versions created during synchronization are no longer visible in version management.
- The numbers of versions in version management have been replaced with names, for example:
    - *active* replaced 000
    - *maintenance* replaced 001
    - *parent* replaced 999

Related Information

[Version Management]

3.4.3 Manage Payment Blocks Deprecated

The *Manage Payment Blocks* app (F0593) has been deprecated. It will be deleted from the SAP Fiori launchpad in SAP S/4HANA 2023. Please use the successor app *Manage Payment Blocks* (F0593A).

Technical Details

Type	Deprecated
Functional Localization	Not applicable
Scope Item	J60 (Accounts Payable)
Application Component	FI-FIO-AP (*Fiori UI for Accounts Payable*)
Valid as Of	SAP S/4HANA 2022 FPS02

Related Information

Manage Payment Blocks (Deprecated)

3.4.4 Receivables Management

3.4.4.1   Display Customer Balances App Deprecated

The *Display Customer Balances* app (F0703) is deprecated and will be deleted from the SAP Fiori launchpad in an upcoming release. We recommend that you switch to the successor app *Display Customer Balances* (F0703A) as soon as possible.

Technical Details

Type	Deprecated
Functional Localization	Not applicable
Scope Item	J59 (Accounts Receivable)

Application Component	FI-FIO-AR (*Fiori UI for Accounts Receivable*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

The *Create Correspondence* function was removed from the new *Display Customer Balances* app (F0703A). To preview, email, print, and download correspondence related to your customers, open the *Create Correspondence* app on the SAP Fiori launchpad or navigate to the *Create Correspondence* function from the *Manage Customer Line Items* app.

Related Information

Display Customer Balances

3.4.4.2   Bank Statement Processing

3.4.4.2.1   Batch Input in Bank Statement Processing

Generating batch input sessions to process bank statements is deprecated as of SAP S/4HANA 2022 and will be deleted from the transactions that supported it in the upcoming SAP S/4HANA 2023 release.

Technical Details

Type	Deprecated
Functional Localization	Not applicable
Scope Item	J59 (Accounts Receivable)
Application Component	FI-FIO-AR (*Fiori UI for Accounts Receivable*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

The *Generate batch input* radio button in all transactions related to bank statement processing (such as *Import Electronic Bank Statement* (FF.5 and FF_5) and *Update Bank Statement* (FEBP)) is deprecated and will be deleted in the SAP S/4HANA 2023 release. The *Generate batch input* radio button will not be an available option under the *Posting parameters* section. Instead of the *Generate batch input* radio button, you can use other options: *Post Immediately* and *Do Not Post*.

Related Information

[Overview on Automatic Bank Statement Processing](#)

3.4.4.2.2 DTAUS **Format**

The DTAUS format is deprecated as of SAP S/4HANA 2022 and will be deleted from the transactions that supported it in the upcoming SAP S/4HANA 2023 release.

Technical Details

Type	Deprecated
Functional Localization	Localized for Germany
Scope Item	J59 (Accounts Receivable)
Application Component	FI-FIO-AR (*Fiori UI for Accounts Receivable*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

The DTAUS format in all transactions related to bank statement processing (such as *Import Electronic Bank Statement* (FF.5 and FF_5)) is deprecated and will be deleted in the SAP S/4HANA 2023 release. The DTAUS format will not be an available option under the *File Specifications* section. Instead of the DTAUS format, you can use other options that are available in the transactions.

Related Information

Country/Region-Specific Payment Formats
Payment Medium Format DTAUS0
Bank Statement Processing

3.4.4.2.3 Service for Reprocessing Lockbox Items

The OData service for reprocessing lockbox items with the `fin.ar.lockbox.reprocess` ID and
the `/sap/bc/ui5_ui5/sap/fin_lbit_reprc` URL has been deprecated and will be deleted in the upcoming
SAP S/4HANA 2023 release. This is relevant if you have created your own tiles for this OData service on the
SAP Fiori launchpad.

Technical Details

Type	Deprecated
Functional Localization	Localized for the United States
Scope Item	J59 (Accounts Receivable)
	1JT (Lockbox)
Application Component	`FI-FIO-AR` (*Fiori UI for Accounts Receivable*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

The OData service for reprocessing lockbox items with the `fin.ar.bankstatementitems.reprocess` ID
and the `/sap/bc/ui5_ui5/sap/fin_bsit_reprc` URL is the successor of the service for reprocessing
lockbox items with the `fin.ar.lockbox.reprocess` ID and the `/sap/bc/ui5_ui5/sap/fin_lbit_reprc`
URL. The service for reprocessing lockbox items with the `fin.ar.lockbox.reprocess` ID and the `/sap/bc/
ui5_ui5/sap/fin_lbit_reprc` URL has been deprecated and will be deleted in the upcoming SAP S/
4HANA 2023 release. If you have created your own tiles for this service on the SAP Fiori launchpad, we
recommend that you switch to the successor service as soon as possible.

Related Information

Overview on Automatic Lockbox Processing

3.4.5 Settlement Management

3.4.5.1   CDS Views in Settlement Management

A CDS view has been changed in Settlement Management.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	LO-AB (*Settlement Management*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

The following CDS view has been changed:

CDS View Name	Description	Status
C_SettlmtDocDEX (*Settlement Document Extraction*) i Note See *Effects on Existing Data* below.	This CDS view supports data extraction to SAP BW/4HANA. It enables the data transfer to SAP BW/4HANA for settlement documents. Providing all relevant settlement document information, this CDS view also allows you to build analytical reports. For more information, see Settlement Document Extraction.	Changed

The following CDS view elements have been deprecated with SAP S/4HANA 2022:

CDS View Name	What's Changed	Application Component
I_CndnContrBusVolSelCriteria (**Condition Contract Bus Vol Sel Critra**)	Due to changes in the virtual data model, the field CndnContrCustomerList is obsolete and has been deprecated.	LO-GT-CHB
	Due to changes in the virtual data model, the field CndnContrSupplierList is obsolete and has been deprecated.	
	Due to changes in the virtual data model, the field CndnContrPlantList is obsolete and has been deprecated.	
	Due to changes in the virtual data model, the association _CndnContrSupplierList is obsolete and has been deprecated.	
	Due to changes in the virtual data model, the association _CndnContrCustomerList is obsolete and has been deprecated.	
	Due to changes in the virtual data model, the association _CndnContrPlantList is obsolete and has been deprecated.	

Effects on Existing Data

In the CDS view C_SettlmtDocDEX, the access control was enhanced with additional logic on the authorization objects. C_SettlmtDocDEX now additionally checks the authorization in cases when all organizational data is available and in cases when no organizational data (with the exception of company code) is available. Please consider that this has an impact on the behavior of the CDS view. If you have built custom CDS views based on this view, you must adjust the access controls accordingly.

Related Information

CDS Views for Settlement Management

3.5   Country/Region Specifics

For country/region-specific changes, please see Country/Region Specifics [page 83].

4 Manufacturing

4.1 Quality Management

4.1.1 Manage Usage Decisions

With this feature, you can deselect the stock types for inspection units in the *Manage Usage Decisions* app before posting. A new button *Clear Stock Selection* is available for this purpose.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	1E1 (Quality Management in Discrete Manufacturing)
	1FM (Quality Management in Procurement)
	1MP (Quality Management in Sales)
	1MR (Quality Management in Stock Handling)
Application Component	QM-IM-UD (*Inspection Lot Completion*)
Valid as Of	SAP S/4HANA 2022 FPS02

Related Information

Manage Usage Decisions

4.2 Country/Region Specifics

For country/region-specific changes, please see Country/Region Specifics [page 83].

5 Manufacturing for Production Engineering and Operations

5.1 Extended Production Engineering

5.1.1 Manage Templates - For Shop Floor Routings

With this feature, you can create and manage your shop floor routing templates. You can now use new features that are available for reference templates.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PP-PEO-SFR (*Shop Floor Routing*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

New, changed, and enhanced features are available in the Manage Templates app:

- To make it easier to find your templates in the *Folder View* of the entry screen, a new sort icon is available in the table toolbar. Various options are available for sorting the list. The default option sorts the reference templates by operation activity templates, operation activity groups, operations, operation sets and then by the smaller templates in alphabetical order. Click the icon and choose how you want to sort the templates - by template description, processing status description, version description, or plant, for example. The system sorts the templates according to your selection in ascending order. Click the same selection again to switch to descending mode.

5.1.2 Manage Shop Floor Routings

With this feature you can create and manage your shop floor routings. You can now use new features that are available for maintaining shop floor routings.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PP-PEO-SFR (*Shop Floor Routing*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

New, changed, and enhanced features are available in the Manage Shop Floor Routings app.

- Effectivity filter and 3D visual: If you used a manufacturing snapshot with product manufacturing information (PMI) to create a routing, when you define an effectivity filter, the PMI associated with the components that are not relevant for the filtered effectivity is also hidden in the 3D image as are the components.
- If all the produce operation activities in an operation contain logical components that are optional, when creating the production order for the final configured product, a situation may arise in which none of the operation activities are selected. In this case, the complete operation is not required. Therefore, if no produce operation activities exist for an operation after routing explosion, the system also deletes the operation from the production order.
- You can now create simultaneous groups for shop floor routings for non-serialized materials if the lot size of the routing has been limited to 1 EA. Up until now, simultaneous groups were generally not allowed when working with non-serialized materials.
- To make it easier to find your templates in the template library, a sort icon is available in the toolbar. Various options are available for sorting the list. The default option sorts the reference templates by operation activity templates, operation activity groups, operations, operation sets and then by the smaller templates in alphabetical order. Click the icon and choose how you want to sort the templates - by template description, processing status description, version description, or plant, for example. The system sorts the templates according to your selection in ascending order. Click the same selection again to switch to descending mode.
- The *Find Template* dialog box in the template library has been enhanced to include a text search option. This means that you can now search for a template using a text string in addition to the classification filter.

5.1.3 Manage Order-Specific Shop Floor Routings

With this feature you can create and manage your order-specific shop floor routings. You can now use new features that are available for maintaining order-specific shop floor routings.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PP-PEO-SFR (*Shop Floor Routing*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

New, changed, and enhanced features are available in the Manage Order-Specific Shop Floor Routings app:

- 3D visual in the component assignment workspace: If the production order for which an order-specific routing is created is relevant for a particular model and unit, all the components of the MBOM that are not relevant for the effectivity of the order are hidden from the 3D image. In addition, if your routing contains product manufacturing information (PMI), the system removes the PMI associated with the components that are not relevant for the order effectivity from the 3D image.

- 3D visual in the PiP workspace: If the production order for which an order-specific routing is created is relevant for a particular model and unit, all the components of the MBOM not relevant for the effectivity of the order and the PMI associated with those components are hidden from the 3D image in the PiP workspace. In the toolbar of the source items table, a button is available that you can use to toggle between the components and PMI relevant for the order and those relevant for the complete effectivity range of the MBOM. The system updates the source items table and 3D visual according to which option you select. Note that the EBOM option only shows the PMI of the EBOM in the source item table but does not reflect the EBOM information in the 3D visual.

- To make it easier to find your templates in the template library, a sort icon is now available in the toolbar. Various options are available for sorting the list. The default option sorts the reference templates by operation activity templates, operation activity groups, operations, operation sets and then by the smaller templates in alphabetical order. Click the icon and choose how you want to sort the templates - by template description, processing status description, version description, or plant, for example. The system sorts the templates according to your selection in ascending order. Click the same selection again to switch to descending mode.

- The *Find Template* dialog box in the template library has been enhanced to include a text search option. This means that you can now search for a template using a text string in addition to the classification filter.

5.2 Extended Production Operations

5.2.1 Production Control

5.2.1.1 Order Split

When you perform an order split using the split method *Split to Warehouse*, the system now assigns the production status *Moved to Warehouse Due to Order Split* to the serial numbers that have been split to the warehouse. As a result, they're no longer available for processing in production execution. In the production action log, the system now also creates an action message when you split a production order to the warehouse. The message specifies the order number and what quantity was moved to the warehouse.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PP-PEO-SFE (*Shop Floor Execution*)
Valid as Of	SAP S/4HANA FPS02

Additional Details

When you perform an order split using the split method *Split with Same Material*, the system assigns the production status *Moved to Child Order Due to Order Split* to the serial numbers that have been split. The previous production status *Moved Due to Order Split* has been renamed.

6 R&D/Engineering

6.1 Enterprise Portfolio and Project Management

6.1.1 Project System

6.1.1.1 Reset and Overwrite Mode for the Report Copy Plan Category for Projects

This feature enables you to create new project baselines by overwriting the existing baseline. The report is enhanced to include *Reset and Overwrite* function. It resets the planned cost of the target plan category and updates the planned cost from the source plan category for all project elements.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PS-COS-PLN (*Planned Costs*)
Valid as Of	SAP S/4HANA 2022 FPS02

Related Information

Copy Plan Category for Projects

6.1.1.2 Project Controlling Objects Replication using Master Data Integration

With this release, the replication of WBS elements, networks, network activities, and activity elements in SAP S/4HANA to different receiving systems using SAP Master Data Integration is supported.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PPM-PRO (*Project Management*)
Valid as Of	SAP S/4HANA 2022 FPS02

Related Information

Project Controlling Object Replication

6.1.1.3 Support of Internal Orders and Statistical WBS Elements in Project Cost Overview App

This app is enhanced with support for internal orders and statistical WBS elements. You can monitor actual and planned costs of internal orders and statistical WBS elements in a project. You can now use the *Expand to Level* field, to specify the level of expansion for the project structure.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PS-FIO (*Fiori UI for Project Systems*)
Valid as Of	SAP S/4HANA 2022 FPS02

Related Information

Project Cost Overview

6.1.1.4 Support of Internal Orders and Statistical WBS Elements in Project Cost Line Items App

This app is enhanced with support for internal orders and statistical WBS elements. You can analyze detailed actual costs and planned costs of internal orders and statistical WBS elements in a project.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PS-FIO (*Fiori UI for Project Systems*)
Valid as Of	SAP S/4HANA 2022 FPS02

Related Information

Project Costs Line Items

6.1.1.5 Functionalities Available Without Activating Business Functions

With this release, the following functions are available without activating the business functions:

- Project Builder
  - You can call up archived projects for viewing.
  - When processing a project, you can save the changed data without exiting the project.
  - You can choose how many recently-processed projects should be displayed.
  - You can create collective purchase requisitions.
  - You can manage short and long texts in multiple languages for the following PS objects (multilanguage support):
    - Project definition
    - WBS element
    - Activity/operation
    - Network
    - Milestone

- ProMan
    - Integration of progress tracking for material components
    - Additional tab page for customer enhancements
    - Changing of material assignments using drag and drop
    - Grouping of materials and external services to a single purchase requisition

  You can use ProMan to display all procurement-related data and documents for a specific object in different overviews. Information of the procurement process is consolidated from different applications - for example, the Project System, Materials Management, and Production Planning and Control.
  In these ProMan overviews, you can run various procurement-related functions; for example, you can create an order for a purchase requisition, post a goods issue for network components, transfer stock, and so forth.

- Progress Tracking
  In this business function, progress tracking is also available for the following PS objects:
    - Network activities
    - Work breakdown structure elements

  Progress tracking enables you to track the progress of work breakdown structure elements and network activities by means of deadline information, priorities, and statuses of assigned events. You can manually enter the data, or have the system calculate the data from existing system data.

- Easy Cost Planning
  In this business function, you can use Easy Cost Planning also for network activities and individual activity elements.

- Progress Analysis Workbench
  You can display the result of the query in the standard layout or the confirmation layout. These layouts can be shown as a table or a tree structure.
  The milestone POCs of a project are displayed in a separate column.
  When the data is exported to Microsoft Excel tables, the PS object types have descriptive names.
  Status changes made in projects can be temporarily stored in the progress analysis workbench.
  After a Microsoft Excel file is uploaded, the system issues a log with all data that could not be uploaded.

- Business Add-Ins for the Calculation in the Project System
  The following two Business Add-Ins are available:
    - Customer-specific Prices for Cost Planning of Networks: BADI_ACT_PRICE_CK
    - Adjustment of the CO Version for Storing the Planned Costs of Networks: BADI_NW_CO_VERS_CK

- Material Component
  Item category C is now available for material components that you assign to network activities using a catalog. Material components with item category C cannot be copied.
  You can assign delivery address also to material components that do not have the procurement type third-party purchase requisition. A new button is available in the tabular component overviews for this purpose.
  You can use a field selection to determine which fields should be displayed in the component overview, and in the detail view.
  You have the option of adding a new tab page for the detail view of material components, where you can add customer-specific fields.

- Settlement Rules
  By regenerating the settlement rules, you can change settlement rules that were automatically generated for a WBS element. The WBS_SETTLEMENT_RULE BAdI includes the GET_TEMPLATE method for this purpose.

- Performance improvement through allocation of status combinations

You can assign a combination of statuses to a project. This speeds up the creation of reports because the system only needs to search in one status table instead of two. In the Implementation Guide (IMG), you can configure which statuses are possible and which priority should be used to assign those statuses. Choose **Project System** —> **Structures** —> **Operative Structures** —> **Work Breakdown Structure (WBS)/Network**

- WBS Account Assignment at MRP Area Level
  The Implementation Guide now includes the IMG activity Determine WBS Account Assignment at MRP Area Level (TPS_MRP_AREA_PSP). In this IMG activity, you use the *WBS Account Assignment at MRP Area Level* indicator to control the planning of MRP elements that are assigned to projects in the Project System and in which there are storage location MRP areas.

- BI Content
  The following extractors are available for BI Content:
  - Extractor for data from the customer fields for project definition, WBS element, network, network activity, and activity element
  - Extractor for data from the user fields for WBS element, network activity, and activity element
  - Extractor for Easy Cost Planning data and the customer fields for WBS element, network activity, activity element, and claims
  - Extractor for language-dependent short texts

- Performance Improvements in the Project Builder
  You now have the option to load projects and networks without loading specific data. You can exclude this data on the *Project Builder: User-Specific Options* screen. The performance improvement options are:
  - *Exclude Material Master Data*
    If you select this option, material master data is excluded when you load a project or a network in the *Project Builder*. However, note that all relevant data and fields are displayed when you access material component details (in the detail or overview screens), or when you explicitly perform a material availability check.
  - *Exclude Purchase Order History*
    If you select this option, purchase order (PO) data is excluded when you load a project or a network in the *Project Builder*. If this option is selected, the following fields are no longer displayed in the *Project Builder*:
    - *GR Quantity* (including the unit) on the *Purchasing Data* tab
    - *PO Exists* on the *Procurement Parameters* tab
    - *PO IDs* on the *Procurement Parameters* tab
    - *Received* (including the unit) on the *Procurement Parameters* tab

- Performance Improvement Options in the Project Builder and Network Transactions
  You can use a BAdI to override performance-related user options that have been specified in the *Project Builder*. Note that in the network processing transactions, the system loads material master data and the purchase order history by default; and this BAdI allows you to exclude this data.

- Display of Nonarchived and Archived Line Items
  In the line item reporting of *Project System*, you can now access line items from the archive and the database in parallel.

- Option for the Down Payment Clearing of Billing Plans and Invoicing Plans
  You can use a BAdI to implement a specific logic based on your business requirements for clearing down payments in billing plans and invoicing plans. The standard system provides 999 line items for each cash document. This can cause problems if you are using large billing and invoicing plans, since the line items in the cash document exceed the number of items in the billing and invoicing plans. You can use this BAdI

to change the standard logic for the planned down payment clearings. Since you can change the standard logic, you can also reduce the number of line items in the cash document generated by the system.

Technical Details

Type	Change
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PS (*Project Systems*)
Valid as Of	SAP S/4HANA 2022 FPS02

Related Information

Business Functions:
Project System
Project System, Extended Usability and Performance

6.1.1.6 Dynamic Item Processor Intercompany Source for Reading Actual Costs From the Universal Journal

This feature provides a new source for dynamic item processor to read actual financial data from the table ACDOCA. The new source is called **Intercomp Line Itms Univ. Jrnl** and can be used only for resource-related intercompany billing (transactions DP93 and DP94). The new source can be used in place of **Intercompany - Line Item** to improve the runtime, if the required characteristics are also available in the new source.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PS-REV-ACT (*Actual Revenues and Forecast*)

Related Information

Configuration

6.1.1.7 Navigation from SAP GUI Transactions to SAP Fiori Applications for Project Planning and Scheduling

This feature allows you to navigate from SAP GUI transactions to the following SAP Fiori applications:

Project Network Graph

- Change Basic Date (CJ21)
- Display Basic Dates(CJ22)
- Change Forecast Dates (CJ23)
- Display Forecast Dates (CJ24)
- Change Actual Dates (CJ25)
- Overall Network Scheduling (CN24)
- Schedule Overall Network with Selection Options (CN24N)

Project Schedule

- Change Basic Date (CJ21)
- Display Basic Dates(CJ22)
- Change Forecast Dates (CJ23)
- Display Forecast Dates (CJ24)
- Change Actual Dates (CJ25)
- Overall Network Scheduling (CN24)
- Schedule Project (CJ29)

Technical Details

Type	Change
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PS-DAT (*Dates*)

Valid as Of	SAP S/4HANA 2022 FPS02

Related Information

Project Network Graph
Project Schedule

6.1.1.8   Enhanced Project Network API

This service has been extended and now it enables you to create or update the Project Network Activity Element data.

The service is based on the OData V4 protocol and can be consumed by apps and other user interfaces.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PS-ST
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

This API is available on the SAP API Business Hub - API Project Network

6.2   BOM Redlining for Change Proposals

> i Note
>
> This feature will be deprecated from SAP S/4HANA 2023.

Technical Details

Type	Deprecated
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PLM-CR (*Change Record*)
Valid as Of	SAP S/4HANA 2023

6.3 Data Extraction Reports Adapted to Data Model Changes

The following data extraction reports are adapted to data model changes in SAP Responsible Design and Production: R_SURDP_UPH_PCKG_CMP_BOM_LOAD, R_SURDP_UPH_PCKG_CMP_RCP_LOAD, R_SURDP_UPH_PCKG_CMP_PLM_LOAD, R_SURDP_UPH_PCKG_DATA_LOAD.

Example implementations for BAdI BADI_SURDP_UPH_CUSTOM and for entity processors are provided in package INTEGRATION_SUS_RDP_EXMPL_RPLC.

Existing customer implementations of the extractors must be adapted when you migrate to this release. As long as deprecated fields are filled with data by the customer implementation of an extractor, the following log message will be issued in the report and in the application log: SURDP_044 (Deprecated attribute &1 for the entity &2 is used in your implementation.)

- Packaging element: validFrom is renamed to Version. isCompound is removed. isOpticallyDetectable is introduced. renewablePercent is moved to the basic material fraction
- Basic material fraction: laminationType is moved to the packaging element. IsCoExtrudedLamination is removed
- Packaging composition item: PackagingElementValidFrom is renamed to PackagingElementVersion

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable

Application Component	SUS-RDP-INT (*Responsible Design and Production*)
Valid as Of	SAP S/4HANA 2022 SP02

6.4 Uploading Packaging Elements from Material Classification

It is now possible to extract packaging elements from Material Classification and to upload this data to SAP Responsible Design and Production.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	SUS-RDP-INT (*Responsible Design and Production*)
Valid as Of	SAP S/4HANA 2022 SPS02

7 Sales

7.1 Order and Contract Management

7.1.1 Claims, Returns, and Refund Management

7.1.1.1 OData API: Customer Return - Simulate (A2X)

The *Customer Return - Simulate (A2X)* API enables you to simulate the creation of a returns order. The simulation helps you get the correct information about the returns order, such as the return data, business partners, and price elements. The simulated returns order is not saved. If the request of the simulated returns order is successful, you can use it to create a returns order with the OData service *Customer Return (A2X)*.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	BKP (Accelerated Customer Returns)
Application Component	SD-SLS-RE (*Customer Returns*)
Valid as Of	SAP S/4HANA 2021 SPS04
	SAP S/4HANA 2022 FPS02

Additional Details

The API is available on the SAP API Business Hub (https://api.sap.com).

Related Information

Customer Return - Simulate (A2X)
Customer Return (A2X)

7.1.1.2 Deprecated API: Returns Inspection (A2X)

The OData API *Returns Inspection (A2X)* (`API_RETURNS_INSPECTION`) has been deprecated and replaced with the OData API *Returns Inspection (A2X)* (`API_RETURNSINSPECTION_2`). This deprecated API will be deleted from the SAP API Business Hub as of SAP S/4HANA 2023. Therefore, we recommend that you switch to the successor API as soon as possible. By using the inspection document and inspection document item as keys, the successor API additionally enables you to read, update, and delete the inspection data for a specific inspection document.

Technical Details

Type	Deprecated
Functional Localization	Not applicable
Scope Item	BKP (Accelerated Customer Returns)
Application Component	`LO-ARM-INS` (*Customer Returns*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

The API is available on the SAP API Business Hub (https://api.sap.com).

Related Information

Customer Return - Simulate (A2X)
Customer Return (A2X)

7.1.1.3 OData API: Credit Memo Request - Simulate (A2X)

The *Credit Memo Request - Simulate (A2X)* API enables you to simulate the creation of a credit memo request. The simulation helps you get the correct information about the credit memo request, such as the credit memo request data, business partners, and price elements. The simulated credit memo request is not saved. If the request of the simulated credit memo request is successful, you can use it to create a credit memo request with the OData service *Credit Memo Request (A2X)*.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1EZ (Credit Memo Processing)
Application Component	SD-SLS-CMR (*Credit Memo Request and Debit Memo Request*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

The API is available on the SAP API Business Hub (https://api.sap.com).

Related Information

Credit Memo Request - Simulate (A2X)
Credit Memo Request (A2X)

7.1.1.4   OData API: Debit Memo Request - Simulate (A2X)

The *Debit Memo Request - Simulate (A2X)* API enables you to simulate the creation of a debit memo request. The simulation helps you get the correct information about the debit memo request, such as the debit memo request data, business partners, and price elements. The simulated debit memo request is not saved. If the request of the simulated debit memo request is successful, you can use it to create a debit memo request with the OData service *Debit Memo Request (A2X)*.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1F1 (Debit Memo Processing)

Application Component	SD-SLS-CMR (*Credit Memo Request and Debit Memo Request*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

The API is available on the SAP API Business Hub (https://api.sap.com).

Related Information

Debit Memo Request - Simulate (A2X)
Debit Memo Request (A2X)

7.2 Country/Region Specifics

For country/region-specific changes, please see Country/Region Specifics [page 83].

8 Service

8.1 Service Operations & Processes

8.1.1 Service Order Management

8.1.1.1 OData API: Service Order (A2X)

In the *Service Order (A2X)* API, a new entity *Defect Data Within Service Order Item* has been added. Also, the *Service Order* entity has been enhanced with the `ServiceDocumentCategory` property.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	41Z (Service Order Management)
Application Component	`CRM-S4-SRV-SVO` (*Service Order*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

Defect Data Within Service Order Item

You can use the entity *Defect Data Within Service Order Item* (`A_ServiceOrderItemDefect`) to store any information related to the performed service on the item level. For example, in the case of integration of SAP S/4HANA with SAP Field Service Management, this entity can be used to transfer structured feedback that technicians give to activities they performed to SAP S/4HANA. SAP S/4HANA then stores this data in corresponding service items.

The entity supports the following operations: create, read, update, delete.

`ServiceDocumentCategory`

You can use this property to specify a category to classify an activity related to a service order, typically according to the communication type such as email, telephone, or fax.

You can maintain the categories in Customizing using the configuration activities *Maintain Categories* and *Assign Categories to Transaction Types* under ▶ *Service* ❯ *Transactions* ❯ *Settings for Activities* ❯ *Maintain Categories and Goals* ◀.

This API is available on the SAP API Business Hub (https://api.sap.com).

Related Information

Service Order (A2X)
Service Order
Defect Data Within Service Order Item

8.1.1.2 OData APIs for Service Order Management: Batch Request Support for User Status

You can now update the user status in multiple items of a service order simultaneously using a batch request in the following APIs:

- *Service Confirmation (A2X)*
- *Service Order (A2X)*
- *Service Order Template*

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	41Z (Service Order Management)
Application Component	CRM-S4-SRV-SVO (*Service Order*)
	CRM-S4-SRV-SCO (*Service Confirmation*)
	CRM-S4-SRV-SVT (*Service Template*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

These APIs are available on the SAP API Business Hub (https://api.sap.com).

Related Information

Service Order (A2X)
Service Order Template
Service Confirmation (A2X)

8.1.1.3 Integration with SAP Field Service Management

8.1.1.3.1 Support for Delta Replication of Legacy Organizational Structure from SAP S/4HANA Service

With this feature you can replicate any changes or deletions to the organizational units in SAP S/4HANA Service to SAP Field Service Management.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`CRM-S4-INT-FSM` (*Field Service Management Integration*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

Any changes to legacy organizational units are automatically replicated from SAP S/4HANA Service to SAP Field Service Management. It is recommended to perform an initial synchronisation of legacy organisational units before the delta synchronisation is enabled in SAP S/4HANA Service.

To enable delta synchronisation of legacy organisational units in SAP S/4HANA Service, set the value for the parameter name `EnableDeltaLoad` to 'true' in scope Organizational Model, following the customising path below.

▌▶ *SAP Customizing Implementation Guide* ❯ *Integration with other SAP Solutions* ❯ *SAP Field Service Management* ❯ *Configure Integration* ❯

8.1.1.3.2 Main Partner for Equipment in SAP Field Service Management

You can now replicate the main partner for equipment in SAP Field Service Management.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`CRM-S4-INT-FSM` (*Field Service Management Integration*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

It is now possible to replicate the main partner for an equipment in SAP S/4HANA Service Management. If the main partner flag is set, then only that customer and contact are replicated to SAP Field Service Management. If the flag is not set, then the first entry for the partner sold-to-party and its corresponding contact person is considered for replication.

Related Information

8.1.1.3.3 Support for Monitoring and Re-processing of Smartforms in SAP S/4HANA Service

You can monitor the replication logs for smartform templates and instances replicated from SAP Field Service Management to SAP S/4HANA Service.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	CRM-S4-INT-FSM (*Field Service Management Integration*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

Any errors that occur during replication of the Smartform templates or instances can be monitored in the AIF error log. The error log is accessible using transaction /AIF/ERR under Namespace FSMCKL, Interface name IF_CKL_TMP or IF_CKL_INS and Interface version 1. It is also possible to filter the replication log based on the options available under the *More specific section*. AIF integration provides the capabilities to re-process the message payload using *Restart* option.

Related Information

Monitoring using Application Integration Framework in SAP S/4HANA

9 Sourcing and Procurement

9.1 My Purchase Requisitions - New

With this app, the following happens in the case of replication before approval:

- Requisitions or items that have been rejected are deleted in both the hub and connected systems.
- The deleted requisitions and items cannot be undeleted in the connected system.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	18J (Requisitioning), 1XI (Central Requisitioning). O8J (Requisitioning)
Application Component	`MM-FIO-PUR-REQ-SSP` (*Self-Service Procurement*)
Valid as Of	SAP S/4HANA 2022 SPS02

Related Information

My Purchase Requisitions - New

9.2 Country/Region Specifics

For country/region-specific changes, please see Country/Region Specifics [page 83].

10 Supply Chain

10.1 Logistics Cross Topics

10.1.1 Process Flow Transparency in Logistics

10.1.1.1 Picking Process Step in Sales Order/Outbound Delivery Scenario

The business scenario sales order/outbound delivery has now been enhanced with the additional process step picking. This means, information about picking activities on the outbound delivery in SAP S/4HANA can be made available outside SAP S/4HANA via the process flow transparency business events. Hence, applications consuming these events can be informed about activities and status changes regarding picking.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`LO-GEN-PFT` (*Process Flow Transparency*)
Valid as Of	SAP S/4HANA 2022 FPS02

Effects on Customizing

To make picking activities or picking status changes in SAP S/4HANA available for process flow transparency via our events, you have to activate the picking process step for the sales order/outbound delivery scenario. To do so, go to your configuration environment and search for *Activate Process Steps*. Check the configuration documentation for further information.

Related Information

Sales Order Outbound Delivery Scenario

10.1.1.2 Logistics Process Flow Status Collection Events

It is now possible to follow up on the picking status of an outbound delivery in SAP S/4HANA via the status collection event. The status collection event is triggered every time a picking activity in SAP S/4HANA results in a change of the picking status for the outbound delivery. Like for all other statuses, the picking status can be open, partially fullfilled, and fullfilled.

It is now also possible to add further attributes to the event payload in addition to the standard information.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	LO-GEN-PFT (*Process Flow Transparency*)
Valid as Of	SAP S/4HANA 2022 FPS02

Effects on Customizing

To make status changes regarding picking available for process flow transparency in general and for theLogistics Process Flow Status Collection Events, you have to activate the picking process step for the sales order/outbound delivery scenario. To do so, go to your configuration environment and search for *Activate Process Steps*. Check the configuration documentation for further information.

To make additional attributes available in the Logistics Process Flow Status Collection Events payload, go to your configuration environment and search for *Specify Attributes for Event Payload*. Check the configuration documentation for further information.

Related Information

Logistics Process Flow Status Collection Events
Sales Order Outbound Delivery Scenario

10.1.1.3 Logistics Process Flow Activity Events

The activity event is now also triggered when in SAP S/4HANA picking processes for the outbound delivery are performed,for example, picking of the full or partial quantity as well as changing or deleting the picking quantity.

It is now also possible to add further attributes to the event payload in addition to the standard information.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	LO-GEN-PFT (*Process Flow Transparency*)
Valid as Of	SAP S/4HANA 2022 FPS02

Effects on Customizing

To make picking available for process flow transparency in general and for theLogistics Process Flow Activity Events, you have to activate the picking process step for the sales order/outbound delivery scenario. To do so, go to your configuration environment and search for *Activate Process Steps*. Check the configuration documentation for further information.

To make additional attributes available in the Logistics Process Flow Activity Events payload, go to your configuration environment and search for *Specify Attributes for Event Payload*. Check the configuration documentation for further information.

Related Information

Logistics Process Flow Activity Events
Sales Order Outbound Delivery Scenario

10.2 Warehouse Management

10.2.1 Update Delivery in Delivery Management Before Goods Issue

With this feature, you can update an outbound delivery in the Delivery Management application component after picking and packing is completed but before goods issue is posted.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	SCM-EWM-DLP (*Delivery Processing*)
Valid as Of	SAP S/4HANA 2202 FPS2

Additional Details

You trigger the early update by setting the shipping readiness status for the outbound delivery order to *Ready*. Select the *Set to Ready for Shipping* method in the warehouse management monitor under ⟩ *Outbound* ⟩ *Documents* ⟩ *Outbound Delivery Order* ⟩.

You can use this status update as a condition for other activities. For example, you can use the status update to trigger the printing of delivery notes in Delivery Management that can then be attached to packed deliveries.

Effects on Customizing

You must define the document type and item type that are to be used in the outbound delivery order as follows:

- Define a process profile that has the setting *Send Update to LE-SHP: Ready for Shipping*. This process profile is to be assigned to the document type.
  You can find this setting for the process profile in Customizing for *Extended Warehouse Management* under ⟩ *Cross-Process Settings* ⟩ *Delivery - Warehouse Request* ⟩ *Process Management and Control* ⟩ *Define Process Profile for Document Header* ⟩.

- Define status profiles for the document type and the item type:
  - For the document type, define a status profile in which the *Shipping Readiness* (*DSH*) status type is active and the *Assign Transportation Unit* (*DTU*) status type is inactive.
  - For the item type, define a status profile in which the *Assign Transportation Unit* (*DTU*) status type is inactive.

  > ### i Note
  >
  > It's possible to choose different status profiles for the document type and the item type, but the *DTU* status type must be inactive in both.

  You can find these settings for the status profiles in Customizing for *Extended Warehouse Management* under ▶ *Cross-Process Settings* ❯ *Delivery - Warehouse Request* ❯ *Status Management* ❯ *Define Status Profiles* ◀.

- Assign the process profile and the relevant status profile to the document type in Customizing for *Extended Warehouse Management* under ▶ *Goods Issue Process* ❯ *Outbound Delivery* ❯ *Define Document Types for Outbound Delivery Process* ◀.
- Assign the relevant status profile to the item type in Customizing for *Extended Warehouse Management* under ▶ *Goods Issue Process* ❯ *Outbound Delivery* ❯ *Define Item Types for Outbound Delivery Process* ◀.

Related Information

Update Delivery in Delivery Management Before Goods Issue

10.2.2 Handling Unit Warehouse Tasks for Follow-Up Actions

This feature enables you to automatically create handling unit (HU) warehouse tasks for follow-up actions when you post usage decisions for quality inspections involving HUs.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1V9 (Basic Warehouse Inbound Processing from Supplier with Quality Management)
Application Component	SCM-EWM-QM (*Quality Management*)

Valid as Of	SAP S/4HANA 2022 FPS02
	SAP S/4HANA 2021 SPS04

Effects on Customizing

You indicate that you want the system to create HU warehouse tasks instead of product warehouse tasks in Customizing for *Extended Warehouse Management* under ▶ *Cross-Process Settings* ❯ *Quality Management* ❯ *Inspection Results* ❯ *Maintain Follow-Up Actions* ◀ .

Related Information

For more information if you're using Extended Warehouse Management (EWM) embedded in SAP S/4HANA, see Logistical Follow-Up Actions.

For more information if you're using decentralized EWM based on SAP S/4HANA, see Logistical Follow-Up Actions.

10.3 Delivery and Transportation

10.3.1 Delivery Management

10.3.1.1 BAdI: BAdI to Allow Sending of Attachments

The BAdI *BAdI to Allow Sending of Attachments* (LE_SHP_ASN_SEND_ATTACHMENTS) allows you to send attachments over EDI. For more information, see the SAP Note in the related links.

Technical Details

Type	New
Functional Localization	Not Applicable
Scope Item	4A1 (*Automation of Order-to-Invoice with Ariba Network*)
Technical Object Name	LE_SHP_ASN_SEND_ATTACHMENTS

Application Component	*Basic Functions* (*LE-SHP-GF*)
Valid as Of	SAP S/4HANA 2022 FPS02

Related Information

SAP Note: 3290336 ↗

10.3.2 Transportation Management

10.3.2.1 Sales Scheduling Agreements

This feature enables you to activate integration between Sales and Distribution (SD) and Transportation Management (TM) in SAP S/4HANA. TM builds freight units (FU) for items in a schedule line. Adittionally, schedule lines and quantities are automatically updated after deliveries are executed.

Technical Details

Type	Changed
Functional Localization	Not applicable
Application Component	`TM-INT-LI` (*Logistics Integration*)
Valid as Of	SAP S/4HANA 2022 FPS02

Related Information

Integration of SD Scheduling Agreements

10.3.2.2 Report for Basic TM Usage vs. Advanced TM Usage

With this feature, you can list how you use objects and functions in Transportation Management (TM) within SAP S/4HANA. The result shows if you are using objects and functions which belong to either *Basic TM* or *Advanced TM*.

Basic TM uses defined and limited functions within SAP S/4HANA Supply Chain for Transportation Management to allow a simple transportation process equivalent to the classic LE-TRA transportation process. The functions of *Basic TM* are part of the *SAP S/4HANA Enterprise Management* license.

Advanced TM uses the full scope of SAP S/4HANA Supply Chain for Transportation Management. The functions of *Advanced TM* are part of *SAP S/4HANA Enhanced LOB Functions* licenses, which are in addition to the *SAP S/4HANA Enterprise Management* license.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`TM-CF` (*Cross Functions*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

The transaction `/SCMTMS/AUDIT` can be used to run the report during implementation projects.

In addition, the transaction is used by the central SAP Auditing Department. Auditing in the customer system takes place regularly in alignment with the customer.

Please note that the report is for your orientation. Certain functions, for example, *Embedded Analytics* based on core data services or collaboration apps in TM, amongst others, are currently not verified.

For more information about the audit report, see SAP Note 3289248.

For more information about the objects and functions available in the *Basic TM* vs. the *Advanced TM* scope, see SAP Note 3065464. The files attached to the SAP Note give further information about objects and functions used in the transaction.

10.3.2.3 Enhancements in Manage Execution of Freight Orders

With this feature, you as a carrier or a representative of a service provider can now report any planned event in a transportation stop for a freight order that is in execution. When you report an event, the reporting date and time is defaulted to the current date and time for ease-of-use. You can also view cargo details in a freight order.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	TM-CA-FRM (*Freight Order Management*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

Previously, you could report only the next planned event in a transportation stop for a freight order that is in execution. Now, you can report any planned event in a transportation stop.

Related Information

[Freight Order Execution](#)

10.3.2.4 Enhancements in Carrier Collaboration

With this feature, you as a carrier or a representative of a service provider can do the following: propose changes to the pickup and delivery dates and times when you confirm a freight order, update driver name and vehicle registration details in a freight order, view cargo details such as total quantity and weight in a freight order, and propose changes to the price limit and currency in a freight request for quotation (RFQ).

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	TM-CA-FRM (*Freight Order Management*)

Valid as Of	SAP S/4HANA 2022 FPS02

Related Information

10.4 Advanced Order Promising

10.4.1 Product Availability Check (CA-ATP-PAC)

10.4.1.1 Check Horizon in the Product Availability Check

With this feature, the concept of replenishment lead times in availability checks has been generalized. In addition to generating full confirmations for requirements after the check horizon, you can now configure the scope of check for availability checks to generate zero confirmations after the check horizon.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Application Component	`CA-ATP-PAC` (*ATP: Product Availability Check*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

In the configuration activity *Configure Scope of Availability Check* (⏯ *SAP Customizing Implementation Guide* ❭ *Cross-Application Components* ❭ *Advanced Available-to-Promise (aATP)* ❭ *Product Availability Check (PAC)* ❭ *Configure Scope of Availability Check* ❭), you can now choose between the following options for the *Result After Check Horizon* field:

- *Full Confirmation*: Note that executing an availability check with this option is comparable to an availability check with replenishment lead time in previous releases.
- *Ignore Check Horizon*: Note that executing an availability check with this option is comparable to an availability check with the *Without Replenishment Lead Time* option in previous releases.
- *Zero Confirmation*

Related Information

Check Horizon in the Product Availability Check

10.5 Country/Region Specifics

For country/region-specific changes, please see Country/Region Specifics [page 83].

11 Integration

11.1 Business Network Integration

11.1.1 Ariba Network Integration

11.1.1.1 Automation of Order-to-Invoice with SAP Business Network (4A1)

The scope item 4A1 connects SAP S/4HANA with SAP Business Network through SAP Integrated Suite, managed gateway, and automates the sales processing for suppliers and trading partners from creating sales orders to sending customer invoices. It now supports sending header attachments on advanced shipping notifications from SAP S/4HANA to SAP Business Network.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	4A1 (Automation of Order-to-Invoice with Ariba Network)
Application Component	`BNS-INT-ARI` (*Ariba Integration with S/4HANA*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

To enble the header level attachment on advanced shipping notifications, see SAP Note 3290336.

Related Information

Automation of Order-to-Invoice with SAP Business Network (4A1)
SAP Note 3290336

11.2 Integration with Industry Cloud Solutions from SAP

11.2.1 Business Object Data Available for Replication to Industry Cloud Solutions

This feature enables you to replicate SAP S/4HANA business object data (for example, master data, transaction data, or configuration data) to data ingestion for industry cloud solutions.

For information about the new supported entities, see *Additional Details*.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`CA-ICS-INT` (*Integration with Industry Cloud Solutions*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

The list of supported entities has been enhanced as follows:

Supported Entity (Data Ingestion for Industry Cloud Solutions)	Business Object Type	Corresponding Outbound Implementation	Outbound Implementation Description
`sap.cic.logistics.delivery.OutboundDelivery`	73	`CIC_OUTBDL`	*Outbound Delivery (Industry Cloud Solutions)*
`sap.cic.product.DistributionProfileCodes`	5857	`CIC_DPC`	*Distribution Profile (Industry Cloud Solutions)*

> **i Note**
>
> For more information about which entity versions are supported by which release, see SAP Note 3261630.

Related Information

Integration with Industry Cloud Solutions from SAP

11.3 Country/Region Specifics

For country/region-specific changes, please see Country/Region Specifics [page 83].

12 Cross Components

12.1 Document Management

12.1.1 Flexible Navigation from the Attachment Service UI to the Manage Documents App or to Display Document (CV03N)

With this feature, you can use the document info record (DIR) number to navigate from the Attachment Service UI to either the Manage Documents application or to Display Document (`CV03N`) depending on your configurations. The default setting is that you navigate to the Manage Documents application from the Attachment Service UI.

> **i Note**
>
> You can navigate to the Manage Documents application or Display Document (`CV03N`) in both SAP Fiori and SAP NetWeaver Business Client (NWBC).

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	22P
Application Component	`CA-DMS` (*Document Management System*)
Valid as of	SAP S/4HANA 2022 FPS02

12.2 Responsibility Management

12.2.1 OData API: Responsibility Management Teams

With this inbound synchronous service, you can create, update, delete, and read teams modelled using the SAP Fiori application, Manage Teams and Responsibilities. This API is based on the OData V2 protocol. This API also enables you to perform the following operation:

- Prepone team header start date
- Create, delete, read, and unassign team owner
- Create, delete, and read team member
- Update team member start date
- Create, delete, read, and unassign team member function
- Create, delete, and read team attributes
- Read team hierarchies
- Add, delete, and get subnodes of the team hierarchy
- Get potential subnodes of the team hierarchy

> i Note
>
> To try out the service for the release 2021 SPS04, you can use the Responsibility Management Teams service published for 2022 FPS02 in the API Hub.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1NJ (Responsibility Management)
Application Component	CA-GTF-RM (*Responsibility Management*)
Valid as Of	SAP S/4HANA 2023
	SAP S/4HANA 2022 FPS02
	SAP S/4HANA 2021 SPS04

Related Information

[Responsibility Management Teams](#)

12.3 Business Event Logging

12.3.1 Business Event Log Data (Version 2)

This CDS view Business Event Log Data (Version 2) (`C_BusEvtLogEventDEX_2`) enables you to extract business event header data. It helps determine entries for business events and get the source of the business events.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	CA-GTF-BEL (*Business Event Logging*)
Valid as Of	SAP S/4HANA 2022 SPS02

Related Information

Business Event Log Data (Version2)

12.4 Country/Region Specifics

For country/region-specific changes, please see Country/Region Specifics [page 83].

13 Country/Region Specifics

13.1 Australia

13.1.1 Finance

13.1.1.1 Cross-Border Exchange of Electronic Documents in Convergent Invoicing

With this feature, you can exchange electronic invoices and credit notes via Peppol with business partners based in New Zealand.

Technical Details

Type	New
Functional Localization	Localized for Australia
Scope Item	2BE (Convergent Invoicing - Invoice Correction Processing)
	2BG (Convergent Invoicing - Invoice Creation for Usage and Service)
	2T3 (Convergent Invoicing - Recurring and One-Off Items)
Application Component	`FI-LOC-CA` (*Contract Accounting*)
Valid as Of	SAP S/4HANA 2022 FPS02
	SAP S/4HANA 2021 SPS04

Related Information

[Convergent Invoicing](#)

13.2 Brazil

13.2.1 Cross-Application Functions

13.2.1.1 Exclude IPI from PIS and COFINS Tax Base

Changes have been made to your SAP system to support the exclusion of the IPI from the PIS and tha COFINS tax base.

Technical Details

Type	New
Functional Localization	Localized for Brazil
Scope Item	BNX (*Consumable Purchasing*)
	J45(*Procurement of Direct Materials*)
Application Component	`FI-LOC-MM-BR` (*Material Management for Brazil*)
Valid as Of	SAP S/4HANA 2022 SPS02

Additional Details

The *Exclude IPI from PIS and COFINS base* (`EXCLUDE_IPI_FROM_PIS_COF_BASE`) method is available in the *BAdI: Extension of Tax Calculation Features* Customizing activity for you to enable and configure the exclusion.

13.2.1.2 Fields Added to Nota Fiscal Document to Enable Confidentiality

The *Document Reference Type* (`DOCREF_TYPE`) and *44-Digit Access Key* (`ACCESS_KEY`) fields have been made available in your SAP system to support legal requirements of the nota fiscal.

Technical Details

Type	New
Functional Localization	Localized for Brazil
Scope Item	1J5 (*Invoice, Taxes and Complementary Postings*)
Application Component	`FI-LOC-LO-BR` (*Logistics for Brazil*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

The *Document Reference Type* (`DOCREF_TYPE`) and *44-Digit Access Key* (`ACCESS_KEY`) are available in the following objects of your SAP system:

- *Nota Fiscal Writer* (`J1B*N`) transactions, *External NFe References* table under the *Additional Information* tab of the document.
- *Additional Data for Nota Fiscal* (`J_1BNF_ADD_DATA`) BAdI.

These fields were added to nota fiscal document to allow referencing external NF-e by informing the access key. The access key may be informed with zeroed numeric code (random number) to meet secrecy requirement.

13.2.1.3 IS-OIL: Monophasic ICMS on Fuels

You can enable the calculation of the monophasic ICMS based on the ICMS ad rem rate, which is a fixed value per unit of quantity.

Technical Details

Type	New
Functional Localization	Localized for Brazil
Scope Item	BNX (*Consumable Purchasing*) J45 (*Procurement of Direct Materials*)
Application Component	`FI-LOC-ISC-BR-OIL` (*Oil*)

Valid as Of	SAP S/4HANA 2022 FPS02

Effects on Existing Data

The required customizings consist of new Access IDs configuration and must follow the implementation guide.

Effects on Customizing

The new access IDs for *ICMS AD REM*, *ICMS AD REM RETEN*, *ICMS AD REM rate reduction percentage* and *Proportion payable to destination UF* are available the Customazing under ▶ *SAP Customizing Implementation Guide Industry Solution Oil & Gas (Downstream)* ❯ *TDP (Tariffs, Duties and Permits)* ❯ *Country/Region-specific features* ❯ *Country/Region-specific features for Brazil* ❯ *Basic settings* ❯ *Maintain Dynamic Access Sequence* ▶ .

Related Information

SAP Note 3307663 Prerequisite Objects for ICMS Monophasic on Fuels☁
SAP Note 3309014 IS-OIL: ICMS Monophasic on Fuels☁

13.2.1.4 Monophasic ICMS on Fuels

You can enable the calculation of the monophasic ICMS based on the ICMS ad rem rate, which is a fixed value per unit of quantity.

Technical Details

Type	New
Functional Localization	Localized for Brazil
Scope Item	BNX (*Consumable Purchasing*)
	J45 (*Procurement of Direct Materials*)

Application Component	FI-LOC-MM-BR (*Material Management for Brazil*)
Valid as Of	SAP S/4HANA 2022 SPS02

Effects on Existing Data

The required customizings consist of the BAdI implementation and must follow the implementation guide.

Effects on Customizing

The *BAdI to enable ICMS ad rem calculation* (BADI_LOGBR_ENABLE_ICMS_ADREM) is available in the *BAdI: Enable ICMS ad rem Calculation* Customazing under ▶ *SAP Customizing Implementation Guide Logistics - General* ❯ *Tax on Goods Movement* ❯ *Brazil* ❯ *Materials Management* ❯ *Invoice Verification* ❯ *Business Add-Ins (BAdIs)* ◗.

Related Information

SAP Note 3307663
SAP Note 3317642
SAP Note 3319060

13.2.1.5 Import Fixed Assets Credit Amounts for Control Credits

This app enables you to integrate the Assets' data with the Control Credits app. The Import Fixed Assets Credit Amounts for Control Credits app, is part of a PIS and COFINS Control Credit suite on the Fixed Asset. In this app, you integrate the Assets data with the Control Credit app, that allows you to calculate credit values.

Technical Details

Type	New
Functional Localization	Localized for Brazil

Scope Item	54d
Application Component	FI-LOC-FI-BR (*Financials Brazil*)
Valid as Of	SAP S/4HANA 2022 SP02

13.2.2 Finance

13.2.2.1 Incoming Payment Files: Import and Forward (Automatically)

With this feature you can use the *Bank Statement Processing: Import and Forward* (**FEB_FILE_HANDLING**) report to process incoming payment files in Brazil, import them into the SAP system automatically and forward to other systems if you need to.

Technical Details

Type	New
Functional Localization	Localized for Brazil
Scope Item	J59 (Accounts Receivable)
Application Component	FI-AP-AP-B1 (*Payment Transfer*)
Valid as Of	SAP S/4HANA 2022 SPS02

Related Information

Incoming Payment File Processing

13.3   China

13.3.1 Finance

13.3.1.1 OData API: Payment Item - Read, Update

This feature enables you to read payment header and payment items as well as update the approval status of payment items.

Technical Details

Type	New
Functional Localization	Localized for China
Scope Item	J60 (Accounts Payable)
Application Component	FI-LOC-EPI-CN (*E-Payment Integration China*)
Valid as Of	SAP S/4HANA 2022 SPS02

Related Information

Payment Item - Read, Update

13.4   Croatia

13.4.1 Cross-Application Functions

13.4.1.1 Document and Reporting Compliance

13.4.1.1.1 EC Sales List

With this feature, you can use the **Run Statutory Reports** app to generate the EC Sales List reporting file for Croatia.

Technical Details

Type	New
Functional Localization	Localized for Croatia
Scope Item	1J2 (Compliance Formats - Support Preparation)
Application Component	`FI-LOC-FI-HR` (*Financials Croatia*)
	`FI-LOC-ECS` (*EC Sales List*)
Valid as Of	SAP S/4HANA 2022 SPS02

Additional Details

The `HR_ECSL` (Croatia EC Sales List) is available in the search help of the *Report Name* field in the *Run Statutory Reports* app so you can generate the EC Sales List XML file.

Effects on Customizing

New configuration items have been added for making settings related to EC Sales List. For more information about the report configuration, see Setting Up the EC Sales List Report.

Related Information

EC Sales List

13.5   Germany

13.5.1 Finance

13.5.1.1 DTAUS **Format**

The `DTAUS` format is deprecated as of SAP S/4HANA 2022 and will be deleted from the transactions that supported it in the upcoming SAP S/4HANA 2023 release.

Technical Details

Type	Deprecated
Functional Localization	Localized for Germany
Scope Item	J59 (Accounts Receivable)
Application Component	FI-FIO-AR (*Fiori UI for Accounts Receivable*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

The DTAUS format in all transactions related to bank statement processing (such as *Import Electronic Bank Statement* (FF.5 and FF_5)) is deprecated and will be deleted in the SAP S/4HANA 2023 release. The DTAUS format will not be an available option under the *File Specifications* section. Instead of the DTAUS format, you can use other options that are available in the transactions.

Related Information

Country/Region-Specific Payment Formats
Payment Medium Format DTAUS0
Bank Statement Processing

13.6   Israel

13.6.1 Cross-Application Functions

13.6.1.1 Document and Reporting Compliance

13.6.1.1.1 Capital Gains Tax Report

You can use this feature to generate your tax report for capital gains after selling your assets during a fiscal year.

Technical Details

Type	New
Functional Localization	Localized for Israel
Scope Item	1J2 (Compliance Formats - Support Preparation)
Application Component	`FI-LOC-AA-IL` (*Israel*)
Valid as Of	SAP S/4HANA 2022 FPS02

Effects on Customizing

To support the generation of the capital gains tax report with the *Run Statutory Reports* app, make the required settings in Customizing for *Cross-Application Components* under ▶ *General Application Functions* ❭ *Document and Reporting Compliance* ❭ *Country/Region-Specific Settings* ❭ *Israel* ❭ *Statutory Reporting* ❭ *Capital Gains Tax Report* ❭ :

- ▶ *General Settings* ❭ *Setting Up Your Statutory Reporting* ❭
- *Maintain Index Values*

Related Information

Capital Gains Tax Report

13.7 Luxembourg

13.7.1 Finance

13.7.1.1 Enable Tax Reporting in Special G/L Indicator Line

With this feature, you can enable the reporting of tax amounts in the journal entry line items with a certain special G/L indicator. The new maintenance view, *Enable Tax Reporting in Special G/L Indicator Line* (`FILUV_SP_GL_TAX`) is available for this purpose.

Technical Details

Type	New
Functional Localization	Localized for Luxembourg
Scope Item	Not applicable
Application Component	`FI-LOC-SAF-LU` (*SAF-T Luxembourg*)
Valid as Of	SAP S/4HANA 2022 FPS02
	SAP S/4HANA 2021 SPS04
	SAP S/4HANA 2020 SPS06
	SAP S/4HANA 1909 SPS08
	SAP S/4HANA 1809 SPS10
	SAP S/4HANA 1709 SPS12

Effects on Existing Data

The maintenance view is inserted on the *SAP Easy Access* screen for the *Standard Audit File for Tax Purpose* (SAF-T) generation in ▶ *Accounting* ❯ *Financial Accounting* ❯ *General Ledger* ❯ *Reporting* ❯ *Standard Audit File for Tax Purposes (SAFT)* ❯ *SAFT Settings* ❯ *Country/Region-Specific Settings* ❯ *Luxembourg* ❯ *Enable Tax Reporting in Special G/L Indicator Line* ❯ (transaction code: `FILUV_SP_GL_TAX`).

Effects on Customizing

The maintenance view is also inserted in Customizing for *Financial Accounting* under ▶ *General Ledger Accounting* ❯ *Periodic Processing* ❯ *Report* ❯ *Statutory Reporting: Luxembourg* ❯ *SAF-T for Luxembourg* ❯ *Enable Tax Reporting in Special G/L Indicator Line* ❯.

Related Information

SAF-T
Enable Tax Reporting in Special G/L Indicator Line

13.8 New Zealand

13.8.1 Finance

13.8.1.1 Cross-Border Exchange of Electronic Documents in Convergent Invoicing

With this feature, you can exchange electronic invoices and credit notes via Peppol with business partners based in Australia.

Technical Details

Type	New
Functional Localization	Localized for New Zealand
Scope Item	2BE (Convergent Invoicing - Invoice Correction Processing)
	2BG (Convergent Invoicing - Invoice Creation for Usage and Service)
	2T3 (Convergent Invoicing - Recurring and One-Off Items)
Application Component	`FI-LOC-CA` (*Contract Accounting*)
Valid as Of	SAP S/4HANA 2022 FPS02
	SAP S/4HANA 2021 SPS04

Related Information

[Convergent Invoicing](#)

13.9 Philippines

13.9.1 Cross-Application Functions

13.9.1.1 Document and Reporting Compliance

13.9.1.1.1 CAS Reports

New field *Report Generated Date & Time* has been added in the generated Computerized Accounting System (CAS) reports. It displays the date and the time including the time zone of the report generation. The format is, for example, **November 23 2022 05:47:29 AM CET**. In addition, new parameter PH_REG_TIN_TYPE has been added to the Customizing activity, *Setting Up Your Statutory Reporting*. This parameter decides the company TIN type displayed in the CAS reports, which gives an indication whether the company is VAT-registered or not.

Technical Details

Type	New
Functional Localization	Localized for the Philippines
Scope Item	1J2 (Advance Compliance Reporting)
Application Component	FI-LOC-FI-PH (*Financials Philippines*)
Valid as Of	SAP S/4HANA 2020 SPS06
	SAP S/4HANA 2021 SPS04
	SAP S/4HANA 2022 FPS02

Additional Details

You can maintain the new parameter PH_REG_TIN_TYPE on tab *Enter Parameters Specific to Reporting Category* in the *Setting Up Your Statutory Reporting* Customizing activity. If your company is VAT-registered, leave the parameter value empty. If your company is non-VAT-registered, enter "N" as the parameter value.

The new parameter has been enabled for the following CAS reports:

- *Philippines Computerized Accounting System - Cash Disbursement Journal* (PH_CAS_CDJ)
- *Philippines Computerized Accounting System - Cash Receipt Journal* (PH_CAS_CRJ)
- *Philippines Computerized Accounting System - General Ledger* (PH_CAS_GL)
- *Philippines Computerized Accounting System - General Journal* (PH_CAS_GJ)

- *Philippines Computerized Accounting System - Purchase Journal* (PH_CAS_PJ)
- *Philippines Computerized Accounting System - Sales Journal* (PH_CAS_SJ)

Related Information

Configuration for Cash Disbursement Journal
Configuration for Cash Receipt Journal
Configuration for General Ledger
Configuration for General Journal
Configuration for Purchase Journal
Configuration for Sales Journal

13.9.2 Finance

13.9.2.1 Payment Receipts

With this feature, TIN in the header of the printed payment receipts is displayed according to its format that you have maintained at the company code level and at the business partner level.

Technical Details

Type	Changed
Functional Localization	Localized for the Philippines
Scope Item	J59 (Accounts Receivable)
Application Component	`FI-LOC-FI-PH` (*Financials Philippines*)
Valid as Of	SAP S/4HANA 2020 SPS06
	SAP S/4HANA 2021 SPS04
	SAP S/4HANA 2022 FPS02

Additional Details

When you maintain the TIN number for your compony or business partners, enter it with suffix V or N to indicate whether the company or the business partner is VAT-registered or not. Then, the printed payment receipts will display the information accordingly. For detailed information, refer to Customizing Taxpayer Identification Numbers.

Related Information

13.10 Poland

13.10.1 Cross-Application Functions

13.10.1.1 Document and Reporting Compliance

13.10.1.1.1 Electronic Document Processing (B2B)

With this release, you can create electronic customer invoices for Poland (also called KSeF invoices) and submit them to the tax authority. This feature is available for SD billing document as well as for FI journal entries.

Technical Details

Type	New
Functional Localization	Localized for Poland
Scope Item	1MI (Delivery Processing without Order Reference), 2ET (Sales Order Processing for Non-Stock Material), BKJ(Sales Order Processing with Customer Down Payment), BKL (Invoice Correction Process with Credit Memo), BDQ (Invoice Correction Process with Debit Memo), 1EZ (Credit Memo Processing), 1F1 (Debit Memo Processing), BDD(Lean Customer Returns), 2EQ (Sale of Services), BDH(Sales Order Entry with One-Time Customer), BD3(Sales Processing using Third-Party with Shipping Notification), BDK(Sales Processing Using Third-Party Without Shipping Notification), BD9 (Sell from Stock), 5XU (Document and Reporting Compliance)
Application Component	`CA-GTF-CSC-EDO-PL` (*Document Compliance Poland*)

Valid as Of	SAP S/4HANA 2022 FPS02
	SAP S/4HANA 2021 SPS04
	SAP S/4HANA 2020 SPS06
	SAP S/4HANA 1909 SPS08
	SAP S/4HANA 1809 SPS10
	SAP S/4HANA 1709 SPS12

Additional Details

The following apps are available for this feature:

Apps for Electronic Documents Processing

App Name	Description
eDocument Cockpit	You can convert transactional documents, such as invoices into XML format and submit them to the end receivers. Receive electronic documents from business partners, such as your suppliers, and further process them.
eDocument Inbound Message Handler	With this report, you can retrieve and process updated statuses from the tax authority (KSeF) using the Session Reference Number for customer invoices. You can also Download / Pull incoming messages from tax authority (KSeF) for supplier invoices.
Schedule eDocument Jobs	You can automate some actions to run in the background by scheduling jobs.

In addition, for all customers you want to exchange electronic documents, you must maintain in their master data settings that identify them in the integration.

Effects on System Administration

You can archive electronic documents using the EDOCUMENT archiving object.

Effects on Customizing

You as a key user must carry out the following configuration options in your configuration environment:

- *Activate Source Type Documents for Company Code* (EDOCOMPANYACTIV)
- *Assign eDocument Type to Accounting Document Type* (T003EDOCV)
- *Activate Additional eDocument Instance Creation* (EDOFACTORYV)

- *Maintain General Parameters for eDocument* (`EDOGENCUSTV`)
- *Map Tax Codes to Invoicing Elements* (`EDO_PL_MAP_TAXV`)
- *Maintain Additional Information for Company Code* (`EDO_PL_INV_FOTRV`)
- *Defining Process Communication Through Cloud Services* (`EDOCOMPPROCCOMV`)
- *Extending Actions for Electronic Document Processes* (`EDOACTPROCBFCUSV`)

Additionaly, you can configure several value mappings to better meet your business needs.

- *Configuring Billing Document Type for eDocument Type* (`BILLING_TYPE`)
- *Configuring Order Reason* (`ORDER_REASON`)
- *Configuring Payment Method Type* (`PAYMENT_METHOD_TYPE`)
- *Configuring Payment Terms* (`PAYMENT_TERMS`)
- *Configuring Shipping Type* (`SHIPPING_TYPE`)
- *Configuring Partner Function Determination for Customer* (`SALES_ORG_PART_FUNC`)

Related Information

Electronic Customer Invoices (B2B)
Electronic Supplier Invoices (B2B)

13.11 Portugal

13.11.1 Cross-Application Functions

13.11.1.1 Document and Reporting Compliance

13.11.1.1.1 Periodic VAT Return and Annexes

With this feature, you can use the new *Periodic VAT Return and Annexes* (`PT_VAT_DCL`) report in the *Run Statutory Reports* app to generate the periodic VAT return (declaração periódica) and its annexes in XML format.

Technical Details

Type	New
Functional Localization	Localized for Portugal

Scope Item	1J2 (Compliance Formats - Support Preparation)
Application Component	`FI-LOC-FI-PT` (*Financials Portugal*)
Valid as Of	SAP S/4HANA 2022 FPS02

Effects on Customizing

For more information, see Setting Up the Periodic VAT Return and Annexes and Making Additional Settings for the Periodic VAT Return and Annexes.

Related Information

Periodic VAT Return and Annexes

13.12 Russia

13.12.1 Cross-Application Functions

13.12.1.1 Document and Reporting Compliance

13.12.1.1.1 Unified Tax Notice

This feature enables you to generate the unified tax notice (notification about calculated tax amounts, advance payments on taxes, fees, and social insurance contributions) in XML format using the *Run Statutory Reports* app.

Technical Details

Type	Changed
Functional Localization	Localized for Russia
Scope Item	1J2 (Compliance Formats - Support Preparation)

Application Component	FI-LOC-FI-RU (*Financials Russia*)
Valid as Of	SAP S/4HANA 2022 FPS02
	SAP S/4HANA 2021 SPS04
	SAP S/4HANA 2020 SPS06
	SAP S/4HANA 1909 SPS08
	SAP S/4HANA 1809 SPS10
	SAP S/4HANA 1709 SPS12

Additional Details

In Russia, you now pay most of the taxes in a single payment, alongside which you must submit the unified tax notice. This is an XML document that contains the calculated amounts of particular taxes, fees or social insurance contributions for a reporting period. The unified tax notice allows the tax authorities to correctly distribute your tax payment against these payment types.

Effects on System Administration

To enable users to access this report, their business users need to have the following business catalog assigned: *General Ledger - Reporting for Russian Federation* (SAP_FIN_BC_GL_REPORTING_RU).

Effects on Customizing

In order to use the report, you need to carry out the following Customizing activities:

- Set up the Unified Tax Notice report in Customizing for *Cross-Application Components* under ▌▶ *General Application Functions* ❯ *Document and Reporting Compliance* ❯ *Country/Region-Specific Settings* ❯ *Russia* ❯ *Statutory Reporting* ❯ *Unified Tax Notice* ❯ *General Settings* ❯ *Setting Up Your Statutory Reporting* ❭
- Define your version of the Unified Tax Notice report in Customizing for *Cross-Application Components* under ▌▶ *General Application Functions* ❯ *Document and Reporting Compliance* ❯ *Country-/Region-Specific Settings* ❯ *Russia* ❯ *Statutory Reporting* ❯ *Unified Tax Notice* ❯ *Define Versions of Unified Tax Notice* ❭

Related Information

Unified Tax Notice
Setting Up the Unified Tax Notice Report

13.12.2 Finance

13.12.2.1 VAT Paid for Other Parties: New Scheme for Automatic Postings

This feature enables you to use the new posting scheme in the Automatic Postings for VAT Paid for Other Party solution. This solution covers the scenario in which you need to pay VAT for your supplier and then deduct the VAT. According to the new posting scheme, you no longer need to pay VAT by creating a down payment request to the tax authorities when making a payment to the supplier. Instead, the amount of VAT to be paid is calculated directly based on your payment to the supplier.

Technical Details

Type	Changed
Functional Localization	Localized for Russia
Scope Item	Not applicable
Application Component	`FI-LOC-FI-RU` (*Financials Russia*)
Valid as Of	SAP S/4HANA 2022 FPS02
	SAP S/4HANA 2021 SPS04
	SAP S/4HANA 2020 SPS06
	SAP S/4HANA 1909 SPS08
	SAP S/4HANA 1809 SPS10
	SAP S/4HANA 1709 SPS12

Additional Details

The new posting scheme applies starting from 1 January, 2023. You can find a detailed description of the new scheme and examples of using it in the Automatic Postings for VAT Paid for Other Party solution by accessing the links below.

Related Information

13.12.2.2 Displaying Assignments of Registration Numbers of Traceable Goods: RNPT Status

With this feature you can update the RNPT status of traceable goods in the *Displaying Assignments of Registration Numbers of Traceable Goods* app (transaction `J3RMRNUSAGE`) in one of two ways:

- Manually, in the *RNPT Validity Status* field where the current status is displayed
- Automatically, using the *Update RNPT Status* checkbox

The automatic RNPT status update requires an active BAdI implementation to connect to the official traceability web service.

Technical Details

Type	Changed
Functional Localization	Localized for Russia
Scope Item	Not applicable
Application Component	`FI-LOC-FI-RU` (*Financials Russia*)
	`FI-LOC-LO-RU` (*Logistics Russia*)

Valid as Of	SAP S/4HANA 2022 FPS02
	SAP S/4HANA 2021 SPS04
	SAP S/4HANA 2020 SPS06
	SAP S/4HANA 1909 SPS08
	SAP S/4HANA 1809 SPS10
	SAP S/4HANA 1709 SPS12

Additional Details

You can find more information in the SAP Note 3273535 .

Effects on Customizing

Automatic RNPT status verification with the *Update RNPT Status* checkbox requires an active implementation of the Business Add-In (BAdI) *Check RNPT Validity* (`J3RL_RN_CHECK`) that interacts with the traceability web service provided by the Federal Tax Service of Russia.

Related Information

Displaying Assignments of Registration Numbers of Traceable Goods

13.13 Saudi Arabia

13.13.1 Cross-Application Functions

13.13.1.1 Document and Reporting Compliance

13.13.1.1.1 Electronic Documents for Saudi Arabia (Industry Solution Utilities (IS-U))

With this release, you can create electronic documents, such as electronic customer invoices for source document type IS-U Print Document (ISU_INVOIC) for Saudi Arabia, and submit them to the tax authority.

Technical Details

Type	New
Functional Localization	Localized for Saudi Arabia
Scope Item	5XU (Document and Reporting Compliance)
Application Component	`CA-GTF-CSC-EDO-ISU` (*e-Invoicing UBL for ISU*)
Valid as Of	SAP S/4HANA 2022 FPS02
	SAP S/4HANA 2021 SPS04
	SAP S/4HANA 2020 SPS06
	SAP S/4HANA 1909 SPS08
	SAP S/4HANA 1809 SPS10
	SAP S/4HANA 1709 SPS12

Additional Details

The following apps are available for this feature:

Apps for Electronic Documents Processing

App Name	Description
eDocument Cockpit	You can convert transactional documents, such as invoices into XML format and submit them to the end receivers.
Manage Electronic Documents	You can convert transactional documents, such as invoices into XML format and submit them to the end receivers.
eDocument: Processing in Background	You can schedule jobs to run actions on the electronic documents in the background.

In addition, for all customers you want to exchange electronic documents, you must maintain in their master data settings that identify them in the integration.

Effects on Existing Data

The process *Saudi Arabia eInvoice* in *eDocument Cockpit* has been renamed to *Saudi Arabia eInv.(Generation)* to better convey that this process is for generation electronic invoices for tax invoices and associated notes in XML format.

Effects on System Administration

You can archive electronic documents using the `EDOCUMENT` archiving object.

Effects on Customizing

You must carry out the following Customizing activities:

- Make general settings for creating electronic documents. Find the configuration steps in Customizing under ▶️ *Cross-Application Components* ❯ *General Application Functions* ❯ *Document and Reporting Compliance* ❯ *Country/Region-Specific Settings* ❯ *Saudi Arabia* ❯ *Electronic Document Processing (for IS-U)* ❯:
    - *Activate Source Type Documents for Company Code* (`EDOCOMPANYACTIV`)
    - *Define Interface Type for eDocument* (`EDOINTTYPEV`)
    - *Activate Additional eDocument Instance Creation* (`EDOFACTORYV`)
- Define *EDO* Business Transaction Event (BTE) and register function modules in transaction *SAP Business Framework: Business Transactions Events* (transaction code: FIBF).
- In Customizing for *Assign eDocument Type to Contract Accounting Document Type* (`TFK003EDOC`) under *SAP Utilities*, choose ▶️ *Invoicing* ❯ *E-Invoicing* ❯ *Country-Specific Functions* ❯ *eInvoicing - Saudi Arabia* ❯, assign an electronic document to an eDocument type.
- In Customizing for *Maintain Effective Date of Integration with Tax Authority* (`EDOSAINTACTDATE`) under *Cross-Application Components*, choose ▶️ *General Application Functions* ❯ *Document and Reporting Compliance* ❯ *Country/Region-Specific Settings* ❯ *Saudi Arabia* ❯ *Electronic Document Processing* ❯, maintain effective start date of integration with tax authority (ZATCA).

Additionaly, you can configure several value mappings to better meet your business needs.

Related Information

Processing Customer Invoices (Integration)

13.14 Ukraine

13.14.1 Cross-Application Functions

13.14.1.1 Document and Reporting Compliance

13.14.1.1.1 Financial Statements: Cash Flow Statement

With this feature you can use the Financial Statements report (report category `UA_FIN_STMNT`) to generate the following forms:

- Cash flow statement - direct method (Form 3)
- Cash flow statement - indirect method (Form 3-H)

You generate this report in the *Run Statutory Reports* app.

Technical Details

Type	Changed
Functional Localization	Localized for Ukraine
Scope Item	1J2 (Advance Compliance Reporting)
Application Component	`FI-LOC-FI-UA` (*Financials Ukraine*)
Valid as Of	SAP S/4HANA 2022 FPS02
	SAP S/4HANA 2021 SPS04
	SAP S/4HANA 2020 SPS06
	SAP S/4HANA 1909 SPS09
	SAP S/4HANA 1809 SPS11

Additional Details

> **i Note**
>
> This feature of the Financial Statements report (report category `UA_FIN_STMNT`) replaces the old Cash Flow Statement - Ukraine solution (transaction `J1UFCFS`): XML generator hierarchies `UAS3D` (form 3) and `UAS3I` (form 3-H) for the `J_3RF_TAX_XMLEXPORT` report, financial statement versions `UAPM` (form 3) and `UANM` (form 3-H) for the `J_3RFFORM4` report.

> Both the new report and the old solution will be available until December 31, 2024, after which the old solution will become obsolete.

To generate a cash flow statement, you need to check the *Generate Cash Flow Statement* box on the selection screen when creating a *New Run* in the *Generate Financial Statement* activity. The system will then generate a cash flow statement - direct method (Form 3) or a cash flow statement - indirect method (Form 3-H), depending on your Customizing settings.

> **i** Note
>
> Note that only the documents posted with the Offsetting Account Determination (New) solution enabled will be considered for the cash flow statement.

Effects on Customizing

You need to activate the BC-Set `FIN_LOC_UA_BCS_CF_2023`. It contains the template versions of cash flow statement - direct method (version `UAPM`) and cash flow statement - indirect method (version `UANM`).

If necessary, you can then define your versions for cash flow statements in the *Manage Cash Flow Statement Version* app (Fiori ID: `F4232`).

Related Information

Financial Statements
Setting Up the Financial Statements Report
Making Additional Settings for Financial Statements
Manage Cash Flow Statement Version
Example of Cash Flow Statement Version Settings
Generating the Financial Statements

13.14.2 Finance

13.14.2.1 Asset Write-Off Record

This feature enables you to generate and print the *Asset Write-Off Record* form.

Technical Details

Type	New
Functional Localization	Localized for Ukraine
Scope Item	Not applicable
Application Component	`FI-LOC-FI-UA` (*Financials Ukraine*)
Valid as Of	SAP S/4HANA 2022 FPS02
	SAP S/4HANA 2021 SPS04
	SAP S/4HANA 2020 SPS06
	SAP S/4HANA 1909 SPS09
	SAP S/4HANA 1809 SPS11

Additional Details

To access the report on the *SAP Easy Access* screen, choose ▶ *Accounting* ❯ *Financial Accounting* ❯ *Fixed Assets* ❯ *Information System* ❯ *Reports on Asset Accounting* ❯ *Preparations for Closing* ❯ *Country Specifics* ❯ *Ukraine* ❯ *Asset Accounting Forms* ❯ *Asset Write-Off Record* ◀ (transaction `J1UFWRITEOFFREC`).

Effects on Customizing

Make the required settings in Customizing for *Financial Accounting* under ▶ *Asset Accounting* ❯ *Information System* ❯ *Country-/Region-Specific Functions* ❯ *Ukraine* ❯ *Statutory Forms* ◀.

Related Information

Asset Write-Off Record

13.15 United States

13.15.1 Finance

13.15.1.1 Service for Reprocessing Lockbox Items

The OData service for reprocessing lockbox items with the `fin.ar.lockbox.reprocess` ID and the `/sap/bc/ui5_ui5/sap/fin_lbit_reprc` URL has been deprecated and will be deleted in the upcoming SAP S/4HANA 2023 release. This is relevant if you have created your own tiles for this OData service on the SAP Fiori launchpad.

Technical Details

Type	Deprecated
Functional Localization	Localized for the United States
Scope Item	J59 (Accounts Receivable)
	1JT (Lockbox)
Application Component	`FI-FIO-AR` (*Fiori UI for Accounts Receivable*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

The OData service for reprocessing lockbox items with the `fin.ar.bankstatementitems.reprocess` ID and the `/sap/bc/ui5_ui5/sap/fin_bsit_reprc` URL is the successor of the service for reprocessing lockbox items with the `fin.ar.lockbox.reprocess` ID and the `/sap/bc/ui5_ui5/sap/fin_lbit_reprc` URL. The service for reprocessing lockbox items with the `fin.ar.lockbox.reprocess` ID and the `/sap/bc/ui5_ui5/sap/fin_lbit_reprc` URL has been deprecated and will be deleted in the upcoming SAP S/4HANA 2023 release. If you have created your own tiles for this service on the SAP Fiori launchpad, we recommend that you switch to the successor service as soon as possible.

Related Information

Overview on Automatic Lockbox Processing
Reprocess Lockbox Items

14 Industries

14.1 Consumer

14.1.1 Agriculture

14.1.1.1 Country/Region Specifics

14.1.1.1.1 Exclude Expenses and or Fees

This feature enables you to exclude expenses and or fees from settlement and invoice verification so that they can be processed outside *Agricultural Contract Management*.

Technical Details

Type	New
Functional Localization	Localized for Brazil
Scope Item	Not applicable
Application Component	LO-AGR-LOC-BR (*Brazil Localization*)
Valid as Of	SAP S/4HANA 2020 SPS06
	SAP S/4HANA 2021 SPS04
	SAP S/4HANA 2022 FPS02

Related Information

Expenses and Fee Assignments at Unit Item Level

14.1.1.1.2 Enhanced MM Invoice Generation for Subsequent Settlement

This feature enables you to manage invoice generation for subsequent settlement. For subsequent settlements, the system transfers the net amount into MM (Materials Management) invoice and you can create a delta Nota Fiscal along with the invoice posting, if needed.

Typically, for Business Partner as a company, nota fiscal value from load data capture (LDC) is carried into MM invoice for the first settlement, either provisional or final, and the delta between nota fiscal value and settlement value is captured in the settlement true-up. This existing process remains unchanged.

Technical Details

Type	Changed
Functional Localization	Localized for Brazil
Scope Item	Not applicable
Application Component	`LO-AGR-LOC-BR` (*Brazil Localization*)
Valid as Of	SAP S/4HANA 2020 SPS06
	SAP S/4HANA 2021 SPS04
	SAP S/4HANA 2022 FPS02

14.1.2 Retail and Fashion

14.1.2.1 Retail for Merchandise Management

14.1.2.1.1 Available Stock (ATP) Quantity in Store in Look Up Retail Products Application

As a store associate you were able to view only on hand stocks available in the store. If the stock is already reserved for a customer orders, it is not distinctly viewed in the Look Up Retail Products application. With this feature you can depict available stock quantity (available-to-promise (ATP)) in the Look Up Retail Products application.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	LO-RFM-STO-FIO (**In-Store Merchandise and Inventory Management - Fiori Apps**)
Valid as Of	SAP S/4HANA 2022 002

Additional Details

If you need to create an incident regarding this feature, use component LO-RFM-STO-FIO.

Related Information

Look Up Retail Products
SAP Note 3295634

14.1.2.1.2 Handling of Product Cancelation and Billing Document Printing in Hand Over Orders Application

In case of short pick of originally ordered product, the substituted product is used to fulfil the remaining quantity. At the time of hand over, if the customer decides to cancel the originally ordered product, with this feature the substituted product gets canceled automatically.

At the time of handover, the billing document is printed using the Hand Over Orders application. If duplicate copy of billing document is required, you can also re-print it.

Technical Details

Type	New

Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	LO-RFM-STO-FIO (*In-Store Merchandise and Inventory Management - Fiori Apps*)
Valid as Of	SAP S/4HANA 2022 002

Additional Details

A *Preview Invoice* button is added in the **Hand Over Orders** application to preview, print, or re-print billing (invoice) document at the time of handover of orders to customers.

If you need to create an incident regarding this feature, use component LO-RFM-STO-FIO.

Related Information

Hand Over Orders
SAP Note 3295998

14.2   Energy & Natural Resources

14.2.1 Utilities

14.2.1.1 New Variant Program for IS-U Billing

A new variant program for IS-U Billing enables the calculation of a differential price from two incoming prices. This function is provided using the variant program COMPUT54 and can be used in a variety of contexts, for example, to convert special price-dependent discounts or credits into rates.

Technical Details

Type	New
Functional Localization	Not applicable

Scope Item	Not applicable
Application Component	IS-U-BI (*Contract Billing*)
Valid as of	SAP S/4HANA 2022 FPS02

14.3 Financial Services

14.3.1 Insurance

14.3.1.1 Policy Management

14.3.1.1.1 Business Transaction Change Limit in Mass Change Process

You can use the *Change Limit* business transaction in the *Mass Change* business process for contracts, coverages, or subcoverages of the commercial insurance business.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	FS-PM (*Policy Management*)
Valid as Of	SAP S/4HANA 2022 FPS02

Related Information

Execute Mass Change Business Process
Edit Limit

14.3.1.1.2 Legal Change to Registration (Austria)

With this function, you can use *Registration Management (Austria)* according to the changed legal requirements of the Austrian Insurance Association in the data exchange with insurance companies and with the Bundesanstalt Statistik Österreich (Austrian statistical office) about KFA version 7.00.

- You can use the *Import Registration Data (A)* report to import the new and changed fields that are sent to the insurance company.
- The new and changed fields are displayed in *Registration Management (Austria)*.

Technical Details

Type	Changed
Functional Localization	Localized for Austria
Scope Item	not applicable
Application Component	FS-PMA (*Policy Management for Auto Insurance*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

Changes to the Record Types

Record Type 4 - Personal Data:

- The field *GESCHL* was added in segments for legal persons analogous to natural persons.
- The value range for gender in legal and natural persons was adjusted.

Record Type 5 - Supplementary Data:

- The new field *Class of Base Vehicle* [vehicle class] (field *KLASSEB_C*) was added.
- The new field *Vehicles with Special Purpose* [vehicles with special purpose] (field *BES_ZWECK_C*) was added.

Effects on Data Transfer

Customer-specific implementations of BAdI `/MVA/AMV_RSA_DATA_EXCH_BADI` should be checked because there are new fields that need to be considered during import.

14.3.1.2 msg.PMQ

14.3.1.2.1 Deployment in Maven Repository

This feature enables you to deploy content archives directly from PMQ.Deployment into a Maven Repository.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	**FS-MPM** (*msg.PMQ*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

To obtain a content archive from a library, it has to be added to a deployment configuration. This is done either by specifying content projects from a workspace or by referencing existing content archives.

On the way into a Maven repository, the content archives have to be provided with a so-called descriptor POM. This describes a content archive as a Maven artifact and contains the Maven coordinates for the content archive. Furthermore, it is possible to mark several content archives of a deployment as belonging together in an aggregate POM before transport.

Uploading content archives to a Maven repository is divided into three sections:

1. **Maven Descriptor Generation**: Generates the descriptor POMs for each content archive.
   There are two possible modes:
   • Library: Generation of a deployment unit for each library
   • Aggregated: Generation of a deployment unit for all selected elements
2. **Maven Aggregate Generation**: Summarizes content archives and their dependencies.
   Is optional and therefore not mandatory to be added to a deployment configuration.
3. **Maven Transporter**: Upload the created artifacts to Maven repository.
   For this, the repository specification and login credentials (if the repository is access-protected) are required. The Maven transporter requires the Maven descriptor generator. If this is not included in the deployment configuration, the deployment terminates with an error message.

Instead of manually adding the generators Maven descriptor and Maven aggregate as well as the Maven transporter to a deployment configuration, you can define the necessary parameters using the Create Deployment Configuration Wizard. For this purpose, the entry **Deploy to Maven repository** has to be selected when selecting the deployment type.

For more information, see the PMQ.Designer User Guide, section 'Editor for Configurations/Maven Repository'.

14.3.1.2.2 Error Corrections and Usability Improvements

With this feature, smaller issues has been fixed and the usability has been improved.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`FS-MPM` (*msg.PMQ*)
Valid as Of	SAP S/4HANA 2022 FPS02

Additional Details

- PMQ.Designer
  - Performance improvements have been made for the Search view. For this purpose, the search view was changed to an object reference model.
  - When accessing external tables with the UNIQUE table function, the same exception is now generated for empty results as when accessing internal tables.
  - Result variables were set even though they were not enabled. This was due to the fact that when using the Runtime API methods of the following form IValue value = instance.getGeneric().getAttributeValue(attributeName, true); automatically calculated values were always set regardless of the Set Result flag. This has been corrected.
  - The initialization for the global settings for the grouped display of relations has been extended so that after creating a new workspace and opening relations in the grouped display, the property page is also displayed correctly.
- POTATO
  - During POTATO import not all GUID entries were taken over correctly. This has been fixed. When mapping the constraint by an enumeration, the GUID of the base is now explicitly used for extended enumerations.
  - A POTATO configuration could no longer be executed via the context menu in the structure tree. This has been fixed.
- PMQ.Deployment

- Deployment errors occurred in connection with compliance level. The parsing of the Java installation path has been corrected. Furthermore, the invocation of the Java compiler on Linux now also works without errors.
- Another path component consisting of a GUID that is always regenerated has been added to the internal deployment directory. This means that the paths for deployment configurations with the same name are still always unique.

14.4 Public Services

14.4.1 Public Sector

14.4.1.1 Public Sector Management

14.4.1.1.1 Standard OData Services for Public Sector Management Budget Structure

This feature enables you to use the standard OData service for the PSM Funds Management budget structure. The service is called:

- `API_BUDGETSTRUCTURE`

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`PSM-FM` (*Funds Management*)
Valid as Of	SAP S/4HANA 2022 SPS02

Related Information

[Funds Management Budget Structure](#)

14.4.1.1.2 FI Analytical Apps with U.S. Federal Fields

This feature enables you to display US Federal Government fields in the Finance analytical app *Display Line Items in General Ledger* (F2217).

Technical Details

Type	New
Functional Localization	Localized for United States
Scope Item	Not applicable
Application Component	**PSM-FG** (*Functions for US Federal Government*)
Valid as Of	SAP S/4HANA 2022 SPS02

Effects on Existing Data

Note that you need to use the Universal Journal to display the U.S. Federal fields. If you have used the special ledger to store the US Federal fields, this data will not be available in the analytical app fields. Fields that are derived at the time of reporting (using transaction FMUSFG1- reporting derivation) cannot be displayed in this app.

Effects on Customizing

You enable this feature by switching on the business function in PSM Customizing under ▶ *Public Sector Management* ▶ *Functions for US Federal Government* ▶ *General Settings* ▶ *Activate US Federal Fields in SAP Fiori Apps* ◀.

14.4.1.1.3 Business Partner, Supplier, and Customer Apps with U.S. Federal Fields

This feature enables you to use US Federal Government fields in the following Fiori apps to manage customer, supplier, and business partner master data:

- *Manage Business Partner Master Data* (F3163)
- *Manage Supplier Master Data* (F1053A)

- *Manage Customer Master Data* (F0850A)

The fields included are related to Unique Entity ID (UEI - SAM.gov), Fee Schedule, Agency Location Code, and Prompt Pay Act (PPA). They are available in these apps in the tab *Basic Data* under *Additional Information*.

Technical Details

Type	New
Functional Localization	Localized for United States
Scope Item	Not applicable
Application Component	**PSM-FG** (*Functions for US Federal Government*)
Valid as Of	SAP S/4HANA 2022 SPS02

Effects on Customizing

You enable this feature by switching on the business function in PSM Customizing under ▶ *Public Sector Management* ▶ *Functions for US Federal Government* ▶ *General Settings* ▶ *Activate US Federal Fields in SAP Fiori Apps* ▶ .

14.4.1.1.4 Analytical Queries for Grant

This feature offers query views for various grant use cases such as sponsors, grant details, and grant budget.

Technical Details

> **i Note**
>
> The Grants Overview Dashboard that is built on SAP S/4HANA data sources is available as an Enterprise Analytics content package in SAP Analytics Cloud (SAC).
>
> For more information, see https://help.sap.com/docs/SAP_ANALYTICS_CLOUD/00f68c2e08b941f081002fd3691d86a7/078868f57f3346a98c3233207bd211c7.html.

Type	New

Functional Localization	Localized for United States
Scope Item	4GX
Application Component	`PSM (Public Sector Management)`
Valid as Of	SAP S/4HANA 2022

14.4.1.1.5 Maintain Budget Figures from an External Data Upload for US Federal

This feature enables you to upload data from an external file (in the CSV format) to Funds Management budgeting with processes Transfer, Enter, Supplement and Return. The uploaded file data is posted in Funds Management as budget entry documents with US Federal Government fields (Governmentwide Treasury Account Symbol fields).

Technical Details

Type	New
Functional Localization	Localized for United States
Scope Item	Not applicable
Application Component	`PSM-FG` (*Functions for US Federal Government*)
Valid as Of	SAP S/4HANA 2022 SPS02

Related Information

Budget Data Upload from External Spreadsheet

14.4.1.1.6 Maintain Budget Figures from an External Data Upload for Use in the Budgetary Ledger

This feature enables you to upload data from an external file (in the CSV format) to Funds Management budgeting for the Enter, Return, Supplement and Transfer processes. It supports the automatic calculation of delta amounts based on uploaded and existing budget data. The uploaded file data is posted in Funds Management as budget entry documents.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PSM-FM (*Funds Management*)
Valid as Of	SAP S/4HANA 2022 SPS02

Related Information

[Budget Data Upload from External Spreadsheet](#)

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