



What's New | PUBLIC

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What's New in SAP S/4HANA 2022 SPS04

Content

- 1 What's New. 4**
- 2 Cross Components. 5**
 - 2.1 Master Data Maintenance. 5
 - 2.2 Country/Region Specifics. 6
 - 2.3 Document Management. 6
- 3 Asset Management. 9**
 - 3.1 Maintenance Management. 9
 - 3.2 Country/Region Specifics. 9
- 4 Finance. 10**
 - 4.1 Accounting and Financial Close. 10
 - 4.2 Treasury Management. 14
 - 4.3 Billing and Revenue Innovation Management. 15
 - 4.4 Country/Region Specifics. 17
- 5 Manufacturing. 18**
 - 5.1 Country/Region Specifics. 18
- 6 Manufacturing for Production Engineering and Operations. 19**
 - 6.1 Extended Production Engineering. 19
- 7 R&D/Engineering. 21**
 - 7.1 Enterprise Portfolio and Project Management. 21
 - 7.2 Integrated Product Development for Process Industries. 22
 - 7.3 Product Safety and Stewardship. 23
- 8 Sales. 24**
 - 8.1 Order and Contract Management. 24
 - 8.2 Country/Region Specifics. 25
- 9 Supply Chain. 26**
 - 9.1 Warehouse Management. 26
 - 9.2 Delivery and Transportation. 32
 - 9.3 Country/Region Specifics. 36
- 10 Integration. 37**
 - 10.1 Integration with Industry Cloud Solutions from SAP. 37
 - 10.2 Country/Region Specifics. 40

11	Country/Region Specifics.	41
12	Industries.	42
12.1	Consumer.	42

1 What's New

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

2 Cross Components

2.1 Master Data Maintenance

2.1.1 Customer/ Supplier Master Data

2.1.1.1 Log Extension for Customer/ Supplier EoP Check

Business Details

This feature enables you to get additional log information on why a certain customer/ supplier couldn't be blocked in the system.

You can use the report *Block Customer and Supplier Master Data* (transaction CVP_PRE_EOP) to block customer/ supplier master data that is no longer needed in ongoing business and has exceeded the residence period.

During the blocking process, logs are written, which can be viewed in the *Display Stored Application Logs for Customer and Supplier* report (transaction CVP_DISPLAY_LOG) . This new feature provides more comprehensive information on the reasons behind the inability to block a specific customer/supplier. To access this information, simply click on the *Details* button (magnifying glass icon) in the *Details* column of a log entry. A new window appears, offering additional details about the issue.

Implementation Details

This feature is currently available for specific applications only. Refer to SAP Note [3199558](#) to get an overview.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Report: CVP_DISPLAY_LOG (Display Stored Application Logs for Customer and Supplier)
Application Component	LO-MD-BP-DP (<i>Customer/ Supplier Data Privacy</i>)
Valid as Of	SAP S/4HANA 2022 SPS04

Related Information

[Logging](#)

2.2 Country/Region Specifics



For country/region-specific changes, please see [What's New Viewer](#).

2.3 Document Management


2.3.1 Document Management: Small Enhancements as Part of SAP Continuous Influence Program

Business Details

Improvements in the [Document Management](#) component are available to you in the context of the SAP Continuous Influence Program for Product Lifecycle Management. These improvements are based on proposals submitted by customers through this program.

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
CA-DMS (<i>Document management</i>)	Enable Phrase Search in cv04N for Full Text Search	S4CORE 102 SPS14	New	299485 	3341493 
		S4CORE 103 SPS12			
		S4CORE 104 SPS10			
		S4CORE 105 SPS08			
		S4CORE 106 SPS06			
		S4CORE 107 SPS04			
		CA-DMS (<i>Document management</i>)			
S4CORE 103 SPS12					
S4CORE 104 SPS10					
S4CORE 105 SPS08					
S4CORE 106 SPS06					
S4CORE 107 SPS04					

These improvements are valid for all countries.

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

Technical Details

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

Application Component

CA-DMS (*Document Management*)

Valid as Of

SAP S/4HANA 2022 SPS04

3 Asset Management

3.1 Maintenance Management

3.1.1 CDS View for Maintenance Order Component

With the new CDS view [Maintenance Order Component Data](#) (`I_MaintOrderComponentDEX`), you can retrieve information about the components and lean services that are assigned to maintenance order operations.

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 (Maintenance Orders)
Valid as Of	SAP S/4HANA 2022 SPS04

Related Information

[Maintenance Order Component Data](#)

3.2 Country/Region Specifics

For country/region-specific changes, please see [What's New Viewer](#).

4 Finance

4.1 Accounting and Financial Close

4.1.1 General Ledger Accounting

4.1.1.1 Accounting Enhancements for Banks

4.1.1.1.1 Average Daily Balances

4.1.1.1.1.1 Key Figure Calculation

Business Details

With this feature, banks can manage the externally provided Average Daily Balance (ADB) figures for daily and monthly submitter companies in SAP S/4HANA.

Implementation Details

Customizing

Ensure that you have made the following settings:

- Configured the ADB adjustment special ledgers for daily submitter companies as mentioned in the configuration documentation for Special Purpose Ledgers. For more information, see [Configuration](#).
- Configured the daily submitter company codes and assigned the G/L accounting ledger to the corresponding ADB adjustment special ledgers in Customizing for [SAP Banking](#) > [Enhancements for Accounting](#) > [Average Daily Balance](#) > [Assign Daily and Monthly Submitter Company Codes to ADB Special Ledger](#) >

Note

The [Assign Daily and Monthly Submitter Company Codes to ADB Special Ledger](#) Customizing activity was previously called [Monthly Delivery of Average Balances](#) as indicated in the [Effects on Existing Data](#) subsection.

Effects on Existing Data

The title of the Customizing activity [SAP Banking](#) > [Enhancements for Accounting](#) > [Average Daily Balance](#) > [Monthly Delivery of Average Balance](#) has been updated to [Assign Daily and Monthly Submitter Company Codes to ADB Special Ledger](#).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	FI-GL-GL-ADB (Average Daily Balance)
Valid as Of	SAP S/4HANA 2022 SPS04

4.1.2 Revenue Accounting and Reporting

4.1.2.1 Migration to Revenue Accounting in a Distributed Scenario

Business Details

In a distributed system scenario, it is beneficial to complete the operational load from all involved operational systems before starting the creation of revenue accounting contracts. This ensures that all revenue accounting items, created in different operational systems, are available and will be considered when combining them into the contracts. In the SAP Sales and Distribution operational load transactions `FARRIC_OL` and `FARRIC_OL_EXPERT` and in the operational load application programming interface (API) for third-party systems `FARR_INBOUND_EXT_MIGRATION_API` you now have the option to postpone contract creation in Revenue Accounting and Reporting.

If you choose to use this option, the operational load will be performed, but the revenue accounting items (RAIs) will not be processed immediately. Instead, they will be postponed with the postponement reason [Initial Load](#).

When the operational load for all involved operational systems has been completed, you can start the initial load transaction `FARR_INB_INIT_LOAD` to create RAR contracts. This program picks up all revenue accounting items with the postponement reason [Initial Load](#) and processes them.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	Not applicable
Application Component	FI-RA (<i>Revenue Accounting</i>)
Valid as Of	SAP S/4HANA 2022 SPS04

Related Information

[Migration](#)

[Postpone RAR Contract Creation](#)

4.1.2.2 Copy Historical Data from Revenue Accounting Classic During Migration

Business Details

If you are currently using Revenue Accounting and Reporting Classic (CCM) and decide to switch to Revenue Accounting and Reporting Optimized (OCM), you now have the option to transfer some of the data from Classic RAR to the newly created RAR contracts through the migration process.

When you select the new parameter *Copy Historical Data from Classic RAR* in the operational load transactions `FARRIC_OL` and `FARRIC_OL_EXPERT` or in the initial load transaction `FARR_INB_INIT_LOAD`, the program copies the following data from CCM contracts and performance obligations (POBs) that are associated with the same source documents:

- Start date
- End date
- Stand-alone selling price
- Effective quantity (for event-based POBs)
- Allocated amount
- Completion date
- Cumulative distributed invoice amounts and exchange rate differences
- Recognized revenue

The previous report for the migration from Classic Contract Management to Optimized Contract Management, as described in the SAP Note [2881057](#) *Migration from Classic Contract Management to Optimized Contract Management*, will no longer be relevant and is therefore not recommended for use anymore.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	Not applicable
Application Component	FI-RA (<i>Revenue Accounting</i>)
Valid as Of	SAP S/4HANA 2022 SPS04

Related Information

[Migration](#)
[Copy Historical Data from Classic RAR Contracts](#)

4.1.2.3 Enhancement of the "Reprocess Account Determination" Report

Business Details

The report *Reprocess Account Determination* (FARR_REPROCESS_ACCOUNTS) has been enhanced to support more selection fields. Up to now, the selection was made solely by using the revenue accounting contract as a mandatory field. With this enhancement, you can select the following main fields:

- *Revenue Contract*
- *Company Code*
- *Accounting Principle*

You need to enter a value in at least one of these fields. Additionally, you can restrict your selection by using the fields *Created By*, *Created On*, *Last Changed By*, and *Last Changed On*, as well as by excluding completed contracts.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	5VW (Revenue Accounting)
Technical Object Name	FARR_REPROCESS_ACCOUNTS
Application Component	FI-RA (<i>Revenue Accounting</i>)
Valid as Of	SAP S/4HANA 2022 SPS04

4.2 Treasury Management

4.2.1 Migration of In-House Bank Payment Items to the New Data Model

Business Details

There is a new data model available for the In-house Bank Payment items. It comes with enhanced navigation and processing capabilities. However, you might be required to migrate your old postings over to the new data model.

Implementation Details

For implementing the new data model, see the SAP Note [3421270](#).

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	6BP (In-House Banking)
Technical Object Name	Not applicable

4.3 Billing and Revenue Innovation Management

4.3.1 Contract Accounting

4.3.1.1 Integration with General Ledger Accounting: Logging of Reconciliation and Reposting of Reconciliation Differences

Business Details

With the *Reconcile Open Items* (FPO2) transaction, you reconcile the current balance in Contract Accounts Receivable and Payable with the general ledger for the specified reconciliation accounts and VAT clearing accounts. The result of reconciliation of the open items is now logged in the system. You can display the snapshots created with transaction FPOPSNAP_MAINTAIN.

You can use transaction FPOPSNAP_MAINTAIN to transfer post reconciliation differences that may occur during a system conversion, for example.

Implementation Details

Customizing

Transfer posting of reconciliation differences with transaction FPOPSNAP_MAINTAIN is only possible in consultation with SAP Support. The transfer posting is protected by an access key that can only be assigned by SAP. For further information, see SAP Note [3397786](#).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID/Transaction: FPOPSNAP_MAINTAIN
Application Component	FI-CA-IN-GL (<i>General Ledger Accounting</i>)
Valid From	SAP S/4HANA 2022 SPS04

Related Information

[Reconciliation Adjustments](#)

4.3.2 Subscription Order Management

4.3.2.1 Reassigning Master Agreement in a Subscription Contract When Customer Hierarchy is Changed

While modifying an existing customer hierarchy, the system first checks for any assignments to a master agreement using the BAdI `BADI_CHK_CUST_HIER_REF` (Check the customer hierarchy references) in the Customizing under [Sales and Distribution](#) > [Master Data](#) > [Business Partners](#) > [Customers](#) > [Customer Hierarchy](#) > [BAdI: Check Customer Hierarchy References](#). Previously, a standard implementation of this BAdI was provided where it was activated by default. You can now deactivate this BAdI so that you can manually change the existing customer hierarchy.

Now consider a master agreement with an assigned customer hierarchy. If this customer hierarchy is modified such that a node (business partner) is either moved to another customer hierarchy or removed, then any existing subscription contracts associated with the master agreement will be impacted by this change. In such a case, you can now manually adjust the current master agreement reference using the [Create Follow-Up](#) change process. This was previously not possible.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	CRM-S4-SOM (<i>S4CRM: Subscription Order Management</i>)

Valid as Of

SAP S/4HANA 2020 SPS08

SAP S/4HANA 2021 SPS06

SAP S/4HANA 2022 SPS04

Additional Details

For more information about deactivating the BAdI, refer to SAP Note [3339804](#) (Deactivation of default BAdI BADI_CHK_CUST_HIER_REF implementation).

You may either assign another relevant master agreement to the existing subscription contract or remove the reference altogether if no relevant master agreement is identified for the changed customer hierarchy. For more information about changing the master agreement, refer to SAP Note [3396116](#) (Allow master agreement change when BP is moved to a different customer hierarchy or removed).

Related Information

[Customer Hierarchies in Master Agreement](#)

4.4 Country/Region Specifics

For country/region-specific changes, please see [What's New Viewer](#).

5 Manufacturing

5.1 Country/Region Specifics

For country/region-specific changes, please see [What's New Viewer](#).

6 Manufacturing for Production Engineering and Operations

6.1 Extended Production Engineering

6.1.1 Manufacturing Reference Structures (MRS)

A manufacturing reference structure (MRS) is a separate hierarchy of information that can be linked to the BOM hierarchy to provide additional contextual information for BOM components during production processes. PEO can establish these links between the BOM and MRS hierarchy. From this release, you can now define whether you want to enable the system to create generic paths instead of fully specified paths in an absolute occurrence scenario. More information is provided in the Additional Details section.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PP-PEO-MRS (<i>Manufacturing Reference Structure</i>)
Valid as Of	SAP S/4HANA 2022 SPS04

Additional Details

Generic (Undefined) BOM Hierarchy Paths

When mapping the BOM hierarchy to the MRS, you might have a situation where you want to map a BOM item in the context of the end item but you are not yet able to provide the complete path from the BOM root to the BOM item. To create the mapping, you need to be able to create an undefined path between the BOM root and the BOM item which wasn't possible in previous releases. You can now enable this by implementing the BAdI `EX_MPE_MRS_BOM_MAPPING_ALLOWED` (BAdI: Allowing and Disallowing BOM to MRS Mapping).

Note

By default no generic path is allowed. To enable the feature, you need to create the BAdI implementation and make the necessary specifications that suit your requirements.

Effects on Customizing

► *Production Manufacturing for Production Engineering and Operations* ► *Business Add-Ins (BAdIs)*
► *Production Engineering* ► *Manufacturing Reference Structures* ► *BAdI: Allowing and Disallowing BOM to MRS Mapping* ►

In this customizing activity, you can create a Business Add-In (BAdI) implementation to enable the use of generic paths to support a unique absolute occurrence scenario when creating BOM to MRS mapping. You can define rules to control when the system is to create a generic path and when a complete specified path is to be used for the mapping. In addition, you can define what changes to the mapping are allowed if the BOM version is released.

For detailed information, see the BAdI documentation in the system and refer to the example implementation.

7 R&D/Engineering

7.1 Enterprise Portfolio and Project Management



7.1.1 SAP Portfolio and Project Management

7.1.1.1 Project Management


7.1.1.1.1 Project Management: Small Enhancements as Part of SAP Continuous Influence Program

Business Details

Improvements in the *Project Management* component are available to you in the context of the SAP Continuous Influence Program for Product Lifecycle Management. These improvements are based on proposals submitted by customers through this program.

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
PPM-PRO (<i>Project Management</i>)	Task ID is Editable	S4CORE 102 SPS14	New	304020 	3433872 
		S4CORE 103 SPS12			
		S4CORE 104 SPS10			
		S4CORE 105 SPS08			
		S4CORE 106 SPS06			
		S4CORE 107 SPS04			

These improvements are valid for all countries.

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

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	PPM-PRO (<i>Project Management</i>)
Valid as Of	SAP S/4HANA 2022 SPS04

7.2 Integrated Product Development for Process Industries

7.2.1 Routing: Small Enhancements as Part of SAP Continuous Influence Program

Business Details

Improvements in the *Routing* component are available to you in the context of the SAP Continuous Influence Program for Product Lifecycle Management. These improvements are based on proposals submitted by customers through this program.

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
LO-EWB (<i>Engineering Workbench</i>)	Mass Creation of Material-Plan Assignments	S4CORE 102 SPS14	New	306107	3421682
		S4CORE 103 SPS12			
		S4CORE 104 SPS10			
		S4CORE 105 SPS08			
		S4CORE 106 SPS06			
		S4CORE 107 SPS04			

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	LO-EWB (<i>Engineering Workbench</i>)
Valid as Of	SAP S/4HANA 2022 SPS04

7.3 Product Safety and Stewardship

7.3.1 BAdI: Integration of Partner Labeling Solutions in Global Label Management

Business Details

This new Business Add-In (BAdI) CBGL_BADI_EHS_GLM_015 is used in the EHS-SAF-GLM component. You can use this BAdI to integrate a Partner Labeling Solution (PLS) to replace the WWI Server for printing labels.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	N/A
Technical Object Name	BAdI: CBGL_BADI_EHS_GLM_015
Application Component	EHS-SAF-GLM (<i>Global Label Management</i>)
Valid as Of	SAP S/4HANA 1809 012

8 Sales

8.1 Order and Contract Management

8.1.1 Sales Order Management and Processing

8.1.1.1 OData API: Sales Order (A2X)

Business Details

The *Sales Order (A2X)* API now contains additional properties on header level and on item level.

The following additional properties have been added:

Property	Description	Entity	Necessity
CorrespncExternalReference	The internal reference number of the customer or supplier. The reference number identifies the person responsible for the document at the customer or supplier location.	A_SalesOrder (sales order header) A_SalesOrderItem (sales order item)	Optional
POCorrespncExternalReference	The internal reference number of the end customer. The reference number identifies the person responsible for the document at the end customer location.		
CustomerConditionGroup 1	Using condition groups 1 - 5 from the customer record, a customer can be assigned to a group that can be used during subsequent processing (such as order, delivery, and billing document) for condition determination and pricing.		
CustomerConditionGroup 2	Customer Condition Group 2		
CustomerConditionGroup 3	Customer Condition Group 3		

Property	Description	Entity	Necessity
CustomerConditionGroup 4	Customer Condition Group 4		
CustomerConditionGroup 5	Customer Condition Group 5		

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

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BD9 (Sell from Stock)
Technical Object Name	API: API_SALES_ORDER_SRV
Application Component	SD-SLS-API (<i>SD API Interface</i>)
Valid as Of	SAP S/4HANA 2022 SPS04

Related Information

[Sales Order \(A2X\)](#)

8.2 Country/Region Specifics

For country/region-specific changes, please see [What's New Viewer](#).

9 Supply Chain

9.1 Warehouse Management

9.1.1 Packaging Material Description in RF Picking

Business Details

With this feature, you can display packaging material descriptions instead of packaging material numbers on the pick-handling unit screen during radio frequency (RF) picking. Warehouse operatives can then more easily identify packaging materials based on their descriptive text, which improves operational efficiency and accuracy.

Implementation Details

Customizing

You've specified that you want to display packaging material descriptions instead of packaging material numbers in Customizing for *Extended Warehouse Management* under [Business Add-Ins \(BAIs\) for Extended Warehouse Management](#) > [Mobile Data Entry](#) > [BAI: Conversion of Packaging Material Number to Description](#).

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	App ID: /SCWM/RFUI
Application Component	SCM-EWM-RF (<i>Radio Frequency Processing</i>)

Valid as Of

SAP S/4HANA 2022 SPS04

SAP S/4HANA 2021 SPS06

SAP S/4HANA 2020 SPS08

SAP S/4HANA 1909 SPS10

Related Information

[Radio Frequency Framework](#)

9.1.2 Packaging Material Proposal for Pick-HUs During RF Picking

Business Details

With this feature, you can ask the system to propose packaging materials for any remaining warehouse tasks during radio frequency (RF) picking. The packaging material proposal helps warehouse workers to choose a suitable packaging material. The warehouse worker requests the packaging material proposal by choosing the *F3 PackP* button on the pick handling unit (HU) screen.

The system proposes the packaging material of the last processed HU or uses the logic specified in Business Add-In (BAI) *Determination of Packaging Material for Pick-HU*.

Implementation Details

Customizing

You can specify your own logic to determine the right packaging material in Customizing for *Extended Warehouse Management* under [Business Add-Ins \(BAIs\) for Extended Warehouse Management](#) > *Mobile Data Entry* > *Picking with Radio Frequency (RF)* > *BAI: Determination of Packaging Material for Pick-HU*.

Technical Details

Type	Changed
Functional Localization	Not applicable

Scope Item	Not applicable
Technical Object Name	App ID: /SCWM/RFUI
Application Component	SCM-EWM-RF (<i>Radio Frequency Processing</i>)
Valid as Of	SAP S/4HANA 2022 SPS04
	SAP S/4HANA 2021 SPS06
	SAP S/4HANA 2020 SPS08
	SAP S/4HANA 1909 SPS10

Related Information

[RF Picking Flow](#)

9.1.3 Printer Assignment to RF Resources

With this feature, you can assign a printer to a radio frequency (RF) resource for printing handling unit (HU) labels. For example, if you have a mobile HU printer or an HU printer mounted on a resource.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	SCM-EWM-RF (<i>Radio Frequency Processing</i>)
Valid as Of	SAP S/4HANA 2022 SPS04
	SAP S/4HANA 2021 SPS06
	SAP S/4HANA 2020 SPS08
	SAP S/4HANA 1909 SPS10

Additional Details

If a printer is mounted on a warehouse device, the system determines a printer according to the mapping of resource, printer pool, and printer that you defined in transaction [Assign Printer to Resource](#) (transaction / SCWM/RSRC_PRN). You can access this transaction on the *SAP Easy Access* screen by choosing [Logistics](#) [SCM Extended Warehouse Management](#) [Extended Warehouse Management](#) [Master Data](#) [Resource Management](#).

If you're using a mobile printer, you can assign a printer directly in the RF printing transaction by choosing [05 Internal Processes](#) [05 Resource Management](#) [03 Printer](#).

Effects on Customizing

You can influence the printer determination for your RF resource according to the printer pool assignment in the condition technique using [BADl: Redetermination of RF Printer from PPF Printer Pool](#) in Customizing for [Extended Warehouse Management](#) under [Business Add-Ins \(BADIs\) for Extended Warehouse Management](#) [Mobile Data Entry](#).

Related Information

[RF Printing](#)

9.1.4 Enhancement to Integration with SAP Warehouse Robotics

Business Details

With this feature, you can integrate with SAP Warehouse Robotics for enhanced warehouse order processing. That is, you can configure warehouse orders in a way that warehouse tasks are created with generic destination storage bins. Then, SAP Warehouse Robotics retrieves these orders and sends them to a fleet management system for processing. The fleet management system determines the destination storage bins for these orders based on the storage type, or the storage type and storage section.

In EWM, you configure that warehouse tasks are not created with specific destination bins. For more information about detailed configuration steps, see the [Requirements for Warehouse Tasks](#) section in [Additional Requirements in SAP EWM](#). And implement the SAP Note [3381809](#). In addition, download the latest T331 file (Storage Type Control) from EWM using the report in SAP Note [3200063](#).

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	SCM-EWM-IF (<i>Interfaces</i>)
Valid as Of	SAP S/4HANA 2022 SPS04 SAP S/4HANA 2021 SPS06 SAP S/4HANA 2020 SPS08 SAP S/4HANA 1909 SPS10

Related Information

[Determination of Destination Storage Bins by Fleet Management Systems](#)

9.1.5 Create Destination HUs When Creating an Ad Hoc Product Warehouse Task Using RF

Business Details

With this feature, you can create destination handling units (HUs) when you create an ad hoc product warehouse task using radio frequency (RF).

You can use the *F1 HUCrt* button to create an HU under the following paths using the *Test RF Environment* app:

- ▶ [Internal Process](#) ▶ [Adhoc WT Creation](#) ▶ [Create Adhoc Product WT](#) ▶
- ▶ [Internal Process](#) ▶ [Adhoc WT Creation](#) ▶ [Create and Confirm Adhoc Product WT](#) ▶

Technical Details

Type	New
Functional Localization	Not applicable

Scope Item	Not applicable
Application Component	SCM- EWM -RF (<i>Radio Frequency Processing</i>)
Valid as Of	SAP S/4HANA 2022 SPS04
	SAP S/4HANA 2021 SPS06
	SAP S/4HANA 2020 SPS08
	SAP S/4HANA 1909 SPS10

9.1.6 Check Before Setting Process Step for HU to "Completed"

Business Details

With this feature, you can define your own logic to check whether the current process step for the handling unit (HU) is ready to be set to "Completed". If not, the system can raise an error to prevent the process step from being set to "Completed".

Implementation Details

Customizing

You can add the check using the BAdI *Check Before Setting Process Step for HU to Completed* in Customizing for *Extended Warehouse Management* under ► *Business Add-Ins (BAdIs) for Extended Warehouse Management* ► *Master Data* ► *Work Center* ⌵.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	SCM- EWM -WC (<i>Work Center</i>)

Valid as Of

SAP S/4HANA 2022 SPS04

SAP S/4HANA 2021 SPS06

SAP S/4HANA 2020 SPS08

SAP S/4HANA 1909 SPS10

9.2 Delivery and Transportation

9.2.1 Delivery Management

9.2.1.1 Freight Order Assignment in Outbound Deliveries

Business Details

With this feature, you can now use freight orders as selection criterion for outbound deliveries. When creating an outbound delivery based on transportation planning, the delivery document references the related freight orders. In the result list, the first freight order assigned to the outbound delivery is displayed.

You can use freight orders as selection criterion in the *Outbound Delivery Monitor* (VL060) app.

Implementation Details

Implement SAP Note [3362379](#) or import the relevant support package.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	BD9 (Sell from Stock)
Technical Object Name	App ID: VL060
Application Component	LE-SHP-DL (<i>Delivery Processing</i>)

Related Information

[Working with the Delivery Monitor](#)

9.2.2 Transportation Management

9.2.2.1 Enhancements for Freight Order Management

With this feature, several functions in Freight Order Management have been enhanced.

Technical Details

Type	new
Functional Localization	No localization
Scope Item	Not applicable
Application Component	TM-FRM-FRO (<i>Freight Order</i>) TM-FRM-CON (<i>Consignment Order</i>)
Valid as Of	SAP S/4HANA 2022 FPS04

Additional Details

The following enhancements have been made:

- **Enablement of freight unit determination for customer returns orders**

When a consignment order is sent to announce a customer return, the receiving system of the supplier can now find the freight units that are related to the customer returns order number.

The web service [TransportationOrderGenericRequest_In](#) has been enhanced for business scope **External Planning**. The web service now supports an additional document type for inbound messages (ASN), for example, from carriers.

If the inbound message contains a customer returns order number and the type code for return orders (type code 32), the system can now find the freight units in the receiving system and assign them to the related consignment order.

The system also finds the related freight units if you manually enter a customer returns order number on the UI.

Effects on Existing Data

Effects on Data Transfer

Effects on System Administration

Effects on Customizing

Related Information

[Customer Returns: Inbound Process](#)

[Creation or Update of Consignment or Freight Orders on Inbound Messages](#)

[Advanced Shipping and Receiving](#)

9.2.2.2 Enhancement for Deliveries

With this feature, you can delete LE deliveries from Transportation Management (TM).

Technical Details

Type	Changed
Functional Localization	No localization

Scope Item	Not applicable
Application Component	TM-INT-LI-LE (<i>Integration with Logistics Execution</i>)
Valid as Of	SAP S/4HANA 2022 SPS04

Additional Details

To delete a delivery, certain requirements must be met:

- The deletion of deliveries is available in an embedded setup.
- Deliveries must originate in Logistics Execution (LE).
- Planned FUs must first be removed from their freight Order (FO).
- Finally, freight units (FU) must be delivery-based and unplanned.

Effects on Existing Data

A new button, *Delete Deliveries*, has been introduced to the *Freight Units - Worklist*.

The screenshot shows the SAP 'Freight Units - Worklist' interface. At the top, there is a navigation bar with the SAP logo and the title 'Freight Units - Worklist'. Below this is a search bar with 'All' selected and a search icon. To the right of the search bar are icons for help, notifications, and a refresh button. Below the search bar is a 'Display Settings' button. The main area of the interface is a table with columns for 'Document', 'Document ...', and 'Shippl'. The table contains several rows of data, including document numbers like 4100011450, 4100011451, 4100011452, 4100011689, 4100011690, 4100011698, 4100011699, 4100011750, 4100011751, 4100011752, 4100011753, 4100011754, and 4100011755. In the top toolbar of the table area, a button labeled 'Delete Deliveries' is highlighted with a yellow box.

Related Information

[Delivery Deletion](#)

[Creation or Update of Consignment or Freight Orders on Inbound Messages](#)

9.3 Country/Region Specifics

For country/region-specific changes, please see [What's New Viewer](#).

10 Integration

10.1 Integration with Industry Cloud Solutions from SAP

10.1.1 Business Object Data Available for Replication to Industry Cloud Solutions

Business Details

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

The list of supported entities has been enhanced as follows:

Supported Entity (Data Ingestion for Industry Cloud Solutions)	Business Object Type	Corresponding Outbound Implementation	Outbound Implementation Description
sap.cic.billofmaterial.BillOfMaterial	6112	CIC_BOM	<i>Bill of Material (Industry Cloud Solutions)</i>
sap.cic.inventory.GoodsMovementTypeCodes	3505	CIC_GDMVTP	<i>Goods Movement Type (Industry Cloud Solutions)</i>

Note

For more information about which entity versions are supported by which release, see SAP Note [3261630](#).

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	CA-ICS-INT (<i>Integration with Industry Cloud Solutions</i>)

Related Information

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

10.1.2 Enhancements for Data Change Processing

Business Details

This feature enables you to improve the organization and prioritization of your background activities during processing of changed business object data.

For the integration of SAP S/4HANA with industry cloud solutions, we enable the use of bgRFC (background Remote Function Call) destinations in order to optimize the processing of changes made to business object data. By configuring this Customizing activity, you can optimize the handling time for the assigned business object types while avoiding delays in other critical processes, such as the direct replication of specific business object data.

Implementation Details

Customizing

The Customizing activity *Assign Background RFC Destinations to Business Object Types* was added to the Customizing for *Integration with Other SAP Components* under ► *Integration with Industry Cloud Solutions* ► *Data Replication to Industry Cloud Solutions* ✎. For more information about the activity, refer to the system documentation.

Effects on Existing Data

By using bgRFC destinations, large data volumes can be efficiently processed without disrupting other activities. If no valid bgRFC destination is assigned to your business object types in the Customizing activity, changes for those business objects will be processed using standard RFC destinations, which do not have specific queues assigned to them.

Technical Details

Type

New

Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	CA-ICS-INT (<i>Integration with Industry Cloud Solutions</i>)
Valid as Of	SAP S/4HANA 2023 FPS01
	SAP S/4HANA 2022 SPS04
	SAP S/4HANA 2021 SPS06
	SAP S/4HANA 2020 SPS08

Related Information

[Assigning Background RFC Destinations to Business Object Types](#)

10.1.3 Source System Configuration

Business Details

The configuration steps for the source system have changed in data ingestion for industry cloud solutions. If you replicate business object data from SAP S/4HANA to data ingestion for industry cloud solutions for consumer industries, your action might be required to avoid process disruptions.

For information about the required configuration steps, see SAP Note [3450922](#).

Implementation Details

If you need to create an incident regarding this feature, use the component for data ingestion for industry cloud solutions: CX-DEX-DI (*Maintenance of Data Ingestion*).

Technical Details

Type	Changed
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Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	CA-ICS-INT (<i>Integration with Industry Cloud Solutions</i>)
Valid as Of	SAP S/4HANA 2022 SPS04

Related Information

[Systems](#)

10.2 Country/Region Specifics

For country/region-specific changes, please see [What's New Viewer](#).

11 Country/Region Specifics

For country/region-specific changes, please see [What's New Viewer](#).

12 Industries

12.1 Consumer

12.1.1 Agriculture

12.1.1.1 SAP Agricultural Contract Management

12.1.1.1.1 Enhanced DPQS Authorization Checks

Business Details

With this feature, you can perform enhanced DPQS authorization checks for retire, release, delete, and copy actions on DPQS schedules (value and volume). This enhancement improves security by providing authorizations for DPQS master data management on a more granular level.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	LO-AGR-APP (<i>Application and Call-off</i>)
Valid as Of	SAP S/4HANA 2022 SPS04

12.1.1.1.2 Mass Snipping of Call-Off Quantities

Business Details

With this feature, you can snip quantities from contracts in mass where the quantity assigned to the contract from the purchase/sales order exceeds the application quantity assignment. This may be executed either as a foreground or batch job.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	LO-AGR-APP (<i>Application and Call-off</i>)
Valid as Of	SAP S/4HANA 2022 SPS04

Related Information

[Mass Snip Call-Off Quantity](#)

12.1.2 Retail and Fashion

12.1.2.1 Duplicate Document Check for Sales Per Receipt in POS Inbound SOAP Services

With this feature, you can check duplicate receipt ID (External reference ID) for sales per receipt in POS inbound Sales Transaction SOAP services. With BAdI `RFM_POSI_SLS_SPR_CHECK` you can define duplicate document check rules for sales per receipt processing..

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	LO-RFM-IFC-IN-SRV (<i>Service based POS Interface - Inbound</i>)
Valid as Of	SAP S/4HANA 2022 SPS04

Related Information

[Extensibility: POS Sales Transactions - Create](#)

12.1.2.2 Analyze Change Pointers in POS Outbound Business Add-in

With this `BADI_RFM_POS_OUT_CPS` Analyze Change Pointers in POS Outbound, you can influence enriching the XML output in *DRFOUT POS* Outbound Service based on change pointer that get created depending on additional settings you have maintained for message type `WES_MERCHANDISE`.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	LO-RFM-IFC-OUT (<i>POS Interface - Outbound</i>)
Valid as Of	SAP S/4HANA 2022 SPS04

Additional Details

Configuration maintained at Transaction BD52 for message type `WES_MERCHANDISE`

Related Information



[Merchandise Data Replication in a POS System](#)

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