What's New in SAP S/4HANA 1809 SPS04

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Content

1 What's New

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

2 Asset Management

2.1 Maintenance Operations

2.1.1 Enterprise Asset Management Part 14

This business function enables you to use several enhancements for maintenance task lists, maintenance notifications, equipment and functional locations in *Plant Maintenance*.

Technical Details

Type	New
Functional Localization	Available in all countries/regions
Scope Item	BH1 (Corrective Maintenance), BJ2 (Preventive Maintenance)
Application Component	PM (Plant Maintenance)
Available As Of	SAP S/4HANA 2020
	SAP S/4HANA 1909 FPS02
	SAP S/4HANA 1809 SPS04
	SAP S/4HANA 1709 SPS06
	SAP S/4HANA 1610 SPS08
Required Business Function	Enterprise Asset Management Part 14 (LOG_EAM_CI_14)

Additional Details

For more information about the functions that are included in this business function (LOG_EAM_CI_14), see the following product feature release notes:

- Functional Location and Equipment: New Fields in Mass Change [page 6]
- Task List: Task List and Operation List [page 7]
- Maintenance Notification: Sort Codes by Description [page 8]

2.1.1.1 Functional Location and Equipment: New Fields in Mass Change

With this feature you can carry out a mass change for an enhanced number of fields when you process functional locations or equipment in the SAP GUI list transactions `IL05` and `I05`. It is possible to simultaneously process certain field contents for additional fields in the functional locations and equipment, and for customer-specific fields in multiple selected functional locations or equipment.

Technical Details

Type	New
Functional Localization	Available in all countries/regions
Scope Item	`BH1` (Corrective Maintenance), `BJ2` (Preventive Maintenance)
Application Component	`PM` (Plant Maintenance)
Available As Of	SAP S/4HANA 2020
	SAP S/4HANA 1909 FPS02
	SAP S/4HANA 1809 SPS04
	SAP S/4HANA 1709 SPS06
	SAP S/4HANA 1610 SPS08
Required Business Function	Enterprise Asset Management Part 14 (`LOG_EAM_CI_14`)

Additional Details

The additional fields, for which you can simultaneously change the content in multiple selected functional locations or equipment, are located on various tab pages that correspond to the tab pages when processing the functional locations or equipment.

In addition, you can edit values of customer-specific fields on the new tab page *Customer-Specific Data* using the mass change option. The prerequisite for editing values in customer-specific fields is that you have added the customer-specific fields to the structures `STR_TECH_CI_EQUI` and `EAMS_TE_EQUI`, and to structures

`STR_TECH_CI_IFLOT` and `EAMS_TE_IFLOT` for equipment and functional locations respectively. Additionally, you can check the validity of customer-specific fields in the enhancement implementation of the Business Add-In BAdI: *Modification of Data in BAPIs for Technical Objects*.

Related Information

Mass Changes for Equipment and Functional Locations

2.1.1.2   Task List: Task List and Operation List

With this feature you can process task lists and operations in a single list with the new SAP GUI transactions `IA38` and `IA39`. The list displays task list data and the corresponding operations data simultaneously based on the selection criteria provided.

Technical Details

Type	New
Functional Localization	Available in all countries/regions
Scope Item	`BH1` (Corrective Maintenance), `BJ2` (Preventive Maintenance)
Application Component	`PM` (Plant Maintenance)
Available As Of	SAP S/4HANA 2020
	SAP S/4HANA 1909 FPS02
	SAP S/4HANA 1809 SPS04
	SAP S/4HANA 1709 SPS06
	SAP S/4HANA 1610 SPS08
Required Business Function	Enterprise Asset Management Part 14 (`LOG_EAM_CI_14`)

Additional Details

You can display task lists and their corresponding operations in a single result list. You can specify selection criteria for both task lists as well for operations. You can display, among other fields, indicators for task list long text, and document assignment. For operations, among other fields, you can display maintenance packages

and indicators for long text, document assignments, components, production resources and tools assignments, and inspection characteristics. You can also navigate to the task list detail screen, as well as to equipment, functional location, work center and outline agreement screens.

> **i Note**
>
> Configurable and hierarchical task lists are excluded from the result list.

Related Information

[Processing Maintenance Task Lists](#)

2.1.1.3 Maintenance Notification: Sort Codes by Description

With this feature you can sort codes by description within catalog selection in notifications. It is possible to sort all codes with a new button, by description, or again by code. This feature is available for all code group selection fields, like items, causes, tasks, and activities. Code groups are not affected and will not be sorted.

Technical Details

Type	New
Functional Localization	Available in all countries/regions
Scope Item	BH1 (Corrective Maintenance), BJ2 (Preventive Maintenance)
Application Component	PM (Plant Maintenance)
Available As Of	SAP S/4HANA 2020
	SAP S/4HANA 1909 FPS02
	SAP S/4HANA 1809 SPS04
	SAP S/4HANA 1709 SPS06
	SAP S/4HANA 1610 SPS08
Required Business Function	Enterprise Asset Management Part 14 (LOG_EAM_CI_14)

Related Information

2.1.2 Simplified Management of EAM Functions 13

The *Simplified Management of EAM Functions 13* (`LOG_EAM_SIMPLICITY_13`) business function enables you to use six additional text buttons and describe maintenance order operations and components in more detail when 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` (Plant Maintenance)
Available As Of	SAP S/4HANA 2020
	SAP S/4HANA 1909 FPS02
	SAP S/4HANA 1809 SPS04
	SAP S/4HANA 1709 SPS06
	SAP S/4HANA 1610 SPS08
Required Business Functions	Enterprise Asset Management Part 13 (`LOG_EAM_CI_13`)
	Simplified Management of EAM Functions 12 (`LOG_EAM_SIMPLICITY_12`)

Additional Details

For more information about the functions that are included in this business function (`LOG_EAM_SIMPLICITY_13`), see the following product feature release note:

- Maintenance Order: Additional Long Texts [page 10]

Related Information

2.1.2.1 Maintenance Order: Additional Long Texts

With this function, you can add additional long texts for order operations and non-stock materials that you enter as components. If you process maintenance orders on the SAP Web UI for Plant Maintenance and order services or non-stock materials externally, the system creates a purchase requisition and copies remarks, notes and comments from the maintenance order to the purchase requisition.

Technical Details

Type	New
Functional Localization	not applicable
Scope Item	BH1 (Corrective Maintenance), BJ2 (Preventive Maintenance)
Application Component	PM (Plant Maintenance)
Available As Of	SAP S/4HANA 2020
	SAP S/4HANA 1909 FPS02
	SAP S/4HANA 1809 SPS04
	SAP S/4HANA 1709 SPS06
	SAP S/4HANA 1610 SPS08
Required Business Function	Simplified Management of EAM Functions 13 (LOG_EAM_SIMPLICITY_13)

Additional Details

For each order operation and each component, you can enter up to three additional long texts. The relevant buttons to open the text editor are available in the tables on the tab pages *Operation Data* and *Materials*. If you enter services as operations, you can enter the long texts on the *External Data* tab page. You can also display existing long texts as a quick view by moving the mouse over the relevant icon in the table. When copying order operations or materials, long texts that have been entered are also copied.

In the SAP standard system, the three additional texts are designated by *Remark*, *Note* and *Comment*. You can make settings to adjust the text label on the buttons, the column headings in the tables and the corresponding tooltips to suit your individual requirements.

When the system creates a purchase requisition for externally-procured services or non-stock material, the corresponding long texts are displayed on the *Texts* tab page. Whether you can merely display the texts in the purchase requisition or also change and print them depends on your Customizing settings for *Materials Management*.

> **i Note**
>
> When you create a new order with a template or reference to another, the remarks, notes and comments that you have entered are copied to the new order if you have also selected the *Order Descriptions* checkbox in addition to the *Operations* and *Components* checkboxes.

Effects on Existing Data

In the operation and component table, the SAP standard system provides the three new table columns *Note*, *Remark* and *Comment* By clicking on the text symbol in the respective columns, you can enter, change and display long texts.

If you enter services as operations, you can edit and display the long texts directly on the *External Data* tab page. To do this in the SAP standard set-up, you can use the three new pushbuttons *Note*, *Remark* and *Comment*.

These texts are displayed on the *Texts* tab page in the purchase requisition.

Effects on Customizing

If you want long texts that you created in the maintenance order to be displayed in the purchase requisition, you must make the appropriate settings in Customizing for *Materials Management* under ▶ *Purchasing* ❯ *Purchase Requisition* ❯ *Texts for Purchase Requisitions* ❯ *Define Copying Rules* ◀ to specify which text types from the maintenance order should be mapped to which text types in the purchase requisition. In addition, you can use the fixing indicator to determine whether copied texts in the purchase requisition can changed and printed or not.

Related Information

Copying Long Texts to Purchase Requisitions

2.1.3 Simplified Management of EAM Functions 14

This business function provides you with enhanced features for processing maintenance items and 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 (Plant Maintenance)
Available As Of	SAP S/4HANA 2020
	SAP S/4HANA 1909 FPS02
	SAP S/4HANA 1809 SPS04
	SAP S/4HANA 1709 SPS06
	SAP S/4HANA 1610 SPS08
Required Business Functions	Enterprise Asset Management Part 13 (LOG_EAM_CI_13)
	Simplified Management of EAM Functions 13 (LOG_EAM_SIMPLICITY_13)

Additional Details

For more information about the functions that are included in this business function (LOG_EAM_SIMPLICITY_14), see the following product feature release note:

- Maintenance Item: Assigning Causes and Reasons Documents [page 13]

Related Information

Simplified Management of EAM Functions 14

2.1.3.1 Maintenance Item: Assigning Causes and Reasons Documents

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

Technical Details

Type	New
Functional Localization	Available in all countries/regions
Scope Item	BH1 (Corrective Maintenance), BJ2 (Preventive Mainte-nance)
Application Component	PM (Plant Maintenance)
Available As Of	SAP S/4HANA 2020
	SAP S/4HANA 1909 FPS02
	SAP S/4HANA 1809 SPS04
	SAP S/4HANA 1709 SPS06
	SAP S/4HANA 1610 SPS08
Required Business Function	Simplified Management of EAM Functions 14 (LOG_EAM_SIMPLICITY_14)

Additional Details

Using the *Maintenance Plan* or *Maintenance Item* application, you can assign documents by assigning cause codes or reason codes to a maintenance item. Using transaction QS41, you can assign a document to a catalog code and that catalog code can be assigned to a reason or a cause.

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

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

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

You can search for maintenance plans or maintenance items using the document info record or reason/cause codes assigned to them, using the *Maintenance Plan and Maintenance Item List* on the SAP Web UI for Plant Maintenance.

Effects on Customizing

You can define maintenance plan types/categories in ▶ *SAP Customizing Implementation Guide* ❯ *Plant Maintenance and Customer Service* ❯ *Maintenance Plans, Work Centers, Task Lists and PRTs* ❯ *Maintenance Plans* ❯ *Set Maintenance Plan Categories* ◀.

You can define the origin of the cause and reason details assigned to the maintenance item in ▶ *SAP Customizing Implementation Guide* ❯ *Plant Maintenance and Customer Service* ❯ *Maintenance Plans, Work Centers, Task Lists and PRTs* ❯ *Maintenance Plans* ❯ *Define Origin of Maintenance Item* ◀.

Related Information

Maintenance Plan
Maintenance Plan and Maintenance Item List

3 Finance

3.1 Accounting and Financial Close

3.1.1 Revenue Accounting and Reporting

3.1.1.1 Search for and Display Changes Made to Revenue Accounting Contracts

This feature enables you to search for and display all changes made to revenue accounting contracts and their assigned performance obligations (POB). The new report *Contract and POB Change History* (transaction `FARR_CONTR_HIS`) provides you with detailed information regarding changes on contract and POB level, such as the change date/ time or the individual tables and fields that were subject to changes.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`FI-RA-VAL` (Revenue Accounting Validation)
Available As Of	SAP S/4HANA 1809 SP04

More Information

- ○ For more information about the *Contract and POB Change History* report, see SAP Note 2835924🔧
- System documentation of the report.

3.2   Treasury Management

3.2.1 Cash and Liquidity Management

3.2.1.1   Editing Function and Change History in Flexible Workflows for Bank Account Management

You can now enable the editing function and change history for workflow processes based on the flexible workflows, for example workflows based on the workflow template `WS7850050`. With this feature, approvers can make the necessary changes before they approve a request. Changes are recorded in the new *Change History* tab for future reference.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	J77 (Advanced Bank Account Management)
Application Component	FIN-FSCM-CLM-BAM
Available As Of	SAP S/4HANA 1809 SPS04

Additional Details

To enable the editing function and the change history, use the Business Add-In *BAdI: Field Status Control for Bank Accounts in Flexible Workflows*. With this BAdI, you can create your own implementations to define field statuses for fields in bank accounts in a certain workflow process. After an implementation is created and saved, approvers will be able to see and use the *Edit* button to edit bank accounts that are in workflow processes.

For more information about the BAdI, see the BAdI documenation.

You can find the BAdI from the *Custom Fields and Logic* app, or from Customizing under ▶ *Financial Supply Chain Management* ❯ *Cash and Liquidity Management* ❯ *Bank Account Management* ❯ *Business Add-Ins (BAdIs)* ◀.

Related Information

App Extensibility: Manage Bank Accounts

4 Manufacturing

4.1 Quality Management

4.1.1 Quality Management: Small Enhancements as Part of Customer Connection Program 2019

Improvements in the *Quality Management* 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

Improvement Details

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
QM-CA (*Quality Certificates*)	Document Management System Object Link to Quality Certificates in Good Receipt	S4CORE 103	New	222750	2792257
QM-PT-RP (*QM Control in Logistics*)	Mass Change of Status of Quality Information Records Using Report RQBAAM60	S4CORE 103	New	219210	2845043
QM-QN (*Quality Notifications*)	Reset Task Status from *Completed* to *Released*	S4CORE 103	New	224804	2840136
QM-QN (*Quality Notifications*)	Display Change Documents of Fields in QMEL Table in Action Log	S4CORE 103	New	223416	2795403

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
QM-PT-RP (*QM Control in Logistics*)	*Status reached* and *Status desired* Added to ALV in Transation QI06 for Quality Information Records	S4CORE 103	New	219201	2842313
QM-IM (*Quality Inspection*)	Digital Signature for Usage Decision and Results Recording Based on Inspection Type, Inspection Lot Origin, Material or Plant	S4CORE 103	New	219209	2813376
QM-IM (*Quality Inspection*)	Availability of Generic Object Services (GOS) in Archived Inspection Lots	S4CORE 103	New	220696	2818729
QM-QN (*Quality Notifications*)	Display Document Flow as a List From a Notification	S4CORE 103	New	219202	2829421

Functional Localization: Not applicable.

More Information

For more information about Customer Influence, see http://influence.sap.com

5 R&D/Engineering

5.1 Enterprise Portfolio and Project Management

5.1.1 SAP Portfolio and Project Management

5.1.1.1 Project Management

5.1.1.1.1 Printing in Gantt Chart Based on SAPUI5 Technology

With this feature, the Gantt chart based on SAPUI5 technology provides an option to print a Gantt chart visualization by generating a file in PDF format.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PPM-PRO (Project Management)
Available As Of	SAP S/4HANA 1809 SPS04

More Information

For more information, in particular on the differences between the Gantt chart based on SAPUI5 technology and the Gantt chart based on Java Plug-In technology (including changed or not supported functions), see Alternative Gantt Chart based on SAPUI5 Technology and SAP Note 2645827 .

5.1.1.1.2 Project Status Reports Without Interactive Forms

With this feature, you can generate project status reports without using Interactive Forms (as an alternative to the already existing option to use Interactive Forms for creating project status reports). After you have entered

your data via the Web Dynpro user interface, you generate the project status report as a non-editable PDF document.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PPM-PRO (Project Management)
Available As Of	SAP S/4HANA 1809 SPS04

Effects on Customizing

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

Area	Setting Name	Description	Setting Value
0006	0064	Project Status Report With-out Interactive Forms ('X'=Activated, ' '=Deacti-vated)	X

More Information

For more information, see SAP Note 2850870 .

Related Information

Project Status Reports Without Interactive Forms

5.1.1.1.3 Approval Documents Without Interactive Forms

With this feature, you can generate approval documents for phases without using Interactive Forms (as an alternative to the already existing option to use Interactive Forms for creating approval documents). After you

have entered your data via the Web Dynpro user interface, you generate the approval document as a non-editable PDF document.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PPM-PRO (Project Management)
Available As Of	SAP S/4HANA 1809 SPS04

Effects on Customizing

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

Area	Setting Name	Description	Setting Value
0006	0065	Approval Documents Without Interactive Forms ('X'=Activated, ' '=Deactivated)	X

More Information

For more information, see SAP Note 2850870 .

Related Information

Approval Documents Without Interactive Forms

5.1.1.1.4   Note Printing Without Interactive Forms

With this feature, you can print notes without using Interactive Forms. After choosing the corresponding print function, the system generates a PDF document and displays it in a separate window.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PPM-PRO (Project Management)
Available As Of	SAP S/4HANA 1809 SPS04

Effects on Customizing

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

Area	Setting Name	Description	Setting Value
0006	0067	Note Printing Without Inter-active Forms ('X'=Activated, ' '=Deactivated)	X

More Information

For more information, see SAP Note 2879652 .

Related Information

Notes

5.1.1.1.5   Fact Sheet Printing Without Interactive Forms

With this feature, you can print fact sheets without using Interactive Forms. After choosing the corresponding print function, the system generates a PDF document and displays it in a separate window.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	PPM-PRO (Project Management)
Available As Of	SAP S/4HANA 1809 SPS04

Effects on Customizing

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

Area	Setting Name	Description	Setting Value
0006	0068	Fact Sheet Printing Without Interactive Forms ('X'=Activated, ' '=Deactivated)	X

More Information

For more information, see SAP Note 2879652 .

Related Information

Printing an Object

5.1.2 Project System: Small Enhancements as Part of Customer Connection Project 2019

Improvements in the *Project System* 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

Improvement Details

Application Component	Improvement Description	Software Component	Product Features are (New/ Changed)	Improvement Request ID	SAP Note
PS-ST (*Structures*)	Display Details of User who is Currently Editing Project or WBS Element	S4CORE 103	New	219331	2804521
PS-ST-INT (*Interface to External Project Software*)	Mass Change of Customer Include Fields for Projects and WBS Elements Using Transaction CNMASS	S4CORE 103	New	220768	2764773
PS-ST (*Structures*)	Display Detailed User Information for *Created By* and *Changed By* Fields in the *Administration* tab of CJ* Transactions	S4CORE 103	New	221412	2777954
PS-IS-LOG (*Logistics*)	Add *Network Description* as an Available Field in the *Choose Layout* in Transactions CN47N, CNS47, and CN47	S4CORE 103	New	224293	2775004

Application Component	Improvement Description	Software Component	Product Features are (New/ Changed)	Improvement Request ID	SAP Note
CO-OM-CCA-B (*Planning*)	Enable Copy of Whole Project Regardless of Project Element Status when Using Transactions CJ9B and CJ9BS	S4CORE 103	New	220769	2769756
PS-ST (*Structures*)	Display the Remaining Duration and the Remaining Work in the Activity Overview and Detail Screens	S4CORE 103	New	224296	2787544
PS-ST (*Structures*)	Select Activities from a Standard Network During Activity Copy Using Transaction CJ20N	S4CORE 103	New	224319	2861976
PS-CON (*Confirmation*)	Ability to Deactivate the Automatic Calculation of the Actual Work with the Forecast Value is Reduced	S4CORE 103	New	224227	2800858

Functional Localization: Not applicable.

More Information

For more information about Customer Influence, see http://influence.sap.com

5.2 Integrated Product Development for Process Industries

5.2.1 Recipe Development: Small Enhancements as Part of Customer Connection Program 2019

Improvements in *Recipe Development* 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

Improvement Details

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
PLM-WUI-APP-SEA (*Search*)	Integration of Plant Field in Advanced Search for Material	S4CORE 103	New	224073	2814685
PLM-WUI-RCP-LBL (*Labeling*)	Excluding Combined Ingredients from Label Draft	S4CORE 103	New	222567	2801010
PLM-WUI-APP-SEA (*Search*)	Multiple Selection in Input Fields for Searching Recipes	S4CORE 103	New	223823	2817178
PLM-WUI-RCP-SPE (*Specification*)	Mass Specification Inheritance	S4CORE 103	New	221636	2865838

Functional Localization: Not applicable.

More Information

For more information about Customer Influence, see http://influence.sap.com

5.2.2 Filter to Display Objects That Are Not Posted Correctly

This feature enables you to filter objects to display only the ones with posting errors using the *Filter objects with errors* button.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Components	CA-GTF-UPS (*Uniform Packaging Service*)

More Information

This improvement is based on a proposal submitted by customers through the Customer Influence program for the 2019 Customer Connection project for Product Lifecycle Management. For more information, see Improvement Request ID 225018 and SAP Note 2788474.

5.3 Bills of Material: Small Enhancements as Part of Customer Connection Program 2019

Improvements in the *Bill of Material* 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

Improvement Details

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
`LO-MD-BOM` (*Bill of Material*)	Show Only Plants Related to BOM in F4 Help	`S4CORE 103`	New	212572	2822375
`LO-MD-BOM` (*Bill of Material*)	Save and Delete User Specific Settings in BOM Comparison (Transaction `CS14`)	`S4CORE 103`	New	219242	2777897
`LO-MD-BOM` (*Bill of Material*)	Display Enhanced BOM Explosion Fields	`S4CORE 103`	New	220490	2857457
`LO-MD-BOM` (*Bill of Material*)	Clear Histk Flag if Previously Set by the Same Change Number in BOM When Using Transaction `CCUNDO`	`S4CORE 103`	New	223751	2860568

Functional Localization: Not applicable.

More Information

For more information about Customer Influence, see http://influence.sap.com

5.4   Material Master: Small Enhancements as Part of Customer Connection Program 2019

Improvements in the *Material Master* 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

Improvement Details

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
LO-MD-MM (*Material Master*)	Maintain Initial Fixed Values as Blank in the MRP Profile	S4CORE 103	New	220494	2833929
LO-MD-MM (*Material Master*)	Display Change Documents for the Material Master in List Viewer	S4CORE 103	New	221452 220668	2818726
LO-MD-MM (*Material Master*)	Forward Navigation from Materials or Articles List to Display Material Master or Article Master	S4CORE 103	New	220499	2829780

Functional Localization: Not applicable.

More Information

For more information about Customer Influence, see http://influence.sap.com

5.5   Keep Original Item Number of BOM

This feature enables you to keep item numbers from the template BOM when copying BOM items to a new BOM

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Components	`PLM-WUI-OBJ-BOM` (*Material BOM*)
Available as of	`SAP S/4HANA 1809 SP04`

More Information

This improvement is based on a proposal submitted by customers through the Customer Influence program for the 2019 Customer Connection project for Product Lifecycle Management. For more information, see Improvement Request ID 221739 ⚓ and SAP Note 2844748 ⚓.

5.6   Utilize Variants in The Process Route Report

This feature enables you to save and utilize previously saved variants when you're using the Process Route Report.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable

Application Components	`CA-EPT-PRO` (*Process Route Report*)
Available as of	`SAP S/4HANA 1809 SP03`

More Information

This improvement is based on a proposal submitted by customers through the Customer Influence program for the 2019 Customer Connection project for Product Lifecycle Management. For more information, see Improvement Request ID 221830 and SAP Note 2777444 .

5.7 Synchronize Source BOM to Multiple Target BOMs

This feature enables you to synchronize a source BOM to multiple target BOMs using one synchronization unit. You can add additional target BOMs to the synchronization unit on the *Additional Target BOMs* tab in the GSS planning interface.

Conflict handling has also been enhanced so that during the initial synchronization, if only one synchronization unit is synchronized, the items of the source BOM can be created or assigned in all loaded target BOMs.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Components	`PLM-WUI-APP-GSS-E2M` (*Engineering BOM to Manufacturing BOM*)
Available as of	`SAP S/4HANA 1809 SP04`

Effects on Customizing

To activate the *Additional Target BOMs* tab, you set the value of the parameter `GSSB2B_MAINT_ADD_TARGETS` to **2**.

To activate the enhanced conflict handling, you set the value of the parameter `GSSB2B_EXISTING_BOM_IS_ON` to **T**.

You set both the `GSSB2B_MAINT_ADD_TARGETS` and `GSSB2B_EXISTING_BOM_IS_ON` parameters in the *Additional Settings* Customizing under ▶ *Logistics - General* ❭ *Product Lifecycle Management (PLM)* ❭ *PLM Web User Interface* ❭ *PLM Web Applications* ❭ *Guided Structure Syncronization* ❭

More Information

This improvement is based on a proposal submitted by customers through the Customer Influence program for the 2019 Customer Connection project for Product Lifecycle Management. For more information, see Improvement Request ID 223261 and SAP Note 2748854 .

5.8   Outbox for Process Route Workflows

This feature enables you to see all of the workflows that you've already started. In the PLM *Work Overview*, you can use the *Outbox* query listed in the *Active Queries* to list your workflows. When you select one of these workflow line items, the task details open below the outbox. If you choose the query subject, a new window opens with the object characteristics.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Components	`CA-EPT-PRO` (*Process Route*)
Available as of	`SAP S/4HANA 1809 SP03`

More Information

This improvement is based on a proposal submitted by customers through the Customer Influence program for the 2019 Customer Connection project for Product Lifecycle Management. For more information, see Improvement Request ID 224761 and SAP Note 2777513 .

5.9 Reverse Sort Order

This feature enables you to choose between an ascending or descending sort order using a *Sort Order* button in the search results view.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Components	`PLM-WUI-APP-SEA` (*Search*)
Available as of	`SAP S/4HANA 1809 SP03`

More Information

This improvement is based on a proposal submitted by customers through the Customer Influence program for the 2019 Customer Connection project for Product Lifecycle Management. For more information, see Improvement Request ID 224762 and SAP Note 2816612.

6 Supply Chain

6.1 Warehouse Management

6.1.1 Enhancements to the Change Stock Type Report

With this feature, you can use the *Change Stock Type* (`/SCWM/R_STOCK_TYPE_CHANGE`) report in the following ways:

- To group stock by material number, therefore creating one queue entry per material so that an error for one material doesn't stop processing the change stock type for all other materials
- To select stock that you want to update based on the goods receipt date so that you can, for example, ensure that stock isn't for sale as soon as it reaches a certain shelf life

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`SCM-EWM-WOP` (Warehouse Order Processing)
Available As Of	SAP S/4HANA 1809 SPS04

Additional Details

This feature is also available in the following releases:

- SAP S/4HANA 2020
- SAP S/4HANA 1909 Feature Package Stack 2
- SAP S/4HANA 1709 Support Package Stack 6

6.1.2 Prevention of Calls to the Post Processing Framework for Printing Handling Unit Documents

With this feature, you can prevent Extended Warehouse Management (EWM) from calling the Post Processing Framework (PPF) for a handing unit (HU) when it won't trigger a PPF action (PPF action profile /SCWM/HU). That is, when an HU is processed and you don't want to print HU documents. You then improve system performance by limiting unnecessary calls to the PPF.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	SCM-EWM-PRN (Print)
Available As Of	SAP S/4HANA 1809 SPS04

Additional Details

This feature is also available in the following releases:

- SAP S/4HANA 2020
- SAP S/4HANA 1909 Feature Package Stack 2
- SAP S/4HANA 1709 Support Package Stack 6

Effects on Customizing

You prevent EWM from calling the PPF to print HU documents in Customizing for *Extended Warehouse Management* under ▶ *Business Add-Ins (BAdIs) for Extended Warehouse Management* ❯ *Cross-Process Settings* ❯ *Handling Units* ❯ *Basics* ❯ *Print* ❯ *BAdI: Prevention of Call to PPF for HU Printing* ◗.

6.1.3 Enhancements to Production Processes

With this feature, the following enhancement is available:

- You can manually release a partial quantity of stock that has been staged for a production material request (PMR).

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`SCM-EWM-DLP-BF-SRV` (Services)
Available As Of	SAP S/4HANA 1809 SPS04

Related Information

Staging for Production

6.1.4 Order-Based Replenishment with Batches

With this feature, the system considers the requested batches in open outbound delivery orders when performing order-related replenishment. This means that the replenishment quantities that the system proposes are more accurate, and the system provides the requested batches for picking.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`SCM-EWM-WOP` (Warehouse Order Processing)
Available As Of	SAP S/4HANA 1809 SPS04

Additional Details

The system rounds up to multiples of the replenishment quantity for each batch.

The system checks the maximum quantity allowed for each bin against the sum of all batches of the product during replenishment run. If several batches are requested in open outbound delivery orders, it is possible that replenishment is not triggered for all of them.

Batch determination in outbound deliveries is not supported by order-based replenishment.

6.2   Delivery and Transportation

6.2.1 Transportation Management

6.2.1.1   Archiving One-Time Locations

The new archiving object `/SCMB/OTL` allows you to archive and delete one-time locations.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not appliable
Application Component	`TM-MD (Master Data); SCM-BAS-MD-LO (Location)`
Available As Of	SAP S/4HANA 1809 SP04

Additional Details

Location data is not archived together with the business documents that use these locations. When you delete locations, location data is lost in archived business documents. For one-time locations, we recommend to use the new archiving object `/SCMB/OTL`.

This feature is also available in SAP S/4HANA 1709 006.

Related Information

Archiving One-Time Locations (SCM-BAS-MD-LO)

7 Cross Components

7.1 Application Platform and Infrastructure

7.1.1 SAP HANA Transport for ABAP for SAP HANA Deployment Infrastructure (HTA for HDI) (Changed)

With this feature, you can now:

- Use transaction `SCTS_AMHC` to create ABAP-managed HDI containers in a registered ABAP prefix namespace.
- Set references to logical AFL (Application Function Library) schemas in ABAP-managed HDI containers. This enables developers to use AFL functions of SAP HANA in HDI objects that are consumed by ABAP objects.
- Use the standard ABAP tools to translate and transport texts of calculation views created in ABAP-managed HDI containers.

See: HTA for HDI

7.2 Document Management: Small Enhancements as Part of Customer Connection Project 2019

Improvements in the *Document Management* 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

Improvement Details

Application Component	Improvement Description	Software Component	Product Features are (New/ Changed)	Improvement Request ID	SAP Note
CA-DMS (*Document management*)	Refresh Document Info Record in Transaction `CV03N`	`S4CORE 103`	New	220153	2820660

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
CA-DMS (*Document management*)	Increased Document Status Log Field in Document Info Record	S4CORE 103	New	220609	2810436
CA-DMS (*Document management*)	Maintain Descriptions for Originals in Language of Choice	S4CORE 103	New	220448	2866612

Functional Localization: Not applicable

More Information

For more information about Customer Influence, see http://influence.sap.com

7.3 Classification System: Small Enhancements as Part of Customer Connection Project 2019

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

Improvement Details

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
CA-CL-CL (*Classification*)	Display of Change Documents in ALV Table Using Report RCL_DISPLAY_CHANGE_DOCS	SAP_ABA 75D SP03	New	219775	2789365

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
CA-CL (*Classification*)	Adjusting the Value Assignment of a Characteristic at Runtime	SAP_ABA 75D SP03	New	219777	2821800
CA-CL-CL (*Classification*)	Deactiviation of Customizing Classitication	SAP_ABA 75D SP04	New	203011	2847908
CA-CL (*Classification*)	Assign Additional Classes to an Object Automatically Using BAdI CACL_CLASSES_TO_OBJECT	SAP_ABA 75D SP03	New	219776 219781	2813393
CA-CL (*Classification*)	Call a Dialog Box to Show Details for a Characteristic Using BAdI CACL_OPEN_VALUE	SAP_ABA 75D SP04	New	219771	2858913
CA-CL (*Classification*)	Documentation for Characterisitc and Documentation for Value Columns Added in Classification Screens	SAP_ABA 75D SP03	New	219779	2855944
CA-CL (*Classification*)	Show Group of Characteristics as Section in the Main List of Characteristics on the Valuation Screen	SAP_ABA 75D SP03	New	219773	2847122

Functional Localization: Not applicable.

More Information

For more information about Customer Influence, see http://influence.sap.com

7.4 Variant Configuration: Small Enhancements as Part of Customer Connection Project 2019

Improvements in the *Variant Configuration* 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

Improvement Details

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
`LO-VC-VTA` (*Variant Tables*)	Check Variant Table for Uniqueness if no Key Fields are Defined	`SAP_ABA 75D SP04`	New	221190	2822398
`LO-VC-VTA` (*Variant Tables*)	Input Help (F4) Added in `RCU_UPLOAD_EXCEL_TO_VTAB`	`SAP_ABA 75D SP03`	New	219243	2776318
`LO-VC-DEP` (*Object Dependency*)	Navigation to Display Object Dependencies and Where Used List from `RCU_FIND_STRING_IN_DEP` Report Results (Transaction `CU06`)	`SAP_ABA 75D SP03`	New	220507	2780414
`LO-VC-PME` (*Product Modeling Engine*)	Highlight Duplicate Entries Within a Variant Table in the PMEVC	`S4CORE 103`	New	220513	2836933
`LO-VC-PME` (*Product Modeling Engine*)	Maintenance of Button Title for Interface Design in the PMEVC	`S4CORE 103`	New	223391	2836190

Functional Localization: Not applicable.

More Information

For more information about Customer Influence, see http://influence.sap.com

8 Industries

8.1 Energy & Natural Resources

8.1.1 Utilities

8.1.1.1 SAP Waste & Recycling

8.1.1.1.1 Billing of Container Rentals for Past and Future Billing Periods

You can use this feature to process the invoicing of container rentals as follows:

- Choose between date-specific billing periods (monthly, quarterly, semi-annually, annually).
- Use background processing to reduce manual effort.
- Configure customer-specific contract conditions, such as rent-free days.
- Process billing of container rentals for billing periods in the future.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	IS-U-WA
Available As Of	SAP S/4HANA 1809 FPS04

Additional Details

You can use the transaction `EWACONTRENTCONF` to configure settings such as background processing, rental materials and sales areas.

You can use the transaction `EWACONTRENTCANCEL` to cancel the billing of container rentals and delete the created debit memo requests,

Effects on Customizing

Open the transaction `EWACONTRENTCUST` to access the Customizing settings for container rental billing.

You make these Customizing settings for container rental billing under ▶ *Sales and Distribution* ▶ *Master Data* ▶ *Business Partners* ▶ *Customers* ▶ *Sales* ▶ *Define Reserve Fields in Customer Master* ▶.

8.1.1.1.2 Export Function for the Operations Log

To comply with the ordinance for specialized waste management companies, technical supervisory organizations and waste management associations (German abbreviation *EfbV* for *Entsorgungsfachbetriebsverordnung*), this feature for the operations log provides a function for exporting and signing the entire content in a format of your choice.

Furthermore, this feature enables you to sign the workload. The signature component itself is not part of this feature. However, it can be quickly and easily implemented using the API provided.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	IS-U-WA
Available As Of	SAP S/4HANA 1809 FPS04

Additional Details

The standard version will provide a PDF template as a smart form that can be modified. Your own development can also add additional export formats. A separate electronic output will be generated for each waste disposal facility.

8.2   SEM - Strategic Enterprise Management

8.2.1 Business Consolidation (SEM - BCS)

8.2.1.1   Assignment of Document Types for Balance Carry Forward in SEM-BCS

This feature allows you to assign an automatic source document type to a manual target document type for balance carryforwards in *Business Consolidation (SEM-BCS)*.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`FIN-SEM-BCS-CSF-CF` (Balance Carry Forward)
Available As Of	SAP S/4HANA 1809 SPS04
Required Business Function	Financials, Group Close, Assets Held for Sale (`FIN_ACC_GC_ASTHFS`)

Additional Details

In the consolidation workbench, you can assign manual source document types to automatic target document types for balance carryforwards. When you execute the balance carryforward, the system replaces the source document type used to post the data records to be carried forward in the previous year with the target document type in the data records carried forward. The attributes (such as the posting level) for the source and target document types must be identical.

You can now assign an automatic source document type to a manual target document type in the *Process View* of the consolidation workbench under ▶ *Consolidation Functions* ❯ *Balance Carry Forward* ❯ *Document Type Assignment* ❯.

See Also

- SAP Note 2889415

Related Information

Document Type Assignment for Balance Carryforwards

8.2.1.2 Archiving Performance Statistics Using BCS_STAT

With this feature, you can archive `SEM-BCS` (Business Consolidation) performance statistics using archiving object `BCS_STAT` to free up database space.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Application Component	`FIN-SEM-BCS-INF` (Infrastructure)
Available As Of	SAP S/4HANA 1809 SPS04
Required Business Function	`ILM` (*Information Lifecycle Management*)

Additional Details

SAP delivers various program variants for archiving object `BCS_STAT`:

- You can use report `UC_STAT_WRI` to archive performance statistics.
- You can use report `UC_STAT_REL` to retrieve archived data from the archive files and load the data back into the productive system.
- You can use report `UC_STAT0` to display archived performance statistics.
- You can use report `UC_STAT_DEL` to delete performance statistics.

For more information, refer to the system documentation for each report.

See Also

For more information, see SAP Note 2837907 .

Related Information

[Archiving Performance Statistics Using BCS_STAT]

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