



What's New | PUBLIC

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What's New in SAP S/4HANA 2021 FPS02

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1 What's New

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

2 Asset Management

2.1 Maintenance Management

2.1.1 New Property in Functional Location API

The *Functional Location* ODATA API (API_FUNCTIONALLOCATION) has a new property called `FuncnlLocPosInSuperiorTechObj` which indicates the position of the functional location in the superior technical object.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance) BH1 (Corrective Maintenance) BH2 (Emergency Maintenance) BJ2 (Preventive Maintenance)
Application Component	PM-EQM-FL (<i>Functional Locations</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Related Information

[Functional Location](#)

2.1.2 Extensibility in Spatial Explorer App

You can now extend the *Spatial Explorer* app to add custom actions by creating an adaptation project.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	CA-EPT-GEF (<i>GEO Enablement Framework</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

To add custom functions, you can create a new adaptation project. You can edit the project and add your custom logic to create your own views and controller files.

Related Information

[Extending the Spatial Explorer App to Add Custom Actions](#)

2.1.3 Inheritance of Spatial Data by Maintenance Orders

You can now allow maintenance orders to inherit spatial data from a technical object, maintenance notification, or a maintenance item.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	CA-EPT-GEF (<i>GEO Enablement Framework</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

When you create a maintenance order from a technical object, the maintenance order inherits the spatial data from the technical object.

When you create a maintenance order from a maintenance notification (that was created from a technical object or directly), the maintenance order inherits the spatial data from the maintenance notification.

When you create a maintenance item from a technical object, and then, create a maintenance notification and maintenance order, the maintenance order inherits the spatial data from the maintenance notification. The maintenance notification inherits spatial data from the maintenance item.

2.1.4 SAP S/4HANA Output Management for Maintenance Notifications and Maintenance Orders

You can use SAP S/4HANA output management to print the following documents for the application object 'maintenance notification' in the SAP GUI and WebDynpro user interfaces (UI):

- Activity report
- Breakdown report
- Notification overview report

SAP S/4HANA output management also enables you to print the following documents for the application object 'maintenance order' in the SAP GUI and WebDynpro user interfaces (UI):

- Job card
- Material issue slip
- Pick list
- Time ticket
- Time ticket split
- Completion confirmation slip

You can also design your print forms using Adobe LiveCycle Designer and configure your form using 'Output Parameter Determination' for the application object.

Technical Details

Type	New
Functional Localization	Not applicable

Scope Item	4HH (Reactive Maintenance) 4HI (Proactive Maintenance) BH1 (Corrective Maintenance) BH2 (Emergency Maintenance) BJ2 (Preventive Maintenance)
Application Component	PM-WOC-MO-PRI (<i>Print, Fax, Paging</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Related Information

[Process Maintenance Notification](#)
[Process Maintenance Order](#)

2.1.5 New Properties in Measurement Document API

When you use the *Measurement Document* API, you can now view the following details in the response:

- `MeasurementReadingDateTime`- The date and time (in UTC) when the measurement reading was taken.
- `MsmtDocumentCreationDateTime` - The date and time (in UTC) when the measurement reading was created.

Technical Details

Type	Changed
Functional Localization	Not applicable

Scope Item	BH1 (Corrective Maintenance) BH2 (Emergency Maintenance) BJ2 (Preventive Maintenance) 3MO (Service Contract Management) 3D2 (Service Order Management and Monitoring) 3XK (In-House Repair) 49X (Service Order Processing with SAP Field Service Management) 4GA (Service Quotation) 4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Application Component	PM-EQM-SF-MPC
Valid as Of	SAP S/4HANA 2021 FPS02

Related Information

[Measurement Document](#)

2.1.6 Business Events - Measurement Document and Measuring Point

When a measurement document is created or updated, additional details of the measurement document are available in the payload along with the measurement document ID.

The Measuring Point business object now triggers the following event:

- MeasuringPoint.Deleted - This event is raised when a measuring point is deleted.

When a measuring point is created, updated, or deleted, details of the measuring point are available in the payload along with the measuring point ID.

Technical Details

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

Functional Localization	Not applicable
Scope Item	BH1 (Corrective Maintenance) BH2 (Emergency Maintenance) BJ2 (Preventive Maintenance) 3MO (Service Contract Management) 3D2 (Service Order Management and Monitoring) 3XK (In-House Repair) 49X (Service Order Processing with SAP Field Service Management) 4GA (Service Quotation) 4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Application Component	PM-EQM-SF-MPC
Valid as Of	SAP S/4HANA 2021 FPS02

Related Information

[Measuring Point Events](#)

[Measurement Document Events](#)

2.1.7 SI Unit of Measurement for Attributes of Measurement Reading

When you read a measurement document using [Measurement Document](#) API or [Measurement Document](#) business event, you can now view the SI unit of measurement that is defined in the system for the attributes related to the measurement readings.

When you read a measuring point using [Measuring Point](#) API or [Measuring Point](#) business event, you can now view the SI unit of measurement that is defined in the system for the attributes related to the measurement readings.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	BH1 (Corrective Maintenance) BH2 (Emergency Maintenance) BJ2 (Preventive Maintenance) 3MO (Service Contract Management) 3D2 (Service Order Management and Monitoring) 3XK (In-House Repair) 49X (Service Order Processing with SAP Field Service Management) 4GA (Service Quotation) 4HH (Reactive Maintenance) 4HI (Proactive Maintenance)
Application Component	PM-EQM-SF-MPC (<i>Measuring Points and Counters</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Related Information

[Measurement Document](#)

2.1.8 Enterprise Asset Management Part 19

This business function enables you to use several enhancements for maintenance orders in Plant Maintenance.

Technical Details

Type	New
Functional Localization	Not applicable

Scope Item	BH1 (Corrective Maintenance), BJ2 (Preventive Maintenance)
Application Component	PM (<i>Plant Maintenance</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

This business function provides you with enhanced features for processing maintenance orders in Plant Maintenance:

- You can enter data for contracts, contract items or material groups in the work center. This information is then copied to the maintenance order operation.
- You can maintain a material group hierarchy and assign it to a combination of plant and order type. The material group hierarchy functions as an additional help for the material group field.
- You can set up automatic source of supply determination for the creation of purchase requisitions.
- You can automatically copy information such as the price, for example, from a contract to the maintenance order operation or component.
- You can immediately create purchase requisitions when saving maintenance orders, and block them until the order is released.

Related Information

[Enterprise Asset Management Part 19](#)

2.1.9 Simplified Management of EAM Functions Part 19

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

Technical Details

Type	New
Functional Localization	Not applicable

Scope Item	BH1 (Corrective Maintenance), BJ2 (Preventive Maintenance)
Application Component	PM (<i>Plant Maintenance</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

With this business function, you can benefit from enhanced features for processing maintenance orders on the *SAP Web UI* for Plant Maintenance:

- You can enter data for contracts, contract items or material groups in the work center. This information is then copied to the maintenance order operation.
- You can maintain a material group hierarchy and assign it to a combination of plant and order type. The material group hierarchy functions as an additional help for the material group field.
- You can set up automatic source of supply determination for the creation of purchase requisitions.
- You can automatically copy information such as the price, for example, from a contract to the maintenance order operation or component.
- You can immediately create purchase requisitions when saving maintenance orders, and block them until the order is released.

Related Information

[Simplified Management of EAM Functions 19](#)

2.2 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 78\]](#).

3 Finance

3.1 Financial Planning and Analysis

3.1.1 Manage Internal Orders (Version 2)

With this SAP Fiori app, you can now create and edit master data of internal orders.

Please note that this app does not support the following operations:

- Creating and managing model orders or investment orders.
- App extensibility, UI adaptation at runtime (RTA), and other customizing operations.

To be able to perform these operations, use the [Manage Internal Orders](#) app instead.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	BEV (Internal Order - Actual)
Application Component	CO-FIO-OPA-MD (Overhead Orders – Master Data)
Valid as Of	SAP S/4HANA 2021 FPS2

Related Information

[Manage Internal Orders \(Version 2\)](#)
[Manage Internal Orders](#)

3.1.2 Financial Planning

3.1.2.1 Migration of Financial Planning to New Model in SAP Analytics Cloud

The *Integrated Financial Planning for SAP S/4HANA* (SAP_FI_IFP_Financial_Planning) content has been migrated to a new model type available in SAP Analytics Cloud. This new model provides more flexibility and adds key benefits for both analytics and planning. The main difference is that you are now able to create multiple measures within the model, whereas in a classic account model, values are stored in a single default measure.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	4RC
Application Component	CO-FIO-SAC-PL (<i>SAP Analytics Cloud Planning Content</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

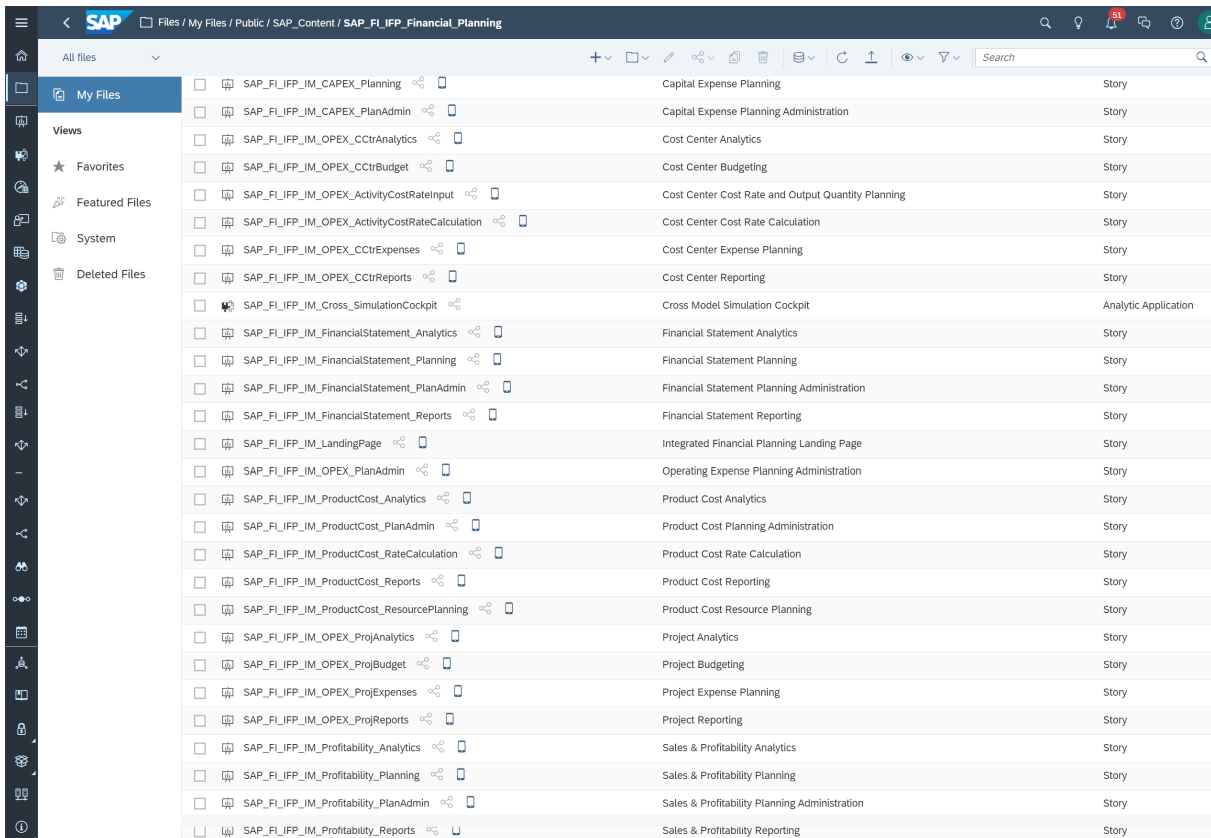
The main benefits of the new model type in SAP Analytics Cloud with focus on financial planning are:

- **Better Integration**
In SAP S/4HANA, the usage of multiple measures within a table is common practice. Therefore, the new SAP Analytics Cloud model type matches the structure of data from SAP S/4HANA. Data integration is generally faster and requires fewer transformations because you can import data from multiple measures directly instead of turning them into account members. This allows you to re-edit existing import definitions, including filtering and mapping, and leverage enhanced wrangling capabilities.
- **Improved Calculations**
The new measure approach provides member formulas for ad-hoc calculations, for example, calculation of the operating margin percentage as ratio of operating income and net revenue. It also allows you to define different aggregation behaviors for cases such as when a price needs to be handled as average and not be summed up. You can change account values from positive to negative based on dimension properties, which makes it easier for different types of user like controllers or accountants to analyze and plan with the same data. In addition, you can now define data types and decimals per measure.
- **Enhanced Currency Conversion**
You can plan on any base or conversion measure, such as local, transaction, and group currencies, and instantly see the results across dependent currencies. Now this data is also persisted on the database. Known features from the classic account model, such as rate versions and rate tables, are supported.

In context of the migration, we did some enhancements like the tight integration of cost center planning and project planning. Internal order planning is no longer part of this new content version. However, it still can be used in the old version or can be added in context of an implementation project.

i Note

With the migration to the new model, the technical names of the models, stories, data actions, and dimensions for the *Integrated Financial Planning for SAP S/4HANA* content have changed. They now start as follows: <SAP_FI_IFP...>.



Integrated Financial Planning for SAP S/4HANA (SAP_FI_IFP_Financial_Planning) business content in SAP Analytics Cloud

For more information about the *Integrated Financial Planning for SAP S/4HANA* content that comes with the new model type in SAP Analytics Cloud, see [Financial Planning in SAP Analytics Cloud](#)

For more information about the new model type in SAP Analytics Cloud, please see:

- [Get Started with the New Model Type](#)
- [Migrate From a Classic Account Model to a New Model Type](#)

i Note

Note that classic account models as used for the original *Integrated Financial Planning for SAP S/4HANA* content continue to work as before.

3.2 Accounting and Financial Close

3.2.1 General Ledger Accounting

3.2.1.1 Accounting Enhancements for Banking

3.2.1.1.1 Unique ID for MCA File Upload

This feature enables you to identify each upload for Multi-Currency Accounting (MCA) uniquely. Every time you upload a CSV file for the mass creation of FI documents for MCA, the system creates a unique file ID for the upload.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	FI-GL-CU-MCA (<i>Multi-Currency Accounting</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Effects on Existing Data

The user interfaces for the following transactions have been enhanced with the new field *MCA File ID*:

- FBMCAUPL (*Post Foreign Currency G/L Account Documents from Excel File*)
- FBMCWFDDASHBOARD (*Release/Reject Parked MCA Documents*)
- GMCA_RUNADM (*MCA Run Administration*)

Effects on Customizing

You must define number ranges for the upload file ID (number range object: GLE_FILEID) using transaction SNRO.

Related Information

[MCA Excel Upload](#)

3.2.2 Joint Venture Accounting

3.2.2.1 Deprecation of SAP Design Studio Apps in Joint Venture Accounting

All SAP Design Studio apps in Joint Venture Accounting are deprecated and will be removed from the system as of SAP S/4HANA 2022. We recommend that you switch to the Web Dynpro apps, which are the successor apps and already the default tiles on the SAP Fiori launchpad.

Technical Details

Type	Deprecated
Functional Localization	Not applicable
Scope Item	3F7 (Joint Venture Accounting)
Application Component	CA-JVA (<i>Joint Venture Accounting</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

With SAP S/4HANA 2021, the Web Dynpro version of the tiles become the default tiles on the SAP Fiori launchpad. The Design Studio version of the tiles are moved to the app finder.

Here's a list of all deprecated Design Studio apps in Joint Venture Accounting and their successor apps:

Design Studio Apps

Fiori ID	Design Studio App Name	Successor App
F4060	Partner Billing Report	W0143
F4061	Gross Non-Operated by Cost Object	W0142
F4063	Remaining Cutback	W0146
F4064	Partner Net by Cost Object	W0144

Fiori ID	Design Studio App Name	Successor App
F4065	Venture Expenses	W0141

Effects on Existing Data

These apps are the successors of the Design Studio apps. The Design Studio apps are no longer supported and will be deleted from the SAP Fiori launchpad as of SAP S/4HANA 2022. The apps may no longer be available by default on the SAP Fiori launchpad. In this case, you can find them in the app finder until they are deleted. We recommend that you switch to the successor apps as soon as possible.

Related Information

[Reporting](#)

3.2.3 Group Reporting

3.2.3.1 No-Data Processing Options in Validation

When defining a validation rule, you can now specify how the validation works when no data exists for any sum-type operands in a rule formula.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	1SG (Group Reporting - Financial Consolidation)
Application Component	FIN-CS-VE (<i>Validation for Group Reporting</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

You select one of the following options in the *Process No Data As* field:

- *Success with Warning* (or leave the field empty): The rule is passed with a *Warning* result regardless of the control level of the rule.
- *Failed*: The rule is not passed and the validation result is *Failed*, *Warning*, or *Information*, depending on the control level.
- *Zero*: All the no-data operands are treated as having the value **zero**. The system then applies the rule formula to evaluate the data and return a validation result based on the control level.

Effects on Existing Data

Any existing rules that have no no-data processing option selected are treated equally to those set as *Success with Warning*. The system behavior and validation results for these rules remain the same as that of prior releases.

Related Information

[Create Basic Rules](#)

[Manage Data Validation Tasks - Reported Data](#)

3.2.4 Central Budgeting for Projects - Enhancements

Central Budgeting for Projects in a Central Finance scenario provides a centralized approach to managing budgets in the Central Finance system, while the budget is typically consumed in a process carried out in the source systems. For Central Budgeting for Projects, a new Customizing Import functionality is available, and a Configuration Consistency Check has been enhanced.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	<p>FI-CF-PS (<i>Central Finance - Replication of WBS Elements to Central Finance</i>)</p> <p>FI-CF-CO (<i>Central Finance - Replication of CO Internal Postings</i>)</p>

Additional Details

Customizing Import for Central Budgeting for Projects

To simplify the setup of the Central Budgeting for Projects scenario, you can import the Customizing settings for Central Budgeting from one or several source systems into your Central Finance system. To do so, use the Import Customizing functionality available in Customizing for **Settings for Projects**. This functionality considers the mapping of company codes and project profiles, and if they are available in the Central Finance system, the corresponding entries will be made in Customizing.

Configuration Consistency Checks for Central Budgeting for Projects

The Budget Profile Assignment configuration consistency check warns the user if the mapping of a project/budget profile or assignment of a budget profile to a project profile is different in the source and Central Finance system and could possibly cause an inconsistency in the Central Budgeting for Projects scenario.

To use the configuration consistency checks for Central Budgeting for Projects, you need to implement SAP note [3071616](#) in your source system.

Related Information

[Central Budgeting for Projects Configuration Consistency Check](#)

3.2.5 Intermediate Data Retention - Stop Recording

With this feature you can stop recording of data, within the Intermediate Data Retention scenario, once you have completed your project.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable

Application Component	FI-CF (<i>Central Finance</i>)
Valid as Of	SAP S/4HANA 2021 FPS1

Additional Details

This feature enhances the Intermediate Data Retention (IDR) scenario by making it possible to stop recording data for IDR for an initial load group.

Effects on Customizing

A new option - **Stop Recording to IDR System** - is available in the Customizing activity **Manager Intermediate Data Retention** (▶ [Central Finance](#) ▶ [Central Finance Target System Settings](#) ▶ [Initial Load](#) ▶ [Initial Load Execution for Financial Accounting](#) ▶ [Initial Load Execution for Selected Company Codes](#) ▶).

Related Information

[Initial Load with Intermediate Data Retention \(IDR\)](#)

3.3 Treasury Management

3.3.1 Treasury and Risk Management

3.3.1.1 Configuration for Format Mappings

With this release, you can use the [Map Format Data for Treasury Correspondence](#) app to create and maintain format mappings for Treasury Correspondence. This app replaces the [Map Treasury Correspondence Format Data](#) app.

Technical Details

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

Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	CA-GTF-CSC-DME (<i>Data Medium Exchange Engine</i>) FIN-FSCM-TRM (<i>Treasury and Risk Management</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Effects on Existing Data

This app is the successor of the [Map Treasury Correspondence Format Data](#) app. The [Map Treasury Correspondence Format Data](#) app is deprecated and will be deleted from the SAP Fiori launchpad in an upcoming release. The deprecated app may no longer be available by default on the SAP Fiori launchpad. In this case, you can find it in the app finder until it is deleted. We recommend that you switch to the successor app as soon as possible.

All the format mapping data that you created in the deprecated app is available in the new app and there is no difference in the functions provided. Note that you may need to recreate your variants though.

Related Information

[Map Format Data for Treasury Correspondence](#)

3.3.2 Payment and Bank Communications

3.3.2.1 Advanced Payment Management

3.3.2.1.1 Configuration for Format Mappings

You can use the [Map Format Data for Advanced Payment Management](#) app to create and maintain format mappings for Advanced Payment Management. This app replaces the [Map Payment Format Data](#) app.

Technical Details

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

Functional Localization	Not applicable
Scope Item	4MT (Advanced Payment Management)
Application Component	CA-GTF-CSC-DME (<i>Data Medium Exchange Engine</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Effects on Customizing

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

All the format mapping data that you created in the deprecated app is available in the new app and there is no difference in the functions provided. Note that you may need to recreate your variants though.

Related Information

[Map Format Data for Advanced Payment Management](#)

3.4 Billing and Revenue Innovation Management

3.4.1 Contract Accounting

3.4.1.1 App Deprecated: My Open Worklists (F1611)

For technical reasons, the SAP Fiori app *My Open Worklists* with the Fiori ID F1611 has been deprecated and will be replaced by a new app version with the Fiori ID F1611A. The app will be deleted with SAP S/4HANA 2022. Please be aware that if you have personalized your launchpad, you need to remove the app with the old Fiori ID and add the new one.

Technical Details

Type	Deprecated
------	------------

Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	FI-CA (<i>Contract Accounts Receivable and Payable</i>)
Valid as Of	SAP S/4HANA 2021 FSP2

Related Information

[My Open Worklists](#)

3.5 Governance, Risk and Compliance for Finance

3.5.1 International Trade

3.5.1.1 International Trade Compliance

3.5.1.1.1 Trade Compliance Checks Now Available in Purchase Requisitions

You can now use trade compliance checks in purchase requisitions.

In International Trade, it is now possible to perform the following checks for purchase requisitions:

- Legal control checks for trade compliance with purchase requisitions
- Screening checks for purchase requisitions
- Trade compliance embargo checks for purchase requisitions
- Legal control checks for the export from the supplying plant to the business partner of the receiving plant in case of stock transport orders with purchase requisitions

Use

You can use the *Manage Documents - Trade Compliance, Analyze and Resolve Blocked Documents*, and *Schedule Postprocessing - Watch List Screening* apps to carry out the following actions:

- Display and edit the legal control status of the trade compliance document that is to be created from the purchase requisitions
- Display licenses assigned to trade compliance documents and additional attributes
- Edit the trade compliance documents by adjusting the license assignment and classification
- Display blocked legal control documents and resolve blocks
- Display the watch list screening status of the trade compliance document that is to be created from the purchase requisitions

- Schedule the postprocessing of the trade compliance document relevant for the SAP Watch List Screening service
- Display and edit the embargo status of the trade compliance document that is to be created from the purchase requisitions
- Display the blocked partners and release or confirm the embargo block.
- Analyze and display blocked embargo documents
- Confirm or release the embargo blocks for the trade compliance documents that are to be created from the purchase requisitions

Features

- Manage embargo situations for blocked countries
- Analyze and resolve embargo-blocked documents
- Connect with the screening application for SAP Business Technology Platform from within trade compliance documents in SAP S/4HANA for use with purchase requisitions
- Meet the legal requirements to exclude individual customer names or addresses from all lists of sanctioned parties in business processes
- Help ensure compliance of purchase requisitions involving international trade
- Analyze and resolve legal control issues with blocked documents
- Check legal control processes
- Manage import licenses
- Prevent purchasing activities with embargoed countries

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1W8 (Legal Control) 1WC (Embargo Control) 1WE (Restricted Party Screening with SAP Watch List Screening)
Application Component	SLL-ITR-TRC (<i>International Trade - Trade Compliance</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

3.6 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 78\]](#).

4 Human Resources

4.1 Enhancements for My Team Calendar

With these new features, you can

- download an Excel file of calendar data for a certain time period displaying certain events such as absences or non-working days.
- choose the start date for your calendar from even more calendar views and customize quick views for employees, which provide additional employee information such as the office location or the email address.
- choose to share your calendar and ask your colleagues to share theirs, and accept or reject the sharing requests either in the team calendar directly or by using a workflow.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PA-FIO-CAL (<i>My Team Calendar</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

4.2 Deprecation of Employee Fact Sheet (F1522)

The Fiori app Employee Fact Sheet (F1522) is deprecated soon and will disappear from the Fiori App Library in the upcoming release SAP S/4HANA 2022.

If you want to display employee-related data, please use the established HCM transactions, such as PA20, or respective reports. More generic information on an employee can be found using the Employee Lookup app.

Technical Details

Type	Deprecated
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	CA-HR-S4 (<i>Cross-Application HCM Objects in S/4HANA</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Related Information

[SAP Note 3120064](#)

4.3 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 78\]](#).

5 Manufacturing

5.1 Quality Management

5.1.1 Read User Statuses in Quality Info Record API

With this feature, you can now read user statuses in Quality Info Record API.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	1FM (Quality Management in Procurement)
Application Component	QM-PT-RP-PRC (<i>QM Control in Procurement</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Related Information

[Quality Info Record](#)

5.2 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 78\]](#).

6 Manufacturing for Production Engineering and Operations

6.1 Cross-Area Features

6.1.1 Customizing Activities and Business Add-Ins for PEO

This topic provides an overview of new or changed Customizing activities and Business Add-Ins (BAIs) in Customizing for *Production* under *Manufacturing for Production Engineering and Operations*.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PP-PEO (<i>Manufacturing Engineering Cockpit</i>)
Valid as Of	SAP S/4HANA 2021 SPS02

Additional Details

Customizing Path	Customizing Activity/BAI	Description
▶ Production > Manufacturing for Production Engineering and Operations > Production Engineering > Routings > General Data >	<i>Define Version Control</i>	A new setting, <i>OpNo.Fixed</i> (operation numbers fixed) is available for reference templates of the type reference operation or reference operation set. If selected, the checkbox specifies that the operation numbers of a reference operation or a reference operation set are fixed and cannot be changed locally when the template is inserted into a shop floor routing.

6.2 Extended Production Engineering

6.2.1 Migration of Classic Routings

To use your existing classic routings in SAP S/4HANA Manufacturing for production engineering and operations (PEO), you can perform a one-time migration to convert your classic routings into version-controlled routings (shop floor routings) using the two reports `MPE_MIGRATE_CLSRING_TO_SFRTGS` (Migration of Classic Routings to Version-Controlled Routings) and `RMPE_MIGRATE_UNITIZED_ROUTING` (Migration of Classic Routings to Unitized Version-Controlled Routings). Both these reports have been enhanced to include the migration of existing classification information for operations in the classic routings to the new shop floor routings.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PP-PEO-SFR (<i>Shop Floor Routing</i>)
Valid as Of	SAP S/4HANA 2021 SPS02

6.2.2 Manage Templates - For Shop Floor Routings

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

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PP-PEO-SFR (<i>Shop Floor Routing</i>)

Additional Details

Using the new, changed, and enhanced features available in the Manage Templates app, you can:

- Specify whether the component assembly sequence is relevant for production by selecting the [Assembly Sequence](#) checkbox on the [General](#) tab for the operation activity in the details workspace. Note that this setting cannot be changed locally once the template has been inserted into a routing. For more information, refer to the system documentation (F1 Help).
- Use the new option to make local changes to the work center for reference operation sets and reference operations once they have been inserted into shop floor routings, rework routings, and order-specific shop floor routings. A locally changed work center is then not overwritten when upgrading to a new version. For more information, see [Template Categories and Template Types](#).
- Define that no local changes can be made to operation numbers for reference operations and reference operation sets after they have been inserted into shop floor routings, rework routings, or order-specific shop floor routings. You can specify a default setting in the version profile which is automatically set when you create a reference operation set or a reference operation. For more information, see [How to Create Reference Templates](#).
- View the [Action Handlers](#) tab for operation activities in the details workspace. The system displays the action handlers predefined at plant level. You can also define further action handlers which have the source, [Template](#).

i Note

No local changes are allowed in the [Action Handlers](#) tab once the reference template has been inserted into a routing.

For more information, see [Template Categories and Template Types](#).

Effects on Customizing

► [Production](#) ► [Manufacturing for Production Engineering and Operations](#) ► [Production Engineering](#) ► [Routings](#)
► [General Data](#) ► [Define Version Profile](#) ►

You can now define that the operation numbers for reference operation sets and reference operations cannot be changed locally once inserted into a shop floor routing, rework routing, or order-specific shop floor routing.

6.2.3 Manage Planning Routings

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

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PP-PEO-SFR (<i>Shop Floor Routing</i>)
Valid as Of	SAP S/4HANA 2021 SPS02

Additional Details

Using the new, changed, and enhanced features available in the Manage Planning Routings app, you can:

- Classify your operations in planning routings. This means that, if you perform production engineering and production execution in SAP S/4HANA Manufacturing for production engineering and operations (PEO) and production planning in SAP Advanced Planning and Optimization (SAP APO), the system uses this classification information to generate alternative modes in the production data structure (PDS) during the integration with SAP APO.

For more information, see [How to Classify Operations](#).

6.2.4 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 (<i>Shop Floor Routing</i>)
Valid as Of	SAP S/4HANA 2021 SPS02

Additional Details

Using the new, changed, and enhanced features available in the Manage Shop Floor Routings app, you can:

- Classify your operations in shop floor routings. This means that, if you perform production engineering and production execution in SAP S/4HANA Manufacturing for production engineering and operations (PEO) and production planning in SAP Advanced Planning and Optimization (SAP APO), the system uses this classification information to generate alternative modes in the production data structure (PDS) during the integration with SAP APO.

For more information, see [How to Classify Operations](#).

6.2.5 Manage Order-Specific Shop Floor Routings

With this feature you can specify a new BOM item number when adding a new component to the component list in the component list workspace instead of accepting the next available one which is automatically entered by the system.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PP-PEO-SFR (<i>Shop Floor Routing</i>)
Valid as Of	SAP S/4HANA 2021 SPS02

Related Information

[How to Add New Components to the Component List](#)

6.3 Extended Production Operations

6.3.1 Production Monitoring

6.3.1.1 As-Built Report

This app enables you to generate an as-built report for serialized products to get a top-down view of which materials (planned and unplanned) have been consumed in an assembly and in any subassemblies. The app now enables you to export the as-built information to Microsoft Excel and further process the data in a spreadsheet.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PP-PEO-SFA (<i>Shop Floor Analytics</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Related Information

[As-Built Report](#)

7 R&D/Engineering

7.1 Enterprise Portfolio and Project Management

7.1.1 Project System

7.1.1.1 Project Financials Control

7.1.1.1.1 Project Cost Report

With this feature, the following filters are being hidden in the *Project Cost Report* and *Project Cost Report - Line Items* apps respectively:

- [Include Orders](#)
- [Include Orders](#) and [Order](#)



These filters are being hidden since they are relevant for use only in SAP S/4HANA Cloud and not in SAP S/4HANA.

Technical Details

Type	Mandatory task after upgrade
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PS-FIO (Fiori UI for Project System)
Valid as Of	SAP S/4HANA 2021 FPS02

Effects on System Administration

Implement the following SAP Notes:

- [3193577](#) 
- [3193578](#) 

Related Information

[Project Cost Report](#)

7.1.1.2 OData API

7.1.1.2.1 OData API: Project Claim

As of SAP S/4HANA 2021 FPS02, you can read master data of Project Claim, using synchronous Inbound service.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PS-CLM (Claim Management)
Valid as Of	SAP S/4HANA 2021 FPS02

Related Information

[Project Claim](#)
[Claim Management](#)

7.1.1.2.2 OData API: Project

As of SAP S/4HANA 2021 FPS02, Project Definition is renamed to Project having the same functionalities.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PS-ST (<i>Structure</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Related Information

[Project](#)

7.1.1.3 WBS Element Events

7.1.1.3.1 WBS Element Events

As of SAP S/4HANA 2021 FPS02, *WBS Element* triggers the following events:

- WBS_Element_Created
- WBS_Element_Changed
- WBS_Element_Deleted
- WBS_Element_Pos_Changed
- WBS_Element_Sts_Changed

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PS-ST-INT (<i>Interface to External Project Software</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Related Information

[WBS Element Events](#)

7.1.1.4 BAdI for Field Control of Extensibility Fields

7.1.1.4.1 BAdI for Field Control of Extensibility Fields

As of SAP S/4HANA 2021 FPS02, you can use BAdI for Field Control of Extensibility Fields to provide field control of extensibility fields in Project Systems.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PS-ST (<i>Structure</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

The mandatory extensible fields are validated only when you access the *Custom fields* tab. If you save the project without clicking the *Custom fields* tab, the fields in the tab and its sub-screen are not checked.

Related Information

[Extensibility](#)

7.1.1.5 Multi-language Support for Short Text

7.1.1.5.1 Enhanced Multilanguage Support for Short Text

As of SAP S/4HANA 2021 FPS02, you can use the following features:

- Multilanguage support for short text is disassociated from the Business Function *OPS-PS-CI-1*
- Archive multilanguage short texts
- View multilanguage short text in the following Fiori app:
 - Project Definition Overview and the Details page
 - WBS Element Overview and the Details page
 - Network Overview and the Details page
 - Network Activity Overview and the Details page
 - Milestone Overview and the Details page
 - Change WBS Element Status
 - Change Network Activity Status
 - Confirm Network Activity
 - Confirm Project Milestone
 - Project Text
 - Project Schedule
 - Project Network Graph

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PS-ST (<i>Structure</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Related Information

[Multilanguage Support for Short and Long Texts](#)

7.1.2 Commercial Project Management

7.1.2.1 Project Cost and Revenue Planning

7.1.2.1.1 New Application for Financial Planning

With this feature, you can now use a Web Dynpro application to perform financial planning at a fiscal period breakdown, for structure elements in a commercial project. This application displays an overview of the financial plan, a summary of resource types planned in each structure element, and an area to manage the financial plan.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	CA-CPD-FP (<i>Project Financials for Commercial Projects (SAP S/4HANA)</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Effects on Existing Data

You can use this application to plan existing financial plans that use fiscal periods.

8 Sales

8.1 Order and Contract Management

8.1.1 Sales Billing

8.1.1.1 Subscription Management with Sales Billing

With this feature, you can integrate SAP Subscription Billing with SAP S/4HANA Sales to facilitate the billing of subscriptions and trigger subsequent financial processes.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	SD-BIL (<i>Billing</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

SAP Subscription Billing is an application on SAP Business Technology Platform that requires a separate license. You can use it to manage the entire subscription life cycle. It provides pre-billing data based on subscription data, corresponding rate plan information, and real usage data in pay-per-use models.

Upstream systems (for example, SAP Commerce Cloud) can create subscriptions in SAP Subscription Billing by calling a dedicated REST API. SAP Subscription Billing can then collect usage records and perform an automated rating of usage, recurring, and one-time charges before passing the resulting data to SAP S/4HANA using a dedicated SOAP API. In SAP S/4HANA, the received subscription billing data is persisted in the form of subscription billing document requests (billing document request type SBDR).

Billing clerks can process these subscription billing document requests to create customer invoices that bill customers for the subscriptions they have purchased.

For more information about this integration and a comprehensive step-by-step guide to setting it up, see [Subscription Management with Sales Billing - SAP S/4HANA 2021 FPS01 and Above](#) in the application help of SAP Subscription Billing.

Effects on Customizing

For information about required Customizing, see [Configuration in SAP S/4HANA](#) in the Installation Guide for SAP Subscription Billing.

Related Information

[Subscription Management with Sales Billing](#)

8.2 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 78\]](#).

9 Service

9.1 Service Master Data & Agreement Management

9.1.1 Service Contract Management

9.1.1.1 SEPA Mandate in Service Contracts

With this feature, you can assign SEPA mandates in service contracts. The system forwards the SEPA mandate that you have assigned to the service contract to the follow-on billing document.


Technical Details

Type	New
Functional Localization	Localized for SEPA area
Scope Item	426 (Service Contract Management)
Application Component	CRM-S4-SRV-CTR (<i>Service Contract and Quotation</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

To be able to assign a SEPA mandate, the service transaction being processed must be SEPA-relevant. The system uses the payment method, which you have entered manually at header level or item level, to determine whether the transaction is SEPA-relevant. The system can also determine the payment method automatically from the terms of payment defined in the customer master data. If this is the case, the terms of payment must be connected to a SEPA-relevant payment method.

The transaction currency is Euro (ISO code).

For more information about the SEPA area, see [Single Euro Payments Area \(SEPA\)](#) .

Effects on Customizing

To use this feature, you must assign incompleteness group `SEPA` to relevant service transaction types and item categories in Customizing for Service under [Service > Transactions > Basic Settings > Incompleteness Check > Define Incompleteness Procedures](#).

For more Customizing settings for SEPA mandate, see the *Prerequisites* section in [Sales Documents with SEPA Mandate](#).

Related Information

[Service Transactions with SEPA Mandate](#)

9.1.2 Service Monitoring and Analytics

9.1.2.1 Service Contracts - Flexible Analysis

With this app, you can use a flexible combination of dimensions to analyze service contracts including their billing plan and invoice details.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	43B (Service Monitoring and Analytics)
Application Component	CRM-S4-ANA-BI (<i>S4CRM: Business Intelligence</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

You can use this app to do the following:

- Analyze service contract-related key performance indicators in multi-dimensional reports using different measures such as billing value of settlement period

- Filter the items according to various criteria, such as sold-to party, sales organization, and so on
- Sort and display the report data as a table or a chart
- Export the report as an Excel or a PDF
- Navigate to [Expiring Service Contracts Analysis](#) and [Manage Service Contracts](#) to further analyze the selected service contract data

Related Information

[Service Contracts - Flexible Analysis](#)

9.1.2.2 Service Orders - Flexible Analysis

With this app, you can use a flexible combination of dimensions to analyze service orders, including the service order items that have service contract items assigned.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	43B (Service Monitoring and Analytics)
Application Component	CRM-S4-ANA-BI (S4CRM: Business Intelligence)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

You can use this app to do the following:

- Analyze service order-related key performance indicators in multi-dimensional reports using different measures such as number, net value, and billed value of contract-based and non-contract service order items
- Filter the items according to various criteria, such as sold-to party, equipment category, and so on
- Sort and display the report data as a table or a chart
- Export the report as an Excel or a PDF
- Navigate to the following apps to further analyze the selected service order data:
 - [Manage Service Orders](#)

- [Overdue Service Orders Analysis](#)
- [Service Management Overview](#)
- [Service Orders Analysis](#)
- [Service Orders - Actuals](#)

Related Information

[Service Orders - Flexible Analysis](#)

9.2 Service Operations & Processes

9.2.1 Service Order Management

9.2.1.1 SOAP APIs for Service Order

With this feature, the field `ServiceOrderItemIsReleased` has been added to the SOAP APIs for service order.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	CRM-S4-SRV-SVO (S4CRM: Service Order)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

You can use the field `ServiceOrderItemIsReleased` to indicate whether the service order item has the status [Released](#). This field has been added at item level to the following services:

- Service Order - Create, Change (Asynchronous) (`ServiceOrderRequest_In`)
- Service Order - Confirm Processing (Asynchronous) (`ServiceOrderConfirmation_Out`)

- Service Order - Notification Processing (Asynchronous) (ServiceOrderNotification_Out)
- Service Order (Bulk) - Create, Change (Asynchronous) (ServiceOrderBulkRequest_In)
- Service Order (Bulk) - Confirm Processing (Asynchronous) (ServiceOrderBulkConfirmation_Out)

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

Related Information

- [Service Order - Create, Change \(Asynchronous\)](#)
- [Service Order - Confirm Processing \(Asynchronous\)](#)
- [Service Order - Notification Processing \(Asynchronous\)](#)
- [Service Order \(Bulk\) - Create, Change \(Asynchronous\)](#)
- [Service Order \(Bulk\) - Confirm Processing \(Asynchronous\)](#)

9.2.1.2 SEPA Mandate in Service Orders and Service Confirmations

With this feature, you can assign SEPA mandates in service orders and service confirmations.

Technical Details

Type	New
Functional Localization	Localized for SEPA area
Scope Item	41Z (Service Order Management)
Application Component	CRM-S4-SRV (<i>Service Management</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

The SEPA mandate is transferred to the billing document requests (BDRs) for billable service transaction items.

To be able to assign a SEPA mandate, the service transaction being processed must be SEPA-relevant. The system uses the payment method, which you have entered manually at header level or item level, to determine

whether the transaction is SEPA-relevant. The system can also determine the payment method automatically from the terms of payment defined in the customer master data. If this is the case, the terms of payment must be connected to a SEPA-relevant payment method.

The transaction currency is Euro (ISO code).

For more information about the SEPA area, see [Single Euro Payments Area \(SEPA\)](#) .

Effects on Customizing

To use this feature, you must assign incompleteness group `SEPA` to relevant service transaction types and item categories in Customizing for Service under [Service](#) > [Transactions](#) > [Basic Settings](#) > [Incompleteness Check](#) > [Define Incompleteness Procedures](#) .

For more Customizing settings for SEPA mandate, see the *Prerequisites* section in [Sales Documents with SEPA Mandate](#).

Related Information

[Service Transactions with SEPA Mandate](#)

9.2.1.3 OData API: Service Order Template

Batch requests are now supported for the OData API Service Order Template.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	CRM-S4-SRV-SVT (S4CRM - Service Order Template)
Valid as Of	SAP S/4HANA 2021 SPS02

Related Information

[Service Order Template](#)

9.2.1.4 OData API: Service Confirmation (A2X)

Batch requests are now supported for the OData API Service Confirmation (A2X).

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	CRM-S4-SRV-SCO (<i>S4CRM - Service Confirmation</i>)
Valid as Of	SAP S/4HANA 2021 SPS02

Related Information

[Service Confirmation \(A2X\)](#)

9.3 Cross Topics

9.3.1 Read Access Logging for Service Transactions

This feature enables you to log read access to data that is related to the SEPA mandate that is assigned to the payer in service transactions.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	CRM-S4-SRV (<i>Service Management</i>)
Valid as Of	SAP S/4HANA 2021 SPS02

Additional Details

For information about the related configuration, see the Security Guide for *SAP S/4HANA 2021 SPS02*, which you can access from the SAP S/4HANA product page under [▶ Implement ▶ Guides ▶](#). Navigate to [▶ SAP S/4HANA Enterprise Business Applications ▶ Service ▶ Read Access Logging ▶](#).

Related Information

[SEPA Mandate in Service Orders and Service Confirmations \[page 49\]](#)

10 Sourcing and Procurement

10.1 Operational Procurement

10.1.1 Self-Service Requisitioning

10.1.1.1 My Purchase Requisitions

With this app, you can view the approval details that indicate if an item has been sent for central approval to the hub system in the case of [Central Purchasing](#).

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 2021 FPS02

Additional Details

In the case of [Central Purchasing](#), if a purchase requisition item is relevant for central approval in the hub system, the workflow configured in the connected system is not considered. In such cases, the [Approval Details](#) section indicates that the item has been sent to the central system for approval. If the item is not relevant for central approval, the workflow configured in the connected system is considered, and the workflow steps are shown in the approval details.

Related Information

[My Purchase Requisitions](#)

10.1.2 Requirements Processing

10.1.2.1 Manage Purchase Requisitions - Professional

With this app, you can now do the following:

- View [Approval Details](#) that indicate if an item has been sent for central approval to the hub system in the case of [Central Purchasing](#).
- A [trade compliance](#) check is triggered while saving an item by choosing [Save](#).

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	18J (Requisitioning), O8J (Requisitioning), BMD (Purchase Contract), OMD (Purchase Contract)
Application Component	MM-PUR-REQ (Purchase Requisitions)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

- [Approval Details](#): In the case of Central Purchasing, if an item is relevant for central approval in the hub system, the workflow configured in the connected system is not considered. In such cases, the [Approval Details](#) section indicates that the item has been sent to the central system for approval. If the item is not relevant for central approval, the workflow configured in the connected system is considered, and the workflow steps are shown in the approval details.
- [Trade Compliance](#): A trade compliance check is triggered on saving an item by choosing [Save](#). If the trade compliance check returns an error, then a purchase requisition item is created in a blocked state. In this case, the workflow can be initiated but no follow-on document can be created. The error also triggers the generation of a Trade Compliance document with reference to the purchase requisition item. The trade compliance officer can view and work on the compliance document. Once the trade compliance issues are resolved by the compliance officer, the item is saved and if there are no further issues in trade compliance, then the item is unblocked so that all follow-on processes continue as usual.

i Note

Trade compliance checks are not triggered for items of origin [Self-Service Procurement \(S\)](#).

Related Information

[Manage Purchase Requisitions - Professional](#)

10.2.1 Central Purchasing

10.2.2 Central Approval of Purchase Requisitions from Connected Systems

With this feature, you can now enable the central approval of purchase requisitions from the SAP S/4HANA Cloud connected systems.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	2XT (Central Purchasing)
Application Component	MM-PUR-HUB-PR (<i>Central Purchasing</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Related Information

[Central Purchasing](#)

10.3 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 78\]](#).

11 Supply Chain

11.1 Warehouse Management

11.1.1 Handling Unit Hierarchy in Stock Consolidation

With this feature, you can see the handling unit hierarchy for packed stock items in a consolidation proposal. You can manually change the source handling unit for a proposed warehouse task for consolidation, either by entering a new source handling unit or by using the input help. The new source handling unit must be on the same bin as the original but can be on a different level in the hierarchy of the original source handling unit.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	SCM-EWM-WOP (<i>Work Order Processing</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

The following additional fields are available in the list of proposed warehouse tasks:

- *Higher-Level Handling Unit*
- *Highest-Level Handling Unit*
- *Available Qty on Destination Bin in Base Unit of Measure*

In addition, an entry is written in the application log when manual changes are made, such as changing the source handling unit.

Related Information

[Consolidation to Reach Full Quantities](#)

11.2 Delivery and Transportation

11.2.1 Transportation Management

11.2.1.1 Multiple Addresses and Address Validity for Business Partners

A business partner can have multiple standard addresses and multiple delivery addresses. One standard address is valid at any one time. In Transportation Management (TM), one business partner can now have multiple locations. For every relevant address of a business partner, you can now create a respective location. The address number of the location is the same as the address number of the business partner.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	TM-MD-BP (<i>Business Partner</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

When TM receives a sales document or outbound delivery, it receives address data which it uses to determine the correct location, taking into account the validity dates of the address.

Effects on Existing Data

The conversion report `/SAPAPO/FILL_LOCASGMT` is available. This report assigns business partners, plants, shipping points, and MRP areas to locations. SAP recommends running this report after upgrading to SAP S/4HANA 2021 FPS02, in order to create entries in the new database table `/SAPAPO/LOCASGMT` based on entries in the existing database table `/SAPAPO/LOCMAP`. For more information, see SAP Note [3166861](#).

Effects on System Administration

In the report `/SAPAPO/CREATE_LOCATION`, you can now choose whether the system creates locations only for the standard addresses of the entity, or for both the standard addresses and delivery addresses.

The *Define Location* (`/SCMTMS/LOC3`) app now displays information about the reference object of the location, for example, the business partner. Furthermore, if you are using the app to search for an existing location and you enter a business partner that has multiple addresses, a popup appears where you can choose the address for which you want to display the location.

Related Information

[Definition of Locations](#)

[Creating Locations](#)

[Updating Locations Using a Report](#)

11.2.1.2 Enhancements for Planning

With this feature, planning has been enhanced with new functions.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	TM-PLN-SCH (<i>Scheduling</i>), SCM-BAS-PAK-UPB (<i>Unified Package Building</i>), TM-MD-TN-LOC (<i>Location</i>); TM-PLN-TC (<i>Transportation Cockpit</i>); TM-PLN-PS (<i>Profiles and Settings</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

- Unified package building now also takes into account the stacking factor defined in packing instructions. For more information, see SAP Note [3076865](#). This feature is also available in SAP S/4HANA 2020 SP04.

- Scheduling now also takes into account the fixed departure time of a freight order stage. You can fix the departure of a stage using the *Departure Fixed* field on the freight order user interface. Further, execution-based scheduling is now supported. For more information, see [Scheduling](#). This feature is also available in SAP S/4HANA 2020 SP04.
- The standard integration with SAP HANA spatial services can now populate the *Precision* field in the location master data with the geocoding precision provided by SAP HANA spatial services. Further, the value help of the *Precision* field now contains a new value *County*. For more information, see SAP Note [2751622](#) (Setup Guide for SAP HANA Spatial Services in SCE Applications). This feature is also available in SAP S/4HANA 2020 SP04.
- In the selection criteria of the transportation cockpit, the *Load Plan Status (Packaging)* has been added as a new selection criterion for transportation units. This new selection criterion is also available in the additional selection settings of the selection profile. This feature is also available in SAP S/4HANA 2020 SP04.

Effects on Existing Data

In the constraints and costs settings of the planning profile, the section *Freight Unit Costs* has been renamed *Requirement Document Costs*.

11.2.1.3 Canceling a Freight Order for Multi-Pickup/Multi-Drop (Integration Based on EWM-TUs)

This feature enables you to cancel road freight orders that use multiple warehouses, also known as multi-pickup and multi-drop scenario. The feature is part of the inbound and outbound processes in the integration of Transportation Management (TM) with Extended Warehouse Management (EWM) based on EWM transportation units (TUs).

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	TM-INT-EWM (<i>TU-Based Integration with EWM</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

You can cancel a freight order if it is not yet in execution.

You cannot cancel a freight order if a truck (an EWM transportation unit) has already arrived at the gate of one of the multiple warehouses, and the handling execution status at the stop level has been changed to `Arrived`. In some cases, you can reverse the arrival of the truck, and then cancel the freight order.

The freight order in TM can only be canceled if the cancellation has been confirmed by EWM and reported to TM.

For information about the supported functions and the restrictions for this feature, see SAP Note [3158252](#).

Related Information

[Multi-Pickup, Multi-Drop
Integration Based on EWM Transportation Units](#)

11.2.1.4 Enhancements for Advanced Shipping and Receiving

With this feature, in an inbound Extended Warehouse Management (EWM) integration scenario, you can track the assignment of the freight units from an inbound delivery from Logistics Execution (LE) to the warehouse inbound delivery from EWM. This assignment happens after you set the *Ready for Warehouse Processing* status for the freight units of an inbound delivery from LE or for the inbound delivery itself.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	TM-INT (<i>Integration</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Effects on Existing Data

In an inbound EWM integration scenario, the field *Progress of Delivery Sync with EWM* is now available on the *Unloading Details* tab of a warehouse unloading stop in the *Overview* section of the road freight order. It is

visible only after you set the *Ready for Warehouse Processing* status for the freight units of an inbound delivery from LE or for the inbound delivery itself. The field shows you the progress of the assignment of the freight units from an inbound delivery from LE to the warehouse inbound delivery from EWM and shows you how many freight units have not yet been assigned.

Related Information

[Statuses in the Inbound Process](#)

11.3 Define Table Structure in Release for Delivery

With this feature, you can change the table format used to display your requirements for interactive processing in the Release for Delivery (F1786) app.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1JW (Advanced Available-to-Promise Processing)
Application Component	CA-ATP-IRP (<i>ATP: Interactive Requirement Processing</i>)
Valid as Of	SAP S/4HANA 2020 FPS02

Additional Details

On the *View Settings* dialog, use the *Table Type* selection options on the *Define Table Structure* tab to personalize the table format used to display your requirements. You can choose between the default setting, *Responsive*, and *Grid*.

Related Information

[Release for Delivery](#)

11.4 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 78\]](#).

12 Integration

12.1 Business Network Integration

12.1.1 Integration with SAP Ariba Applications

12.1.1.1 Guided Buying Capability in SAP Ariba Buying (2NV)

The *Guided Buying Capability with SAP Ariba Buying (2NV)* now enables you to do the following:

- Receive requests that have been denied in guided buying and delete the corresponding purchase requisitions in SAP S/4HANA.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	2NV (Guided Buying Capability with SAP Ariba Buying)
Application Component	BNS-INT-ARI (<i>Ariba Integration with S/4HANA</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

For more information on new or changed features, see [What's new in SAP Ariba](#).

1. Enter the feature ID in the *Search* field at the top of the *SAP Ariba new features* table to find a feature.
2. Click *See More* in the *Description* of the feature to access detailed documentation.

Feature ID	Feature Title
GB-18335	Disable editing of rejected requests and send rejection status to SAP S/4HANA or SAP S/4HANA Cloud in the 2NV and 3EN integration scenarios

Related Information

[Guided Buying Capability with SAP Ariba Buying \(2NV\)](#)

[Setting Up Guided Buying Capability with SAP Ariba Buying \(2NV\)](#) 

12.1.1.2 Guided Buying in Central Procurement with SAP Ariba Buying (3EN)

The *Guided Buying for Central Procurement with SAP Ariba Buying (3EN)* now enables you to do the following:

- Receive requests that have been denied in guided buying and delete the corresponding purchase requisitions in SAP S/4HANA.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	3EN (Guided Buying for Central Procurement with SAP Ariba Buying)
Application Component	BNS-INT-ARI (<i>Ariba Integration with S/4HANA</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

For more information on new or changed features, see [What's new in SAP Ariba](#).

1. Enter the feature ID in the *Search* field at the top of the *SAP Ariba new features* table to find a feature.
2. Click *See More* in the *Description* of the feature to access detailed documentation.

Feature ID	Feature Title
GB-18335	Disable editing of rejected requests and send rejection status to SAP S/4HANA or SAP S/4HANA Cloud in the 2NV and 3EN integration scenarios

Related Information

[Guided Buying for Central Procurement with SAP Ariba Buying \(3EN\)](#)

[Setting Up Guided Buying for Central Procurement with SAP Ariba Buying \(3EN\)](#) 

12.2 Integration with Industry Cloud Solutions from SAP

12.2.1 Integration with Industry Cloud Solutions from SAP

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

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	LO-INT-CIC
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

The following business object types along with their corresponding outbound implementations enable you to replicate the respective business object data from SAP S/4HANA to industry cloud solutions:

Business Object Type	Corresponding Outbound Implementation	Entity Name in Underlying Data Model	Data Model Version
DRF_0090	CIC_PROD (<i>Product</i>)	Product	1.0.0
DRF_0091	CIC_CUSTOD (<i>Customer Order</i>)	CustomerOrder	2.0.0
DRF_0085	CIC_PLANT (<i>Plant</i>)	Plant	1.0.0

Business Object Type	Corresponding Outbound Implementation	Entity Name in Underlying Data Model	Data Model Version
DRF_0087	CIC_MCH (<i>Merchandise Category Hierarchy</i>)	MerchandiseCategoryHierarchyNode	1.0.0
DRF_0094	CIC_PRDPLT (<i>Product Plant</i>)	ProductPlant	1.0.0
DRF_0088	CIC_LANGUAGE (<i>Language</i>)	LanguageCodes	1.0.0
DRF_0028	CIC_CURC (<i>Currency</i>)	CurrencyCodes	1.0.0
DRF_0033	CIC_UOM (<i>Unit of Measurement</i>)	UnitOfMeasureCodes	1.0.0
DRF_0024	CIC_COMP (<i>Company Code</i>)	CompanyCode	1.0.0
DRF_0053	CIC_SALES (<i>Sales Area</i>)	SalesArea	1.0.0
979	CIC_PURORG (<i>Purchasing Organization</i>)	PurchasingOrganization	1.0.0
DRF_0095	CIC_HOLIDY (<i>Holiday Code</i>)	HolidayCodes	1.0.0
DRF_0051	CIC_DCHAIN (<i>Distribution Chain</i>)	DistributionChain	1.0.0
DRF_0092	CIC_COUNTR (<i>Country/Region</i>)	CountryCodes	1.0.0
DRF_0093	CIC_COSD (<i>Country/Region Subdivision</i>)	CountrySubdivisionCodes	1.0.0
DRF_0050	CIC_DIV (<i>Division</i>)	DivisionCodes	1.0.0
DRF_0026	CIC_PURGRP (<i>Purchasing Group</i>)	PurchasingGroup	1.0.0
DRF_0049	CIC_DIST (<i>Distribution Channel</i>)	DistributionChannelCodes	1.0.0
980	CIC_SLSORG (<i>Sales Organization</i>)	SalesOrganization	1.0.0
DRF_0100	CIC_LOADGP (<i>Loading Group</i>)	LoadingGroupCodes	1.0.0
DRF_0099	CIC_MRPTYP (<i>MRP Type</i>)	MRPTypeCodes	1.0.0
DRF_0046	CIC_SLOC (<i>Storage Location</i>)	StorageLocation	1.0.0
DRF_0103	CIC_INV_SN (<i>Inventory Snapshot</i>)	InventorySnapshot	1.0.0
DRF_0097	CIC_SOS (<i>Source of Supply</i>)	SourceOfSupply	1.0.0

Related Information

[Integration with Industry Cloud Solutions from SAP](#)

12.3 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 78\]](#).

13 Cross Components

13.1 Business Event Logging

With this feature you can capture and log business events locally within the SAP S/4HANA system. This version includes:

- A predefined list of SAP business object types that can be monitored
- A log of business events raised by selected objects, connectivity to ILM, and UI apps to locally monitor the event log including specific field changes
- CDS Views to enable the external consumption of event logs

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	CA-GTF-BEL (<i>Business Event Logging</i>)
Valid as Of	SAP S/4HANA 2021 SPS02

Related Information

[Business Event Logging](#)

13.2 Business User Management

13.2.1 Maintain Employees

The *Maintain Employees* (F2288) app is deprecated and will be removed from SAP Fiori launchpad with SAP S/4HANA 2022. We recommend that you switch to the successor app *Maintain Employees* (F2288A) as soon as possible.

Technical Details

Type	Deprecated
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	CA-GTF-BUM (<i>Business User Management</i>)
Valid as of	SAP S/4HANA 2021 02

Related Information

[Maintain Employees \(F2288A\)](#)

13.3 Business Partner, Customer, Supplier

13.3.1 Manage Migrations - Business Partner Multiple Addresses

With this new app, you can consolidate the data of multiple customer master records that represent the same legal entity into a single record, known as the Golden Record. This is a prerequisite for making use of multiple address handling in SD documents.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	LO-MD-BP (<i>Business Partner</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

When the business function *Multiple Address Handling for Customer Master Data in SAP Business Partner* (BPCUSTOMER_MULTIPLE_ADDRESSES) is active, you can use the *Manage Migrations - Business Partner Multiple Addresses* app to consolidate the data of all customer records that belong to the same legal entity into a single Golden Record (that is, a single business partner record representing the leading legal entity). As part of this consolidation, the attributes that were previously specific to a particular customer master record are merged into the respective address-dependent entities of the Golden Record.

The app identifies the Golden Record based on the information fetched from the *Relationship Category*. All the address-dependent and address-independent attributes under every customer master record are also appended to the respective entities of the Golden Record.

Effects on Existing Data

After consolidation, the non-golden records can be deactivated based on your business requirements. This is an optional step, however, SAP recommends that you deactivate these records to prevent redundancy.

To deactivate records, use the *Mass Maintenance* app and flag the non-golden records for deletion by setting the indicator *Mark for Deletion* (customer master).

Related Information

[Consolidating Customer Master Data for Multiple Address Handling in SD Documents](#)

13.4 Responsibility Management

13.4.1 Manage Team Categories

With this feature you can now create your team categories with Responsibility Management. Use the *Manage Team Categories* application to create your own custom team categories. You can also view the standard team categories delivered by SAP.

Technical Details

Type

New

Functional Localization	Not applicable
Scope Item	1NJ (Responsibility Management)
Application Component	CA-GTF-RM (<i>Responsibility Management</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

13.5 Situation Handling

13.5.1 Renamed App: My Situations - Message-Based

With this feature the *My Situations - Message Based* has been renamed to *My Situations - Extended* as it can now also display object-based situations based on the extended framework of Situation Handling. The handling and the features of the app remain unchanged.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	31N (Situation Handling)
Application Component	CA-SIT (<i>Situation Handling</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Related Information

[My Situations - Extended](#)
[Situation Handling - Extended Framework](#)

13.5.2 Custom Situations for Situation Handling

With this feature you can create your own custom business situations with the extended Situation Handling framework. The scope of business situations that you can handle is no longer restricted to predelivered standard situations. You can use these new apps to configure your custom situations:

- [Manage Situation Objects \[page 72\]](#)
- [Manage Situation Scenarios \[page 73\]](#)
- [Manage Situation Types - Extended \[page 74\]](#)

This feature also provides a demo app with demo artefacts for testing the extended framework and its features, [Situation Handling Demo \[page 75\]](#).

With the [Manage Situation Types - Extended \[page 74\]](#) app, end users can display all unresolved situations for which they are responsible in the extended framework. On the situation page, detailed information and proposed actions help them solve their situations as quickly and efficiently as possible.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	31N (Situation Handling)
Application Component	CA-SIT (<i>Situation Handling</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Related Information

[Situation Handling - Extended Framework](#)

13.5.3 Manage Situation Objects

With this feature you can use the [Manage Situation Objects](#) app to model business objects that can be used in the extended Situation Handling framework for custom situations.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	31N (Situation Handling)
Application Component	CA-SIT (<i>Situation Handling</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

This app is intended for administrators.

Effects on System Administration

To access the *Manage Situation Objects* app, the *Extensibility - Situation Handling* business catalog (SAP_CA_BC_SITN_EXT) needs to be assigned to your business user. The business catalog was added to the *Administrator* business role template (SAP_BR_ADMINISTRATOR) with SAP S/4HANA 2021 FPS02.

Related Information

[Manage Situation Objects](#)
[Situation Handling - Extended Framework](#)

13.5.4 Manage Situation Scenarios

With this feature you can use the *Manage Situation Scenarios* app to create situation scenarios which are the technical basis for custom situation templates.

Technical Details

Type	New
------	-----

Functional Localization	Not applicable
Scope Item	31N (Situation Handling)
Application Component	CA-SIT (<i>Situation Handling</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

This app is intended for administrators.

Effects on System Administration

To access the *Manage Situation Scenarios* app, the *Extensibility - Situation Handling* business catalog (SAP_CA_BC_SITN_EXT) needs to be assigned to your business user. The business catalog was added to the *Administrator* business role template (SAP_BR_ADMINISTRATOR) with SAP S/4HANA 2021 FPS02.

Related Information

[Situation Handling - Extended Framework](#)

13.5.5 Manage Situation Types - Extended

With this feature you can use the *Manage Situation Types - Extended* app to create custom situation templates and situation types for object-based situations, based on the extended Situation Handling framework.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	31N (Situation Handling)

Application Component	CA-SIT (<i>Situation Handling</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

This app is intended for key users.

Related Information

[Situation Handling - Extended Framework](#)

13.5.6 Situation Handling Demo

With this feature you can use the *Situation Handling Demo* app to test the extended framework of Situation Handling, based on a fictional booking portal scenario. With the demo app, three pre-defined situation demo templates are available.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	31N (Situation Handling)
Application Component	CA-SIT (<i>Situation Handling</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

This app is intended for key users.

Related Information

[Situation Handling Demo](#)

[Situation Handling - Extended Framework](#)

13.6 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 78\]](#).

14 Classification System: Small Enhancements as Part of Customer Connection Project 2021

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

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	CA-CL (<i>Classification</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Improvement Details

Application Component	Improvement Description	Software Component	Product Features		
			are (New/Changed)	Improvement Request ID	SAP Note
CA-CL (<i>Classification</i>)	Use Multiple or Ranges of Classes in Transaction <i>CLHI</i>	SAP_ABA 75G	New	257623	3080080
CA-CL (<i>Classification</i>)	Reuse of Characteristic Values	SAP_ABA 75G	New	259211	3048471

These improvements are valid for all countries.

More Information

For more information about Customer Influence, see <https://influence.sap.com>

15 Country/Region Specifics

15.1 Brazil

15.1.1 Finance

15.1.1.1 Defining PIX Keys for a Bank Account in Incoming PIX Payments

With this feature, you can define PIX keys and assign them to a house bank account for incoming payments, marking one PIX key as the leading key.

Technical Details

Type	Changed
Functional Localization	Localized for Brazil
Scope Item	Not applicable
Application Component	FI-AP-AP-B1 (<i>Payment transfer (w/o DE/US)</i>) FI-LOC-FI-BR-PMT (<i>Payments Brazil</i>)
Valid as Of	SAP S/4HANA 2021 FPS02 SAP S/4HANA 2020 SPS04 SAP S/4HANA 1909 SPS06 SAP S/4HANA 1809 SPS08 SAP S/4HANA 1709 SPS10

Additional Details

When you send payment information to the bank, you define which PIX key is used to generate the QR code and where the payment shall be sent. When you receive the bank statement the PIX key identifies the house bank that the system uses for processing the bank statement.

You can define PIX keys with a validity period that you want the system to use during payment file processing. You can assign more than one PIX key to the same house bank and account ID, but you can choose only one PIX key as the leading key in a certain validity period. The system uses the leading PIX key during the payment file creation (in format BR_FEBRABAN_750).

Effects on Customizing

You can define the PIX keys for bank accounts for incoming payments in Customizing for *Financial Accounting* under [▶ Bank Accounting](#) [▶ Bank Accounts](#) [▶ Country-Specific Functions](#) [▶ Brazil](#) [▶ Define PIX Keys for Bank Account](#) [▶](#).

Related Information

[Processing Incoming PIX Payments](#)

15.1.1.2 Specifying Account Types for Outgoing PIX Payments

With this feature, you can specify how the system can choose the account type in case the business partner does not have a PIX key, or the proper PIX key is not selected for outgoing payments.

Technical Details

Type	Changed
Functional Localization	Localized for Brazil
Scope Item	Not applicable
Application Component	FI-AP-AP-B1 (<i>Payment transfer (w/o DE/US)</i>) FI-LOC-FI-BR-PMT (<i>Payments Brazil</i>)

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

Additional Details

If the business partner does not have a PIX key, or the proper PIX key is not selected, the system must identify the account type in a different way that can then be inserted in segment B in the payment file (in format BR_FEBRABAN_A). You can provide the necessary account type data on the *Payment Transactions* tab by entering 2 additional characters to the bank account separating them with a slash ('/') sign. Any 2 characters which are after the '/' sign are used as account type and are inserted in segment B in the payment file.

Related Information

[Processing Outgoing PIX Payments](#)

15.1.1.3 Cross-Application Components

15.1.1.3.1 Document and Reporting Compliance

15.1.1.3.1.1 Statutory Reporting Report Definition API

This API enables you to read data that is used to generate Brazilian reports with the statutory reporting solution. You can read reports, phases, and activities for the specified report definition with this service.

Technical Details

Type	New
Functional Localization	Localized for Brazil
Scope Item	Not applicable

Application Component	FI-LOC-FI-BR-ACR (<i>Advanced Compliance Reporting</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Related Information

[Statutory Reporting Report Definition](#)
[Operations for Statutory Reporting Report Definition](#)

15.1.1.3.1.2 Statutory Reporting Category Definition API

This API enables you to read data that is used to generate Brazilian reports with the statutory reporting solution. You can read categories, phases, and activities for the specified report definition with this service.

Technical Details

Type	New
Functional Localization	Localized for Brazil
Scope Item	Not applicable
Application Component	FI-LOC-FI-BR-ACR (<i>Advanced Compliance Reporting</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Related Information

[Statutory Reporting Category Definition](#)
[Operations for Statutory Reporting Category Definition](#)

15.2 Chile

15.2.1 Cross-Application Functions

15.2.1.1 Document and Reporting Compliance

15.2.1.1.1 Electronic Withholding Tax Invoices

This feature allows you to submit the electronic withholding DTE to the tax authorities (SII) for approval and then send it to the vendor.

Whenever taxes are withheld on behalf of the vendors, companies are legally required to submit to the tax authorities an electronic invoice stating the tax amount. After the tax authorities have authenticated the invoices, you can submit them to your vendors.

You use eDocuments to create these invoices in a predefined XML format and submit them to the tax authorities and send them to your vendors.

Technical Details

Type	New
Functional Localization	Localized for Chile
Scope Item	Not applicable
Application Component	CA-GTF-CSC-EDO-CL (<i>Document Compliance Chile</i>)
Valid as Of	SAP S/4HANA 2021 FPS02 SAP S/4HANA 2020 SPS04 SAP S/4HANA 1909 SPS07 SAP S/4HANA 1809 SPS09 SAP S/4HANA 1709 SPS11

Additional Details

The following new process has been created for processing withholding tax invoices:

- *Chile Withholding DTE*: Creates and sends Withholding tax invoices to the tax authorities and then to vendor.

Effects on Customizing

You need to carry out the following configuration activities to define the rule for generating and processing withholding tax documents:

- Assign an SII code to combinations of *Withholding Tax Type* and *Withholding Tax Code* in the *Assign SII Code to Withholding Tax Type and Withholding Tax Code* Customizing activity (view EDOCLWHTTAXCODEV).
- You must register the factory class CL_EDOCUMENT_CL_FACTORY for the source type FI_INVOICE in the *Activate Additional eDocument Instance Creation* (EDOFACTORYV) Customizing activity.
- You must apply the settings as mentioned in the SAP Note [3106721](#).

Related Information

[Processing Withholding DTEs](#)

15.2.1.1.2 Daily Summary Boleta Status Update

You use the *Chile Daily Summary Boleta* process in the *eDocument Cockpit* to submit the daily eBoleta summary in XML format to the integration service. You can now request the status of the daily eBoleta summary by choosing *Status* in the *Chile Daily Summary Boleta*.

Technical Details

Type	Changed
Functional Localization	Localized for Chile
Scope Item	N/A
Application Component	CA-GTF-CSC-EDO-CL (<i>Document Compliance Chile</i>)
Valid as Of	SAP S/4HANA 2021 FPS02 SAP S/4HANA 2020 SPS04 SAP S/4HANA 1909 SPS07 SAP S/4HANA 1809 SPS09 SAP S/4HANA 1709 SPS11

Additional Details

This process is supported on implementing the steps provided in the SAP Note [3073893](#). The existing process of submitting the Daily Summary Boleta and receiving the customer response from the tax authority of Chile (SII) manually or through email is still supported.

Related Information

[Processing Daily Summary Boletas](#)

15.2.1.1.3 Enhancements for DTEs to automate Get Status from Customer

This process allows you to send the DTEs to the Chilean tax authority SII (Servicio de Impuestos Internos) for approval and then send them to your customers and get status directly from customer by clicking [Get Status from Customer](#).

i Note

This approach is restricted to the DTEs 33, 34 and 43.

Technical Details

Type	Changed
Functional Localization	Localized for Chile
Scope Item	N/A
Application Component	CA-GTF-CSC-EDO-CL (<i>Document Compliance Chile</i>)
Valid as Of	SAP S/4HANA 2021 FPS02 SAP S/4HANA 2020 SPS04 SAP S/4HANA 1909 SPS07 SAP S/4HANA 1809 SPS09 SAP S/4HANA 1709 SPS11

Additional Details

To get the status of the DTE from your customer, you can use either of the following two approaches:

Approach	Description
Email	When the customers receive a DTE, they send an acknowledgment of receipt and then a response whether they accepted or rejected the DTE.
Webservice	Click <i>Get Status from Customer</i> .

i Note

This approach is restricted to the DTEs 33, 34 and 43.

Related Information

[Processing DTEs](#)

15.3 Colombia

15.3.1 Cross-Application Functions

15.3.1.1 Document and Reporting Compliance

15.3.1.1.1 Integrating an Incoming Automation for Electronic Documents


You can use the business add-in (BAI) *eDocument Incoming Automation* (EDOC_INCOM_CONNECTO) to implement a solution for automating the creation of incoming documents you receive from your business partners.


Technical Details

Type	New
Functional Localization	Localized for Colombia

Scope Item	Not applicable
Application Component	CA-GTF-CSC-EDO-CO (<i>Document Compliance Colombia</i>)
Valid as Of	SAP S/4HANA 2021 SPS02

Effects on Customizing

You implement the BAdI in Customizing for eDocuments under [Cross-Application Components](#) > [General Application Functions](#) > [Document and Reporting Compliance](#) > [Country/Region-Specific Settings](#) > <country/region> > [Electronic Document Processing](#) > [Business Add-Ins](#) > [eDocument Incoming Automation](#) .

To use this BAdI, you must also maintain the Customizing activities [Define Incoming Automation Solution](#) (EDOINCOMSOLDEFV) and [Assign Incoming Automation Solution to Process](#) (EDOINCOMSOLV). You can find them under [Cross-Application Components](#) > [General Application Functions](#) > [Document and Reporting Compliance](#) > [Country/Region-Specific Settings](#) > <country/region> > [Electronic Document Processing](#) .

Related Information

[Integrating Your System with an Incoming Automation Solution](#)
[Defining an Incoming Automation Solution](#)
[Assigning an Incoming Automation Solution to Process](#)

15.4 Egypt

15.4.1 Sourcing and Procurement

15.4.1.1 VAT on Retention Payment to Supplier

In cases where the contract specifies sign-off on completion (e.g. a completion certificate or similar document), VAT at standard rate shall be due on the retention amount at the earliest of the following dates:

- The time the retention payment has been made.
- The work has been signed off as complete.
- The tax invoice has been issued.

The VAT applicable on the retention payment would not be due to be accounted for by the supplier until the time the retention payment is received by the supplier, or an invoice in respect of the retention payment is issued, whichever is earlier.

Technical Details

Type	New
Functional Localization	Localized for Egypt
Scope Item	J45
Application Component	FI-LOC-LO (<i>Localization Logistics</i>)
Valid as Of	SAP S/4HANA 2021 SPS02

Additional Details

If you need to create an incident regarding this feature, use component FI-LOC-LO-EG

Related Information

[VAT on Retention Payment to Supplier](#)

15.5 Kazakhstan

15.5.1 Cross-Application Functions

15.5.1.1 Document and Reporting Compliance

15.5.1.1.1 Generating Financial Statements

With this feature you can generate a Balance Sheet report in a PDF file format and download the report to your local computer.

Technical Details

Type	New
------	-----

Functional Localization	Localized for Kazakhstan
Scope Item	1J2
Application Component	FI-LOC-FI-KZ (<i>Financials Kazakhstan</i>)
Valid as Of	SAP S/4HANA 2020 SPS04 SAP S/4HANA 2021 FPS02

Related Information

[Financial Statements](#)

15.6 Italy

15.6.1 Cross-Application Functions

15.6.1.1 Document and Reporting Compliance

15.6.1.1.1 Contract Accounting Data in Statutory Reporting VAT Declaration

With this feature, the VAT declaration can process journal entries that were created based on FI-CA documents.

Technical Details

Type	New
Functional Localization	Localized for Italy
Scope Item	1J2 (Advance Compliance Reporting)
Application Component	FI-LOC-CA (<i>Contract Accounting</i>)
Valid as Of	SAP S/4HANA 2020 SPS04 SAP S/4HANA 2021 FPS02

Additional Details

In the analytical view for generated runs, you can check the details of the FI-CA documents in the [Reconciliation Key](#) and [Reference Document Type](#) columns.

Related Information

[VAT Declaration](#)
[Analyze Data](#)

15.6.1.1.2 App: Manage Electronic Documents

With the [Manage Electronic Documents](#) app, you can create and send electronic invoices to the tax authorities in Italy and your customers. You can also receive electronic invoices from your suppliers.

Technical Details

Type	New
Functional Localization	Localized for Italy
Scope Item	Not applicable
Application Component	CA-GTF-CSC-EDO-DCC (Manage Electronic Documents (Fiori App))
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

Besides by using the [eDocument Cockpit](#), you can also perform electronic document-related tasks by using the [Manage Electronic Documents](#) app. The following Italy-specific processes, which are available in the [eDocument Cockpit](#), are now also available in the [Manage Electronic Documents](#) app:

- [Italy eInvoice](#)
- [Italy eInvoice with Partner](#)
- [Italy Fattura XML](#)
- [Italy External Documents](#)
- [Italy Incoming eInvoice](#)

The [Manage Electronic Documents](#) app and [eDocument Cockpit](#) are very similar in functionality. The [Manage Electronic Documents](#), based on the SAPUI5 technology and SAP Fiori design guidelines, comes with improved usability and error analysis support. To learn all the differences between them, see [Frequently Asked Questions](#).

Effects on System Administration

To enable users to access this app, you should assign proper user accounts to them. The following objects are relevant to the authorization management of this app:

Object Type	Object	Description
Launchpad Catalog	Globalization - Electronic Documents (SAP_SD_BC_GLO_EDOC)	This launchpad catalog contains the app.
Launchpad Group	Process Electronic Documents (SAP_SD_BCG_GLO_EDOC)	This launchpad group contains the app.
Business Role	Billing Clerk (SAP_BR_BILLING_CLERK)	This business role already contains the above launchpad catalog and launchpad group.

Effects on Customizing

If you already perform electronic document-related tasks using the [eDocument Cockpit](#), you can start using the [Manage Electronic Documents](#) app right away. There's no additional configuration activities that you must perform.

You can group documents with errors by custom error category on the [Error Analysis](#) page of the [Manage Electronic Documents](#) app, such as master data error and communication error. If you want to use this feature, perform the configuration activity [Define Error Categories for Error Analysis Page](#).

Related Information

[Manage Electronic Documents](#)

15.7 Mexico

15.7.1 Cross-Application Functions

15.7.1.1 Document and Reporting Compliance

15.7.1.1.1 Electronic Withholding Tax Certificates

This feature enables you to create and send electronic withholding tax certificates to the tax authorities (Servicio de Administración Tributaria, abbreviated as SAT) and your suppliers. Withholding tax certificates contain withholding tax data of supplier payments. Suppliers use withholding tax certificates as proof that tax withholding was already done when they were paid. Before you send withholding tax certificates to your suppliers, you must send them to the SAT for approval.

Technical Details

Type	New
Functional Localization	Localized for Mexico
Scope Item	Not applicable
Application Component	CA-GTF-CSC-EDO-MX (<i>Document Compliance Mexico</i>)
Valid as Of	SAP S/4HANA 2021 FPS02 SAP S/4HANA 2020 SPS04 SAP S/4HANA 1909 SPS06 SAP S/4HANA 1809 SPS08 SAP S/4HANA 1709 SPS10

Additional Details

The following new processes and transaction have been created for processing withholding tax certificates:

New Processes in the eDocument Cockpit

New Transaction

Mexico Withholding Tax Certificates: Sends withholding tax certificates to the SAT and suppliers.

Mexico Withholding Tax Documents: Provides information about individual withholding tax documents.

Create Withholding Tax Certificates (EDOC_MX_WTC): Combines multiple withholding tax documents into a withholding tax certificate.

The process of creating and sending electronic withholding tax certificates is outlined below:

1. Once you post a supplier payment relevant for withholding tax reporting, the system creates and displays a withholding tax document in the *Mexico Withholding Tax Documents* process in the *eDocument Cockpit*. The withholding tax document contains the withholding tax data of the supplier payment.
2. Using the *Create Withholding Tax Certificates* transaction, you create a withholding tax certificate, which combines multiple withholding tax documents. The system displays the withholding tax certificate in the *Mexico Withholding Tax Certificates* process.
3. In the *Mexico Withholding Tax Certificates* process, you submit the withholding tax certificate in XML format to the SAT via your PAC. If the SAT approves the withholding tax certificate, you can then send both the XML and PDF versions of the certificate to your supplier.

Effects on Customizing

You need to carry out the following configuration activities to define the rule for generating and processing withholding tax documents:

- *Activate Source Type Documents for Company Code*
- *Assign eDocument Type to Accounting Document Type*
- *Define Income Types for Withholding Tax Reporting*

Related Information

[Electronic Withholding Tax Certificates](#)

15.7.1.1.2 Cancellation of Electronic Documents

You can now include cancellation reason codes in cancellation requests for electronic documents that you send to the tax authorities (Servicio de Administración Tributaria, abbreviated as SAT).

Technical Details



Type	Changed
Functional Localization	Localized for Mexico
Scope Item	Not applicable
Application Component	CA-GTF-CSC-EDO-MX (<i>Document Compliance Mexico</i>)
Valid as Of	SAP S/4HANA 2021 FPS02 SAP S/4HANA 2020 SPS04 SAP S/4HANA 1909 SPS06 SAP S/4HANA 1809 SPS08 SAP S/4HANA 1709 SPS10

Additional Details

If you want to cancel an electronic document with a process status other than *eDocument Created*, *Sending Requested*, or *Rejected by Tax Authorities*, you must send a cancellation request containing a cancellation reason code to the SAT. Cancellation reason codes are defined by the SAT, including the following:

Cancellation Reason Code	Description
01	Document has errors. A substitute document exists. <div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> <p>i Note</p> <p>If the cancellation reason code is 01, you should also provide the UUID of the substitute document in the cancellation request.</p> </div>
02	Document has errors. No substitute document exists.
03	Transaction didn't take place.
04	Transaction related to global invoices

To send a cancellation request with a cancellation reason code to the SAT, proceed as follows:

1. In the *eDocument Cockpit*, select the electronic document that you want to cancel. Choose [More](#)  [Cancel eDocument](#) .
2. A new *Cancellation Reason Details* dialog box appears. Enter a cancellation reason code. If the cancellation reason code is 01, enter the UUID of the substitute document in the *Substitute UUID* field. Then choose [Continue](#).

i Note

If the electronic documents has the process status *eDocument Created*, *Sending Requested*, or *Rejected by Tax Authorities*, after you choose ► *More* ► *Cancel eDocument* ✕, the system cancels it immediately. The *Cancellation Reason Details* dialog box doesn't appear in this case.

To accommodate this cancellation change, we have removed the restriction on cancelling **source billing documents** before cancelling eDocuments. You can now cancel a source billing document without having to cancel the eDocument first. However, to cancel a **source accounting document**, you still have to cancel the eDocument first.

Besides, cancelling documents from the previous year is restricted now. For documents from the previous year, you can cancel documents from **December of the previous year only**.

Effects on Customizing

A new Business Add-In (BAdI) *Filling of Cancellation Data for Electronic Documents* (BADI_EDOCUMENT_MX_CANCEL) is available. You can use this BAdI to implement your own logic of filling in cancellation reason codes. The BAdI is especially useful in cases where electronic documents are cancelled through background jobs.

15.7.1.1.3 New Version 4.0 of Annex 20: Required and Optional Activities

Version 4.0 of the Annex 20, the legal framework for electronic documents in Mexico, was published recently. There are some activities that you must carry out to meet the requirements of this new version. Depending on your business needs, you might want to carry out some other optional activities.

Technical Details

Type	New
Functional Localization	Localized for Mexico
Scope Item	Not applicable
Application Component	CA-GTF-CSC-EDO-MX (<i>Document Compliance Mexico</i>)

Valid as Of

SAP S/4HANA 2021 FPS02

SAP S/4HANA 2020 SPS05

SAP S/4HANA 1909 SPS07

SAP S/4HANA 1809 SPS09

SAP S/4HANA 1709 SPS11

Additional Details

To comply with version 4.0 of the Annex 20, perform the following activities:

SAP S/4HANA 2020 and above: [Redefine Activation Date for Interface Version](#) (view EDOINTVERSCUSTV) (required)

SAP S/4HANA 1909 and below: [Activate Interface Versions](#) (view EDOINTVERSIONV) (required)

Electronic Invoices, Payment Receipt Complements, and Delivery Notes

To fully comply with version 4.0, you must activate version 4 of each eDocument interface for these document types. There are four interface versions for each eDocument interface, as follows:

- **Version 4:** Activate this interface version if you want to comply with version 4.0.
- **Version 3:** Activate this interface version if you want to submit electronic documents in compliance with version 3.3, and cancel electronic documents in compliance with version 4.0.
- **Version 2:** Activate this interface version if you want to comply with version 3.3.
- **Version 1:** This interface version is intended for compliance with older versions of the Annex 20.

Electronic Withholding Tax Certificates

To fully comply with version 4.0, you must activate version 2 of each eDocument interface for withholding tax certificates. There are two interface versions for each eDocument interface, as follows:

- **Version 2:** Activate this interface version if you want to fully comply with version 4.0.
- **Version 1:** Activate this interface version if you want to submit withholding tax certificates in compliance with version 3.3, and cancel withholding tax certificates in compliance with version 4.0.

[Set Parameters for Electronic Document Processing](#) (view EDOMXCUSTPARAMV) (optional)

This Customizing activity is currently **relevant for electronic payment receipt complements only**. You can use it to enable the system to run the [Deferred Tax Transfer \(New\)](#) report (program RFUMSV50) when creating eDocuments for customer payment documents. As a result, this app calculates tax-related amounts required in XML files proportionally. If you don't perform this Customizing activity, then the electronic document solution itself calculates tax-related amounts proportionally. However, this might lead to calculation inconsistencies and system performance issues.

Integration Package

To fully comply with version 4.0, you must upgrade to at least **version 1.0.29** of the integration package **SAP Document and Reporting Compliance: Electronic Documents for Mexico**.

i Note

To submit withholding tax certificates in compliance with version 4.0 using the service provider Edicom, you must upgrade to at least **version 1.0.30** of the integration package.

If you use custom integration flows, you must adjust them so that they support the new eDocument interface versions.

SOA Manager Configurations

Submit Invoices, Payment Receipt Complements, or Delivery Notes Using the Integration Flow *Mexico Document Compliance Edicom* or *Mexico Document Compliance Pegaso*

You must create a logical port for the proxy
CO_EDO_MX_CFDIE_DOCUMENTS_V4.

Submit Withholding Tax Certificates Using the Integration Flow *Mexico Document Compliance Pegaso for Withholding Tax Certificate* or *Mexico Document Compliance Edicom for Withholding Tax Certificate*

You must create a logical port for the proxy
CO_EDO_MX_WTCE_DOCUMENTS_V2.

Related Information

[Electronic Customer Invoices](#)
[Electronic Payment Receipt Complements](#)
[Electronic Withholding Tax Certificates](#)
[Electronic Delivery Notes](#)

15.8 Oman

15.8.1 Sourcing and procurement

15.8.1.1 VAT on Retention Payment to Supplier

In cases where the contract specifies sign-off on completion (e.g. a completion certificate or similar document), VAT at standard rate shall be due on the retention amount at the earliest of the following dates:

- The time the retention payment has been made.
- The work has been signed off as complete.
- The tax invoice has been issued.

The VAT applicable on the retention payment would not be due to be accounted for by the supplier until the time the retention payment is received by the supplier, or an invoice in respect of the retention payment is issued, whichever is earlier.

Technical Details

Type	New
Functional Localization	Localized for Oman
Scope Item	J45
Application Component	FI-LOC-LO (<i>Localization Logistics</i>)
Valid as Of	SAP S/4HANA 2021 SPS02

Additional Details

If you need to create an incident regarding this feature, use component XX-CSC-OM-LO.

Related Information

[VAT on Retention Payment to Supplier](#)

15.9 Poland

15.9.1 Finance

15.9.1.1 Transaction Date in SAF-T Accounting Ledgers (JPK_KR)

With this feature, a new field has been added to the extraction table used for the SAF-T Accounting Ledgers (JPK_KR) file, which can store the value of the *Transaction Date* (`DataOperacji`) field.

Technical Details

Technical Details

Type	Changed
Functional Localization	Localized for Poland
Scope Item	Not applicable
Application Component	FI-LOC-FI-PL (<i>Financials Poland</i>)
Valid as Of	SAP S/4HANA 1809 SPS08 SAP S/4HANA 1909 SPS06 SAP S/4HANA 2020 SPS04 SAP S/4HANA 2021 FPS02

Additional Details

The `FIPLD_FIDOC_H` (*SAFT: FI Transaction Document Header*) extraction table has been enhanced with the new `GLO_DAT1_HD` field. During extraction, the system fills this field with the value of the *Transaction Date* `BKPF - GLO_DAT1_HD` field, which you manually entered when you posted the supplier invoice.

Related Information

[Extraction Tables](#)

15.10 Portugal

15.10.1 Public Services

15.10.1.1 Public Sector Management

15.10.1.1.1 Funds Management

15.10.1.1.1.1 Down Payments with VAT Items

This feature enables you to ensure the correct processing of down payments with VAT items in Funds Management.

Technical Details

Type	Changed
Functional Localization	Localized for Portugal
Scope Item	Not applicable
Application Component	FI-LOC-FM-PT (<i>Funds Management Portugal</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

This feature ensures the following:

- Automatic identification of down payment tax codes
- Down payment requests and down payment clearings can be processed in Credit Release Request (CRR) transactions.
- Down payments can be processed in credit release request (PLC) transactions.
- Calculation of correct open amounts for EFDs in carryforward processing
- Manual selection of down payment posting documents in transactions for financial invoice creation

Effects on Customizing

For information about required Customizing settings, see [Processing of Down Payments with VAT Items](#).

You can activate the following new Business Add-In (BAI) implementation *Implementation: Selection for Down Payment Clearing in Financial Invoices* in Customizing for *Public Sector Management*, under ► *Funds Management Government* ► *Funds Management-Specific Postings* ► *Country-Specific Settings* ► *Portugal* ► *Business Add-Ins (BAIs)* ►.

i Note

Due to the new feature for automatic identification of down payment tax codes, you no longer need to maintain the `PTFMV_VAT_DPCODE` Customizing view.

Related Information

[Processing of Down Payments with VAT Items](#)

15.11 Saudi Arabia

15.11.1 Sourcing and Procurement

15.11.1.1 VAT on Retention Payment to Supplier

In cases where the contract specifies sign-off on completion (e.g. a completion certificate or similar document), VAT at standard rate shall be due on the retention amount at the earliest of the following dates:

- The time the retention payment has been made.
- The work has been signed off as complete.
- The tax invoice has been issued.

The VAT applicable on the retention payment would not be due to be accounted for by the supplier until the time the retention payment is received by the supplier, or an invoice in respect of the retention payment is issued, whichever is earlier.

Technical Details

Type

New

Functional Localization	Localized for Saudi Arabia
Scope Item	J45
Application Component	FI-LOC-LO (<i>Localization Logistics</i>)
Valid as Of	SAP S/4HANA 2021 SPS02

Additional Details

If you need to create an incident regarding this feature, use component XX-CSC-SA-LO.

Related Information

[VAT on Retention Payment to Supplier](#)

15.12 Singapore

15.12.1 Cross-Application Functions

15.12.1.1 Document and Reporting Compliance

15.12.1.1.1 Contract Accounting Data in Statutory Reporting GST Return And GST Return Submission

With this feature, the GST Returns and the GST Return Submission can process journal entries that were created based on FI-CA documents.

Technical Details

Type	New
Functional Localization	Localized for Singapore

Scope Item	1J2 (Advance Compliance Reporting)
Application Component	FI-LOC-CA (Contract Accounting)
Valid as Of	SAP S/4HANA 2020 SPS04 SAP S/4HANA 2021 FPS02

Additional Details

In the analytical view for generated runs, you can check the details of the FI-CA documents in the [Reconciliation Key](#) and [Reference Document Type](#) columns.

Related Information

[GST Return](#)
[GST Return Submission](#)
[Analyze Data](#)

15.13 Spain

15.13.1 Finance

15.13.1.1 Changes in the CSB43 Bank Statement Import

With this new feature, you can ensure that only those CSB43 bank statements are imported in your system whose credit, debit, and final balance amounts are the same in segment 22 and 33.

Technical Details

Type	Chnaged
Functional Localization	Localized for Spain
Scope Item	Not applicable

Application Component	FI-LOC-FI-ES (<i>Financials Spain</i>)
Valid as Of	SAP S/4HANA 1709 SPS10
	SAP S/4HANA 1809 SPS08
	SAP S/4HANA 1909 SPS06
	SAP S/4HANA 2020 SPS04
	SAP S/4HANA 2021 SPS02

Additional Details

When you import the CSB43 bank statement, the system calculates the sums of the credit and debit amounts in segment 22. After that, the system calculates the final balance, using the following formula: final balance = starting balance - debit sum+ credit sum. As the last step, it compares the sum of the credit and debit amounts and the final balance amount with the total debit, total credit, final balance amounts in segment 33. If the amounts do not match, you receive an error message and the file import is terminated.

Related Information

[Electronic Bank Statement](#)

15.13.1.2 Convergent Invoicing Electronic Invoices for Public Entities

This feature, localized for Spain, enables you to exchange electronic documents with business partners. This includes compliance with FacturaE, a XML-based format for electronic invoices, which is approved by the Spanish government.

Technical Details

Type	New
Functional Localization	Localized for Spain
Scope Item	2BG (<i>Convergent Invoicing - Invoice Creation for Usage and Service</i>)

Application Component	FI-LOC-CA-ES (<i>Contract Accounting</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Related Information

[Convergent Invoicing](#)

15.13.1.3 Cross-Application Functions

15.13.1.3.1 Document and Reporting Compliance

15.13.1.3.1.1 Contract Accounting Data in Statutory Reporting EC Sales List

With this feature, data from *Contract Accounting* (FI-CA) can be included in the EC sales list.

Technical Details

Type	New
Functional Localization	Localized for Spain
Scope Item	1J2 (Advance Compliance Reporting)
Application Component	FI-LOC-CA (<i>Contract Accounting</i>)
Valid as Of	SAP S/4HANA 2020 SPS04 SAP S/4HANA 2021 FPS02 SAP S/4HANA 1909 SPS07

Additional Details

In the analytical view for generated runs, you can check the details of the FI-CA documents in the *Reconciliation Key* and *Reference Document Type* columns.

Related Information

[EC Sales List](#)
[Analyze Data](#)

15.14 Turkey

15.14.1 Cross-Application Functions

15.14.1.1 Document and Reporting Compliance

15.14.1.1.1 Error Handling Improvements for Electronic Documents

Error handling for electronic documents in Turkey has been improved.

Technical Details

Type	Changed
Functional Localization	Localized for Turkey
Scope Item	Not applicable
Application Component	CA-GTF-CSC-EDO-TR (<i>Document Compliance Turkey</i>)
Valid as Of	SAP S/4HANA 2021 FPS02 SAP S/4HANA 2020 SPS04 SAP S/4HANA 1909 SPS06 SAP S/4HANA 1809 SPS08 SAP S/4HANA 1709 SPS10

Additional Details

The following improvements have been made to the error handling for electronic documents in Turkey:

- The following messages are now available directly in the application log or interface log of the *eDocument Cockpit* (transaction EDOC_COCKPIT):
 - Log messages in SAP Integration Suite or SAP Cloud Integration
 - Error messages from service providers
- The logs of the transactions *Retrieve Invoice Users* (EDOC_TR_GUS_NEW) and *Retrieve Delivery Note Users* (EDOC_TR_DELN_GUBLS) are now available directly on their results screens. Simply choose *Error*, *Warning*, or *Information* from the toolbar.
- Exception handling has been improved.
- Long texts have been provided for error messages that need more explanation.
- If an error occurs during XML display, the error message "No concatenated concept exists for concept" is shown. However, this error message is hard to understand. Now more meaningful error messages are displayed in this situation.

These improvements apply to all the existing electronic document processes for Turkey.

Related Information

[Electronic Invoices](#)
[Electronic Delivery Notes](#)

15.14.1.1.2 Processing of Inbound Messages for Electronic Invoices

You process incoming messages for electronic invoices using the *eDocument Inbound Message Handler* report (transaction EDOC_INBOUND_MSG). Now there are some changes to the behavior of this report and the message types for processing incoming messages.

Technical Details

Type	Changed
Functional Localization	Localized for Mexico
Scope Item	Not applicable
Application Component	CA-GTF-CSC-EDO-TR (<i>Document Compliance Turkey</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

The following changes have been made:

- The *eDocument Inbound Message Handler* no longer saves and displays system responses for basic and commercial invoices in the results. These system responses had the *INVALID* status in the previous releases. They don't need to be processed and therefore can be excluded from the results.
- When you run the *eDocument Inbound Message Handler*, you might see application responses without a related eDocument GUID in the results. These are invalid messages. Now the report deletes such application responses from the results during a subsequent run.
- It can happen that the supplier of an incoming invoice doesn't exist in your system. In this case, the *eDocument Inbound Message Handler* sets the message to the *Processed with Error* status. Once you create that supplier in your system, process the incoming message again using the *eDocument Inbound Message Handler*.
- Going forward, we recommend that you use the *Turkey: All Inbound Messages* (TR_INBOUND_ALL) message type when processing incoming messages for electronic invoices through the *eDocument Inbound Message Handler*. The following message types have been deprecated:
 - *Turkey: Export Registration Application Response* (TR_EXP_REG_PULL_APP)
 - *Turkey: Export Registration System Response* (TR_EXP_REG_PULL_SYS)
 - *Turkey: Incoming Invoices* (TR_INVOICE_PULL)
 - *Turkey: Application Responses* (TR_INVOICE_PULL_APP)

Related Information

[Processing Outgoing Commercial eInvoices](#)

[Processing Incoming Basic eInvoices](#)

[Processing Incoming Commercial eInvoices](#)

[Processing Export Invoices](#)

15.15 United Arab Emirates

15.15.1 Sourcing and Procurement

15.15.1.1 VAT on Retention Payment to Supplier

In cases where the contract specifies sign-off on completion (e.g. a completion certificate or similar document), VAT at standard rate shall be due on the retention amount at the earliest of the following dates:

- The time the retention payment has been made.
- The work has been signed off as complete.
- The tax invoice has been issued.

The VAT applicable on the retention payment would not be due to be accounted for by the supplier until the time the retention payment is received by the supplier, or an invoice in respect of the retention payment is issued, whichever is earlier.

Technical Details

Type	New
Functional Localization	Localized for United Arab Emirates
Scope Item	J45
Application Component	FI-LOC-LO (<i>Localization Logistics</i>)
Valid as Of	SAP S/4HANA 2021 SPS02

Additional Details

If you need to create an incident regarding this feature, use component XX-CSC-AE-LO.

Related Information

[VAT on Retention Payment to Supplier](#)

15.16 Functions Relevant for Several Countries/Regions

15.16.1 Cross-Application Functions

15.16.1.1 Document and Reporting Compliance

15.16.1.1.1 Enhancement of eDocument Cockpit with Custom Fields

You can use the business add-in (BAI) *Enable Custom Fields for eDocument* (EDOC_CUSTOM_FIELDS) to enhance the *eDocument* (EDOCUMENT) table with custom fields.

At process level, you can also enhance the country/region-specific tables with custom fields.

Technical Details

Type	New
Functional Localization	Localized for Colombia, Hungary, Italy, and Portugal.
Scope Item	Not applicable
Application Component	CA-GTF-CSC-EDO (<i>Document Compliance</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

The added fields for a specific process are only visible when the specific process has been selected.

i Note

When you enhance the eDocument tables with custom fields, these custom fields only get filled if the BAdI is implemented and a process action is executed. Otherwise, the custom fields display empty in the *eDocument Cockpit*. Custom fields aren't filled for UI actions.

Effects on Customizing

Carry out the following Customizing activity under [Cross-Application Components](#) > [General Application Functions](#) > [Document and Reporting Compliance](#) > [Country/Region-Specific Settings](#) > [<Country>](#) > [Electronic Document Processing](#) > [\(General Settings\)](#) > [Business Add-Ins](#) > [BAdI: Enable Custom Fields for eDocument](#).

15.16.1.1.2 New Features for Document and Reporting Compliance

See the changes in the *Run Compliance Reports* and *Define Compliance Reports* apps.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	CA-GTF-CSC-DRC-DSH (Document and Reporting Compliance Dashboard)
Valid as Of	SAP S/4HANA 2021 SPS02

Additional Details

Statutory Reporting

Following features are included in statutory reporting:

- **Parallel generation of documents**
Reduce the overall time taken for report generation where there are multiple documents with large amount of data by generating the documents in parallel. Combining similar documents into groups will enable you to generate them simultaneously.
- **Regression Testing**
Automated Regression Tester tool automates the testing of any enhancements, error corrections, optimization, or removal of existing features made to the framework reports by comparing the changes against a reference report run. This ensures that the new code changes do not have any impact on the existing functionalities and that the old functionality still works after the new code changes are applied. Changes made to custom built reports can also be tested using this tool.
- **Migrating CDS Views to CDS Entities**
CDS Entity (formerly known as CDS Views V2) is the successor of current widely used CDS Views. To migrate your existing reports/schemas containing old CDS Views to CDS Entities, you can use the CDS migration program `SRF_CDS_ENTITY_MIGRATION`. This change from CDS Views to CDS entities do not have any impact on existing functionalities.

15.16.1.1.3 App: Manage Electronic Documents

New Peppol processes are now available in the [Manage Electronic Documents](#) app. They are used to send invoices created in non-SAP systems to customers. Besides, the usability of the [Error Analysis](#) page has been improved.

Technical Details

Type	Changed
Functional Localization	Localized for Australia, Austria, Belgium, Denmark, France, Germany, Ireland, Luxembourg, Netherlands, New Zealand, Norway, Poland, Singapore, Spain, Sweden
Scope Item	Not applicable
Application Component	CA-GTF-CSC-EDO-DCC (<i>Manage Electronic Documents (Fiori App)</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

The following table describes the changes in detail:

Category of Change	What's the Change
New Processes	<p>The following Peppol processes have been added to the <i>Manage Electronic Documents</i> app:</p> <ul style="list-style-type: none"> • Austria External Documents • Belgium External Documents • Denmark External Documents • France External Documents • Germany External Documents • Ireland External Documents • Luxembourg External Documents • Netherlands External Documents • Norway External Documents • Sweden External Documents <p>You can use these processes to send invoices created in non-SAP systems to customers electronically.</p>

Category of Change

[Error Analysis](#) Page: Usability Improvements

What's the Change

Working with groups has become easier with the following improvements:

- In the past releases, you can already group documents on the [Error Analysis](#) page by a specific column. Now multiple grouping levels are supported.
- You can collapse and expand a group. This reduces scrolling if you have a very long table. What's more, each group header has a context menu (right-click a group header) with a variety of options, which increases efficiency. The available options include:
 - [Show/Hide](#): Shows or hides the grouping column in the table layout.
 - [Ungroup](#): Removes the groups on the same level.
 - [Ungroup All](#): Removes all the groups on all levels.
 - [Move Up](#): Moves the group one level higher.
 - [Move Down](#): Moves the group one level lower.
 - [Collapse Level](#): Collapses all groups on the same level.
 - [Collapse All](#): Collapses all groups on all levels.
 - [Expand Level](#): Expands all groups on the same level.
 - [Expand All](#): Expands all groups on all levels.
- By using the [Select All](#) checkbox in the table header, you can select all the rows of all the expanded groups at one time.

Related Information

[Manage Electronic Documents](#)

16 Industries

16.1 Consumer

16.1.1 Agriculture

16.1.1.1 SAP Agricultural Contract Management

16.1.1.1.1 CDOTE Orders for Pricing, Lift, Roll, and Cancellation

This feature enables you to fetch futures price from the exchange.

The system creates a CDOTE order request and transmits it to the exchange, broker, or counterparty based on the CDOTE order type that you have selected. The CDOTE order request gets linked to the pricing lots for which you have created the request. When the exchange, broker, or counterparty responds with a fill, CDOTE creates a Futures financial transaction and updates the pricing lot.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	LO-AGR-CC (<i>Commodity Contracts, Expenses, Basic Functions</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

You can create CDOTE orders for the following requests:

- Pricing for Single and Multiple Pricing Lots
- Lift for Single and Multiple Pricing Lots

- Roll for Single and Multiple Pricing Lots
- Cancellation for Single and Multiple Pricing Lots

Related Information

[Pricing with CDOTE for Single and Multiple Pricing](#)
[Lift with CDOTE for Single and Multiple Pricing Lots](#)
[Roll with CDOTE for Single and Multiple Pricing Lots](#)
[Cancellation with CDOTE for Single and Multiple](#)

16.1.2 Retail and Fashion

16.1.2.1 Fashion and Vertical Business

16.1.2.1.1 Configure Release Check Variant app - Requirement Documents Selection Logic Change

With this app, you can now select requirement documents directly based on the BOP segments of BOP variants maintained in the release check variant.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	LO-RFM-ARN (<i>Order Allocation Run</i>)
Valid as Of	SAP S/4HANA 2021 SPS02

Additional Details

The execution of the release check run via the release check variant is no longer dependent on the ATP logs. This means that the previous execution of the BOP run is not required to select requirement documents. The system selects the requirement documents at the time of release check calculation.

Effects on System Administration

To use this feature, you need to activate the business function `SUPPLY_ASSIGNMENT_01`.

For more information on the business function, see [Supply Assignment \(ARun\)](#)

Related Information

[Configure Release Check Variant](#)

16.1.2.1.2 Configure Supply Assignment Rule app - BOP Filtering Logic for Fully Assigned Orders

With this app, you can now choose whether fully assigned orders are to be considered during the BOP run based on certain criteria.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	LO-REFM-ARN (<i>Order Allocation Run</i>)
Valid as Of	SAP S/4HANA 2021 SPS02

Effects on System Administration

To use this feature, you need to activate the business function `SUPPLY_ASSIGNMENT_01`.

For more information on the business function, see [Supply Assignment \(ARun\)](#)

Related Information

[Configure Supply Assignment Rule](#)

16.1.2.1.3 Fashion Contract Locking During Release Order Creation and Mass Processing

With this feature, you can now enable the system to lock fashion contracts (requirement relevant contracts) at item level during the creation of release orders (call-offs) or mass processing (backorder processing (BOP), season redetermination, VAS redetermination) of release orders.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	LO-REM-SD (<i>Sales and Distribution for Retail & Fashion</i>)
Valid as Of	SAP S/4HANA 2021 SPS02

Additional Details

Contract locking makes release order creation and mass processing much more seamless for customers with large volumes of data. Since the simultaneous call and locking from different processes of the contracts during the update can also be done with the same contract documents that are called at the same time, an exclusive lock is now created on item level. Therefore, the errors that occur due to locks are now drastically reduced.

Effects on System Administration

To use this feature, you need to activate the business function `ISR_RETAILSYS`.

For more information on the business function, see [Retail](#)

Effects on Customizing

To enable this feature, select the *Rel. Order Mass Processing* checkbox to enable locking during mass processing of release orders or select the *Rel. Order Creation* checkbox to enable locking during the creation of

release orders in Customizing for *Sales and Distribution* under [Sales](#) [Copying Control for Sales Documents](#)
[Set Copying Control: Sales Document to Sales Document](#).

Related Information

[Sales Contracts](#)

16.1.2.1.4 Supply Demand Overview – Flexible Analysis (Deprecated)

The design studio version (**Fiori ID: F3388**) of this app is deprecated starting with SAP S/4HANA 2021 and will be deleted from the SAP Fiori launchpad as of SAP S/4HANA 2022.

The Web Dynpro version (**Fiori ID: W0178**) is available starting with SAP S/4HANA 2021.

Technical Details

Type	Deprecated
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	LO-RFM-ARN (<i>Order Allocation Run</i>)
Valid as Of	SAP S/4HANA 2021 SPS02

Additional Details

The design studio version (**Fiori ID: F3388**) of this app may no longer be available by default on the SAP Fiori launchpad. In this case, you can find it in the app finder until it is deleted. We recommend that you switch to the successor app (**Fiori ID: W0178**) as soon as possible.

Effects on System Administration

Use the following business catalog, group, and role to access the corresponding app from SAP Fiori home page:

Business Group	Business Catalog	Business Roles
SAP_RFM_BCG_SUPPDEMNDVW	SAP_RFM_BC_SUPPDEMNDVW	SAP_BR_ORDER_FULFILLMNT_MNGR_R

Related Information

[Supply Demand Overview - Flexible Analysis](#)

16.1.2.2 Retail for Merchandise Management

16.1.2.2.1 Automatic Physical Inventory Posting: Count Stock Ad hoc

With this feature you can enable automatic posting for the physical inventory document. The stock difference gets posted once the count is submitted in the Count Stock Ad hoc application.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	LO-RFM-STO-FIO (<i>In-Store Merchandise and Inventory Management - Fiori Apps</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Effects on System Administration

To use this feature, you need to activate the following business functions:

- Retail (ISR_RETAILSYSTEM)
- Retail, Store & Multichannel (ISR_RETAIL_STORE)

For more information about these business functions, see [Retail](#).

Effects on Customizing

To enable automatic posting, select the Customizing *Define Basic Settings for Count Stock Ad hoc* under [► Logistics - General ► Store Operations ► In-Store Merchandise and Inventory Management - U15 Apps ► Count Stock Ad hoc ►](#).

Related Information

[Count Stock Ad hoc](#)

16.1.2.2.2 Manage General Settings for Assortment Module Management

With the *Manage General Settings* Customizing activity for the assortment module management solution, you can now define the inbound destination which the system uses for scheduling background Remote Function Calls (bgRFCs).

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	LO-RFM-MD-LST (<i>Listing</i>)
Valid as Of	SAP S/4HANA 2020 SPS04 SAP S/4HANA 2021 FPS02

Additional Details

When generating the product master data and the corresponding listing conditions during the postprocessing steps for assortment modules, the system schedules asynchronous background Remote Function Calls (bgRFCs). The system thereby needs the inbound destination as a prerequisite for scheduling bgRFCs.

By default, the field is empty. If you do not define the inbound destination for background Remote Function Calls (bgRFCs), the system uses asynchronous Remote Function Calls (aRFCs) instead.

i Note

We recommend that you always define the inbound destination for bgRFCs.

Effects on System Administration

As a prerequisite for configuring the assortment module management solution, you must activate the business function *Retail, Assortment Module Management* (RETAIL_ASM_MANAGEMENT). For more information about the business function, see [Retail, Assortment Module Management](#).

Effects on Customizing

A new field (*Inbound Destination for Background RFCs*) is available in Customizing for *Logistics - General* under [► Assortment ► Assortment Module Management ► Manage General Settings ►](#).

Related Information

[Assortment Module Management](#)

16.2 Energy & Natural Resources

16.2.1 Utilities

16.2.1.1 Altitude in Connection with Volume Correction Factor Procedure and Gas Procedure

In Germany, the gas volume correction factor that is included in the calculation of gas standard volumes must be calculated taking into account the altitude of the end consumer (DVGW sheet G 685 "Gas Billing").

For this purpose, the air pressure is calculated using a barometric height formula, which incorporates the altitude of the installation. The altitude is maintained as a new attribute in the installation.

The calculation for determining the air pressure depending on the altitude can now be selected in the configuration of the volume correction factor procedure.

The volume correction factor procedure is configured in the SAP Implementation Guide, under [► SAP Utilities ► Contract Billing ► Special Functions ► Gas Billing ► Volume Correction Factor ► Volume Correction Factor](#)

[Procedure](#) > [Define Volume Correction Factor Procedure](#). In this activity, in the 'Atmospheric Pressure' segment, the entry *Determination from Altitude at the End Consumer* can now be selected for the field **Air Pressure**.

You configure a new gas procedure based on the volume correction factor procedure. For the mass conversion of registers and device info records to a new gas procedure, you can use the program

ISU_GAS_PROC_SETTING.

For more information, see the system documentation for the Customizing entry *Air Pressure Related to Altitude* and SAP Note [3156835](#).

Technical Details

Type	New
Functional Localization	Localized for Germany
Scope Item	Not applicable
Application Component	IS-U-BI-SF-GA (<i>Gas Billing</i>)
Valid as Of	SAP S/4HANA 2021 FPS02 SAP S/4HANA 2020 FPS04

16.2.1.2 SAP Waste & Recycling

16.2.1.2.1 Check for Creating Weighing Records in the Waste Disposal Order Cockpit

You can use this function to check, whether creating a weighing record in the confirmation cockpit is permitted or not permitted.

At the route it is possible to define whether a weighing may be done only on waste disposal order header level and/or on waste disposal order item level. In the weighing transaction, it can be checked whether the weighing is allowed and whether only a warning message or an error message should be displayed.

In addition to the weighing transaction, the check is now also available for order confirmation. If a weighing record is created and saved in the conformation transaction at waste disposal order header level and/or waste disposal order item level, it is checked whether this is allowed according to the settings on the route and whether a warning message or an error message should be displayed.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	IS-U-WA (<i>Waste Management</i>)
Valid as Of	SAP S/4HANA 1809 SPS08
	SAP S/4HANA 1909 SPS06
	SAP S/4HANA 2020 SPS04
	SAP S/4HANA 2021 SPS02

Additional Details

Use the enhanced functionality in the waste disposal order confirmation to check the route maintenance when creating weighing records. Avoid errors in creating weighing records due to route maintenance for example for collection routes and container service routes.

A new configuration setting to ignore the route configuration ensures the downward compatibility for customers.

Effects on Customizing

Maintain the configuration setting under [SAP Utilities](#) > [Waste Management](#) > [Processing of Waste Disposal Orders](#) > [Define Process Settings for the WDO Cockpit](#) > [Suppress Check for Weighing Records](#).

There is a new flag for the check of the route configuration when creating a weighing record. If this flag is set, the configuration in the route maintenance regarding the permissibility of creating weighing records is ignored, i.e., creation is always possible.

Related Information

[Weighing Settings at the Route](#)

16.2.1.3 Contract Billing

16.2.1.3.1 Product Integration

16.2.1.3.1.1 Deprecation of Integration Flows for Integration with SAP Commerce Cloud, Telco and Utilities Accelerator

All integration flows in the *SAP Commerce Cloud, Telco and Utilities Accelerator Integration with SAP S/4HANA Utilities* integration package and the corresponding integration guide will be removed as of SAP S/4HANA 2021 SPS03.

Technical Details

Type	Deprecated
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	Product Integration (IS-U-BI-PI)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

We recommend that you switch to the standardized solution for replicating product offering and pricing information from the accelerator to SAP S/4HANA Utilities, which uses event-driven architecture following the TM Forum guidelines. This solution is offered with the 2202 release of the accelerator.

Related Information

[Upgrading Telco & Utilities Accelerator from 2111 to 2202](#)

16.3 Financial Services

16.3.1 Insurance

16.3.1.1 msg.PMQ

16.3.1.1.1 Copying content objects from search results

This feature enables you to copy search results from the search view to the clipboard, so that these objects can be pasted into the PMQ Explorer individually or collectively as a structure copy.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	FS-MPM (msg.PMQ)
Valid as Of	SAP S/4HANA 2021 FPS02

16.3.1.1.2 Deprecation: Model, UI and Validation

This feature enables you to model roles in the tag type editor via the input field "usage".

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	FS-MPM (msg.PMQ)

Additional Details

The following roles can be selected: <standard>, category, information, warning and deprecation. Each of these tags leads - if selected - to a marker on the object. Information is output as Information, Warnings and Deprecation are output as Warnings. The description of the tag type is used in the message text. A dynamic substitution $\${tag.value}$ can also be used for the value of the tag. This can now be used, for example, to tag content objects as "Out of date since..."

16.3.1.1.3 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 (<i>msg.PMQ</i>)
Valid as Of	SAP S/4HANA 2021 FPS02

Additional Details

- PMQ.Designer
 - When the Outline view was open, LOCOViewExceptions occurred in test structures when executing "Complete subtree minimally". This has been fixed.
 - The quick fix "Set primary key according to type default" available for tables only cleared the error marker, but did not correct the data. This has been fixed.
 - Copy and Paste could only paste data from Excel if all columns offered by the enumeration editor were on the clipboard. This has been fixed.
 - When configuring deployment projects with the "Content Service" target, the value for the optional "Activation Date" parameter was always detected as invalid. This has been fixed.



- The third-party module `com.eclipsesource.jaxrs.jersey-all_*` has been revised. When installing UpdateSites into PMQ.Designer, there could be dependency resolution issues in this regard. The module was patched and the bug was fixed.
- When executing the "Update product data" action for large contents , an error message could occur and the action could be canceled. This has been fixed.
- When checking the Java version during setup, there were sometimes problems with recognizing the version used. This has been fixed.
- The validation of content objects sometimes led to an abort in the case of faulty test structures that were compiled via a customer-specific tool. This has been fixed.
- If an override (e.g. restriction) was applied to a field in a structure type with a base type, the sequence of fields in the structure type changed. This has been fixed.
- POTATO
 - If the "Configuration" worksheet is missing when importing product data from an MS Excel file, a specific error message now appears instead of the previous non-specific error message.
 - The LogFile was not created correctly when called via headless mode. Differences occurred in the LogFiles depending on the call via headless mode or user interface. This has been fixed: The LogFile is now created with the same entries both in headless mode and when using the user interface.
 - When importing product data, which was created with the output profile "MINIMAL", NullPointerExceptions could occur. This has been fixed.

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