



What's New | PUBLIC

Document Version: 1.0 – 2022-11-11

What's New in SAP S/4HANA Cloud 2208.2

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1 What's New

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

2 Change History

Date	Change
October 26, 2022	Preliminary version
November 7, 2022	The following What's New information has been updated: <ul style="list-style-type: none">• ODATA API: Inbound Delivery (A2X) [page 74]
November 11, 2022	Version for Release to Customer The following What's New information has been updated: <ul style="list-style-type: none">• Value Mappings EXCLUDE_LINE_ITEM_GL and GET_COUNTRY_CODE for Electronic Documents [page 92] (previously called <i>Value Mapping EXCLUDE_LINE_ITEM_GL for Electronic Documents</i>)
November 29, 2022	The following What's New information has been updated: <ul style="list-style-type: none">• Objects Released for Developer Extensibility in Quality Management [page 45]
December 8, 2022	The following What's New information has been added: <ul style="list-style-type: none">• Electronic Document Processing [page 100]

3 Set Up Your SAP S/4HANA Cloud

3.1 Mark a Field as Optional within a Test Data Container Variant

You can now mark a field within a variant as optional using the [Optional](#) toggle. By marking a field as optional, it is not mandatory to maintain values to that field.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Preparation Required	No
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div>i Note For more information, see Overview of Software and Content Upgrade.</div>	
Application Component	CA-CTT-S4C-TDC (CTT-Customer Test Tool, S4C-START for S4HANA CE, TDC-Test Data Container)
Valid as Of	SAP S/4HANA Cloud 2208.2

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Frequently Asked Questions: SAP S/4HANA Cloud Test Automation Tool](#)

4 Asset Management

4.1 Maintenance Management

4.1.1 CDS Views in Maintenance Management

The CDS views `I_MaintenancePlanCatParam` ([Maintenance Plan Category Parameter](#)) and `I_MaintenancePlanCatParamT` ([Maintenance Plan Category - Text](#)) allow you to perform data extraction.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	BJ2 (Preventive Maintenance) 4HI (Proactive Maintenance) 4X5 (Recurring Services)
Technical Object Name	CDS Views: <code>I_MaintenancePlanCatParam</code> and <code>I_MaintenancePlanCatParamT</code>
Preparation Required	No
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div>i Note For more information, see Overview of Software and Content Upgrade.</div>	
Application Component	PM-PRM-TL (Maintenance Task Lists)
Valid as Of	SAP S/4HANA Cloud 2208.2

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under <https://support.sap.com/>

[content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx](#) for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Maintenance Plan Category Parameter](#)
[Maintenance Plan Category - Text](#)

4.1.2 Objects Released for Developer Extensibility in Maintenance Management

With the objects released in Maintenance Management, you have access to data from SAP S/4HANA Cloud when building custom applications or extensions with developer extensibility. You can integrate the released objects in your custom code or extend them at predefined extension points. Depending on your use case, different object types are provided (such as BADIs, CDS views, RAP business objects). You find all the released objects in the ABAP Development Tools (ADT), when you're connected to your SAP S/4HANA Cloud system.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	BH1 (Corrective Maintenance) BH2 (Emergency Maintenance) BJ2 (Preventive Maintenance) 4HI (Proactive Maintenance) 4HH (Reactive Maintenance)
Technical Object Name	See the table below
Preparation Required	No

Relevant If You Have a 3-System Landscape: No

Latest Reference Content Version Required

Note

For more information, see [Overview of Software and Content Upgrade](#).

Valid as Of

SAP S/4HANA Cloud 2208.2

Additional Details

The following table summarizes the objects that have been added, changed or deprecated for developer extensibility with the current release.

Note

This feature is only available in a 3-system landscape. For information about system landscapes, see: [System Landscapes in SAP S/4HANA Cloud](#).

Objects Added, Changed, or Deprecated for Developer Extensibility

Object Type	End-User Name	Technical Name	Type	Details	Application Component
RAP business object	Maintenance Task List Operation Material	I_MaintTaskListOpMaterial	Changed	<p>With this RAP business object, you can now retrieve maintenance task list operation material.</p> <p>Furthermore, this RAP business object is now extensible. In the Custom Fields app, key users can add their own custom fields and then use them in this RAP business object.</p>	PM (Plant Maintenance)

Object Type	End-User Name	Technical Name	Type	Details	Application Component
RAP business object	Scheduled Calls for Maintenance Plan	I_MaintenancePlanSchedule	Changed	<p>This RAP business object is now extensible. In the</p> <p>Custom Fields</p> <p>app, key users can add their own custom fields and then use them in this RAP business object.</p>	PM-PRM-MP (Maintenance Plans)

Developer extensibility allows you to create development projects in SAP S/4HANA Cloud by using ABAP Development Tools for Eclipse. This gives you the opportunity to build extensions, services, and SAP Fiori apps using the complete set of ABAP features released for SAP S/4HANA Cloud, for example, with the ABAP RESTful Application Programming model, http services, and ABAP objects. For more information about the released objects and how to find them, see [Released Development Objects](#).

Effects on System Administration

A business role based on the business role template [Developer](#) (SAP_BR_DEVELOPER) needs to be assigned to the user. This business role template consists of business catalogs that contain the authorizations required for working with the development objects released for developer extensibility. You can find details about the business catalogs contained in the business role template [Developer](#) in the [Maintain Business Roles](#) app.

Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

4.2 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 81\]](#).

5 Finance

5.1 Management Accounting and Margin Analysis

5.1.1 Configuration for Management Accounting and Margin Analysis

With this release, new configuration objects have been added to your configuration environment. These new configuration objects allow you to make settings related to Management Accounting and Margin Analysis. In addition, changes have been made to some previously delivered configuration objects.

i Note

A configuration environment in SAP S/4HANA Cloud can be SAP Central Business Configuration or [Configure Your Solution](#). Configuration objects are either configuration steps in [Configure Your Solution](#) or configuration activities in SAP Central Business Configuration. Configuration items only exist in [Configure Your Solution](#).

For more information, see [Configuration Environment of SAP S/4HANA Cloud](#).

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	See the table below
Preparation Required	Yes
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div><div>i Note</div><div>For more information, see Overview of Software and Content Upgrade.</div></div>	
Application Component	C0 (Controlling)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC 9)

Additional Details

The following table provides an overview of new and changed configuration objects and items. Use the search function in your configuration environment to find a configuration object or item. For more information about the settings that must be made in each configuration object, access the documentation available for configuration objects in the configuration environment.

Type of change	Configuration for ...	New/ changed configuration object	What you can do	Leading scope items	Business Catalogs	Solution Area	Solution Capability
New configuration object	Overhead Cost Management	Maintain Ledger-Specific Allocation Structure	You can assign ledger-specific allocation structures to different ledgers, which are then used during settlement for a particular ledger. If the relevant settings were maintained, the settlement cost element from the corresponding allocation structure is used. Thus, enabling you to use different cost elements during settlement since different ledgers are selected.	BNA (Period-End Closing - Projects)	SAP_CA_BC_IC_LND_FIN_OA0_PC (Overhead Cost Accounting - Configuration)	Cost Management and Profitability Analysis	Overhead Cost Management

Type of change	Configura- tion for ...	New/ changed configura- tion object	What you can do	Leading scope items	Business Catalogs	Solution Area	Solution Ca- pability
New func- tionality in configuration object	Overhead Cost Man- agement	Define Costing Sheets	You can now maintain overhead rates per company code. When creating a new Overhead Rate , select Dependency D030 (Overhead Type/ Company Code) .	J54 (Over- head Cost Accounting)	SAP_CA_BC_ IC_LND_FIN _OA0_PC (Overhead Cost Ac- counting - Configura- tion)	Cost Man- agement and Profitability Analysis	Overhead Cost Man- agement

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

5.1.2 Overhead Accounting

5.1.2.1 API Extensibility: Cost Center

You can extend the SOAP service COSTCENTREREPLICATIONBULKREQ (Cost Center) according to your business needs.

Technical Details

Type	New
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Functional Localization	Not applicable
Scope Item	J54 (Overhead Cost Accounting)
Technical Object Name	COSTCENTREREPLICATIONBULKRQ
Preparation Required	No
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div> <div>i Note</div> <div>For more information, see Overview of Software and Content Upgrade.</div> </div>	
Application Component	CO-OM (Overhead Cost Controlling)
Valid as Of	SAP S/4HANA Cloud 2208.2

Additional Details

Key users can extend the SOAP services in the [Custom Fields and Logic](#) app using the following business context:

- FINS_COST_CENTER

You can enable usage of your custom fields for Data Source for the corresponding API in the [SOAP API](#) section of the custom field maintenance and publish the custom fields.

You can extend the SOAP model by enabling them for the following business context:

SOAP Model	Business Context
COSTCENTREREPLICATIONBULKRQ	FINS_COST_CENTER

i Note

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Related Information

[Cost Center](#)

[API Extensibility Enablement](#)

5.1.3 Financial Planning

5.1.3.1 Sign Logic Handling in Financial Planning in SAP Analytics Cloud

Depending on the system setup, the level of integration between SAP Analytics Cloud and SAP S/4HANA Cloud, the business process, and even the process steps, the customer might require different sign handling for their data. Therefore, we have established a flexible functionality allowing sign handling on a granular level.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	4RC
Technical Object Name	Not applicable
Preparation Required	No
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div><div>i Note</div><div>For more information, see Overview of Software and Content Upgrade.</div></div>	
Application Component	C0-FIO-SAC-PL (SAP Analytics Cloud Planning Content)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

As sign handling only affects how data is displayed and entered, the way data is stored in the database remains consistent and in line with the way data is handled within SAP S/4HANA Cloud. It's possible to switch sign handling between up to three different variants depending on the context and affected measures:

- Display as in the database and matching the logic of SAP S/4HANA Cloud (showing revenues with negative sign and costs with positive sign)
- Display with flipped sign compared to database storage (showing revenues with positive sign and costs with negative sign)
- Display with a sign handling depending on the account (showing revenues and costs with positive sign)

In addition, a measure selector was added to the financial statement and profitability stories to allow you to select sign handling options. The G/L account dimension attribute **SignFlipFactor** is loaded from SAP S/4HANA Cloud with a value of -1 or +1 to facilitate account-dependent handling.

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Financial Planning in SAP Analytics Cloud](#)

5.1.3.2 Currency Handling in Financial Planning in SAP Analytics Cloud

Having delivered Integrated Financial Planning (IFP) in SAP Analytics Cloud based on local currency, we have now added the option in the financial statement planning model to enter target data in group currency. Bi-directional currency conversion between local and group currency enables aggregated views across different company codes as well as comparisons between bottom-up and target versions. Since both currency values are stored in the database, they can be selected for the export from SAP Analytics Cloud to SAP S/4HANA Cloud if needed.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	4RC
Technical Object Name	Not applicable
Preparation Required	No
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div>i Note For more information, see Overview of Software and Content Upgrade.</div>	
Application Component	C0-F10-SAC-PL (<i>SAP Analytics Cloud Planning Content</i>)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

For the sales & profitability planning model, we have added a currency conversion in the reporting stories to display the values in a currency that the user can select. This conversion is done on the fly and not persisted on the data base. A measure selector has been added to several stories to enable the switch between currencies.

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Financial Planning in SAP Analytics Cloud](#)

5.1.3.3 Financial Statement Target Planning in SAP Analytics Cloud

In addition to the existing financial planning capability, a new planning scenario has been established for target setting, which can be entered in a top-down approach. The new story Financial Statement Target Planning (SAP_FI_IFP_IM_FinancialStatement_TargetPlanning) enables you to perform target profit and loss planning, balance sheet planning, and cash flow calculation for profit centers along the respective hierarchy.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	4RC
Technical Object Name	Not applicable
Preparation Required	Yes
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div><div>i Note</div><div>For more information, see Overview of Software and Content Upgrade.</div></div>	
Application Component	CO-FIO-SAC-PL (SAP Analytics Cloud Planning Content)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

You can plan the values in group currency in a top-down approach leveraging the disaggregation capabilities of SAP Analytics Cloud. Management can set targets, for example, for gross revenues and travel expenses that are then considered during the integrated financial planning.

You can use the [Version Comparison](#) report to compare plan and target values for profit and loss, balance sheet, and cash flow. To enable this, the bi-directional conversion between local and group currency is available.

For more information, see [Financial Statement Target Planning](#).

<div><div>i Note</div><div>The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/</div></div>
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region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Financial Planning in SAP Analytics Cloud](#)
[Financial Statement Target Planning](#)

5.2 Accounting and Financial Close

5.2.1 FS Item Target Attribute: Offsetting Target

The new FS item target attribute *Offsetting Target* is now available. You use this attribute to reclassify negative balances to the relevant offsetting item via the reclassification rule.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	15G (Financial Consolidation for S/4HANA Cloud)
Technical Object Name	App ID: F3297 App ID: F3725
Preparation Required	No
Relevant If You Have a 3-System Landscape:	
Latest Reference Content Version Required	
<div><div>i Note</div><div>For more information, see Overview of Software and Content Upgrade.</div></div>	
Application Component	FIN-CS (S/4HANA for Group Reporting)

Additional Detail

You assign the target attribute *Offsetting Target* to FS items in the [Define FS Items](#) app. Then, you can define a selection using the *Offsetting Target* in the [Define Selections](#) app.

Note

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Related Information

[FS Item Selection and Target Attributes](#)

[Define FS Items](#)

[Define Selections](#)

5.2.2 Exporting Plan Data from SAP Analytics Cloud to Group Reporting

You can now directly export group financial plan data from SAP Analytics Cloud to group reporting in SAP S/4HANA Cloud. Because of this, there's no need to first transfer data into accounting.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1SG (Financial Consolidation for S/4HANA Cloud)
Technical Object Name	Not applicable

Preparation Required	Yes
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div> <div>i Note</div> <div>For more information, see Overview of Software and Content Upgrade.</div> </div>	
Application Component	FIN-CS (S/4HANA for Group Reporting)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

By exporting group financial plan data from SAP Analytics Cloud to group reporting in SAP S/4HANA Cloud, you can carry out financial planning on group-level with no integration for company-level planning. You can also plan for consolidation units that aren't represented in accounting but still need to be consolidated.

For an overview of this process and to learn how to check the status of the export, see [Exporting Planning Data from SAP Analytics Cloud to Group Reporting](#).

To export group financial plan data from SAP Analytics Cloud, you first must define an export definition in SAP Analytics Cloud. For a step-by-step guide on how to do this, see [Exporting Group Financial Plan Data to SAP S/4HANA or SAP S/4HANA Cloud](#).

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Exporting Planning Data from SAP Analytics Cloud to Group Reporting](#)
[Exporting Group Financial Plan Data to SAP S/4HANA or SAP S/4HANA Cloud](#)

5.3 Treasury Management

5.3.1 Payments and Bank Communications

5.3.1.1 Advanced Payment Management

5.3.1.1.1 Improvement of the Cross-Subtree References

With this feature, you can use references to a node from outside during processing incoming XML files using the following apps:

- [Map Format Data for Incoming Files from Banks](#)
- [Map Format Data for Treasury Correspondence](#)
- [Map Format Data for Advanced Payment Management](#)

When creating a reference to the node with iterated elements, you will be notified when a node inside an iteration is referred from outside of an iteration. You can use a variable that stores the value of the referenced node. The value of this variable can then be accessed outside of this iteration.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	J59 (Accounts Receivable), J60 (Accounts Payable), J78 (Advanced Cash Operations), 3QM (Treasury Correspondence Integration with SWIFT Network), 1WV (Debt and Investment Management), 1X1 (Foreign Currency Risk Management), 4MT (Advanced Payment Management), 1X3 (Interest Rate Derivatives Management), BFB (Basic Cash Operations)

Technical Object Name	App ID: F5617 App ID: F3554A App ID: F5608
Preparation Required	Yes (activation of a feature)
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
i Note For more information, see Overview of Software and Content Upgrade .	
Application Component	CA - GTF - CSC - DME (<i>Data Medium Exchange Engine</i>)
Valid as Of	SAP S/4HANA Cloud 2208.2

Effects on Configuration

This new solution will not automatically be available in your system as of SAP S/4HANA Cloud 2208.2 but requires that you activate the feature *Improved behavior of cross-subtree references* (FTGL_REFERENCES). For more details on the activation of features, see [Activate New Features](#).

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

5.3.1.2 Monitor Payments

This feature activates the *Remediations* tab on the batch details screen in the *Monitor Payments* app. The tab displays remediations for common problems with payment batches. You initiate the remediations on this tab. With this feature, you can:

- Correct mismatched statuses
- Set payment batch status to *Automatically Rejected*
- Mass reset and reverse payment documents within payment batch items

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	J78 (Advanced Cash Operations)
Technical Object Name	App ID: F2388
Preparation Required	Yes, activation of feature toggle
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div>i Note For more information, see Overview of Software and Content Upgrade.</div>	
Application Component	<i>FI-FIO-AP (Fiori UI for Accounts Payable)</i> , <i>FIN-FSCM-BNK (Direct Bank Communication)</i>
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Effects on System Administration

The [Remediations](#) tab will not automatically be available in your system as of SAP S/4HANA Cloud 2208.2 but requires that you activate the feature [Enable Remediations for Payment Batch](#) (FTGL_500787).

For more information on the activation of features, see [Activate New Features](#).

The remediations functions are authorized without restriction as part of the [Accounts Payable Accountant](#) and [Accounts Receivable Accountant](#) business role templates. To authorize remediations as part of a custom role, use the SAP_FIN_BC_APAR_PAY_PC ([Accounts Payable and Receivable - Payments](#)) or SAP_FIN_BC_CM_OPS_BASIC_PC ([Cash Management - Cash Operations Basic](#)) business catalogs.

Within those catalogs, you can use the BNK_RMDT ([Payment Batch Remediation Authorization](#)) restriction type to limit authorizations for the remediation functions:

- Set payment batch status to [Automatically Rejected](#)
- Mass reset and reverse payment documents within payment batch items

i Note

For mass reset and reverse, only users that have existing authorization for reversals will be allowed to mass reset and reverse.

Effects on Configuration

In *SAP S/4HANA Cloud 2208.2 (HFC9)*, SAP delivers a default configuration, so you don't need to configure the system yourself. In the default configuration, the remediations work for every company code and status.

However, you have the option to configure the system yourself using the *Fix Errors for Payment Batches* activity in your configuration environment. For more information, see the configuration help documentation for this activity in your configuration environment.

i Note

Any settings you make in the *Fix Errors for Payment Batches* configuration activity will make the SAP default configuration obsolete.

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Monitor Payments](#)

5.3.2 Cash and Liquidity Management

5.3.2.1 Custom Pricing Type and BAdI for Bank Fees

You can now define bank fee conditions for the new pricing type **06** (*Custom Pricing*) in the *Manage Bank Fee Conditions* app. With the new BAdI *Calculation and Validation of Bank Fees*, you can implement custom logic for calculating and validating bank fees that are assigned with a custom pricing condition. In the *Monitor Bank Fees* app, when you refresh status for bank fee entries that are assigned with bank fee conditions of pricing type **06** (*Custom Pricing*), the system automatically assigns the function module FCLM_BRM_PRICING_STATUS_CALC, which calls this BAdI.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	200 (Bank Fee Management)
Technical Object Name	App ID: <ul style="list-style-type: none">F3001F3185
Preparation Required	Yes
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div>i Note For more information, see Overview of Software and Content Upgrade.</div>	
Application Component	FIN-FSCM-CLM-BAM (<i>Bank Account Management</i>)
Valid as Of	SAP S/4HANA Cloud 2208.2

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Monitor Bank Fees](#)

[App Extensibility: Monitor Bank Fees \(Key User\)](#)

5.3.3 Treasury and Risk Management

5.3.3.1 Termination Strategy for Interest Rate Swaps

With this feature, you can now choose a termination strategy, that affects calculation of interest and repayments.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1X3 (Interest Rate Derivatives Management) 1XB (Interest Rate Derivatives Management - Group Ledger IFRS) 34E (Interest Rate Derivatives Management - Group Ledger US GAAP)
Technical Object Name	App:FTR_EDIT
Preparation Required	Yes (activation of a feature)
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div>i Note For more information, see Overview of Software and Content Upgrade.</div>	
Application Component	FIN-FSCM-TRM-TM-TR (Transaction Management)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

The termination strategies for swaps are the following:

- [Default](#) – changes end date to the termination date. Conditions base flows are created to the termination date.
- [Without Interest](#) – all planned interests are deleted. New zero conditions for interest and capitalized interests are generated.

- *Without Interest and Repayment* – all planned interests and repayments are deleted. New zero conditions for all conditions are generated.
- *Manual* – conditions are adjusted by user.

Effects on Existing Data

The termination strategy is available for already existing financial transactions. You can choose from termination strategies, otherwise the *Default* strategy is used.

Effects on System Administration

This new solution will not automatically be available in your system as of SAP S/4HANA Cloud 2208.2 but requires that you activate the feature *Further Options for Termination of Interest Rate Swaps* (FTGL_TTM_IRSWAP_TERMINATION). For more details on the activation of features, see [Activate New Features](#).

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Process IR Derivatives - Collective Processing](#)

5.3.3.2 Configuration for Treasury and Risk Management

5.3.3.2.1 Improvement of the Cross-Subtree References

With this feature, you can use references to a node from outside during processing incoming XML files using the following apps:

- *Map Format Data for Incoming Files from Banks*
- *Map Format Data for Treasury Correspondence*
- *Map Format Data for Advanced Payment Management*

When creating a reference to the node with iterated elements, you will be notified when a node inside an iteration is referred from outside of an iteration. You can use a variable that stores the value of the referenced node. The value of this variable can then be accessed outside of this iteration.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	J59 (Accounts Receivable), J60 (Accounts Payable), J78 (Advanced Cash Operations), 3QM (Treasury Correspondence Integration with SWIFT Network), 1WV (Debt and Investment Management), 1X1 (Foreign Currency Risk Management), 4MT (Advanced Payment Management), 1X3 (Interest Rate Derivatives Management), BFB (Basic Cash Operations)
Technical Object Name	App ID: F5617 App ID: F3554A App ID: F5608
Preparation Required	Yes (activation of a feature)
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div> i Note For more information, see Overview of Software and Content Upgrade. </div>	
Application Component	CA - GTF - CSC - DME (<i>Data Medium Exchange Engine</i>)
Valid as Of	SAP S/4HANA Cloud 2208.2

Effects on Configuration

This new solution will not automatically be available in your system as of SAP S/4HANA Cloud 2208.2 but requires that you activate the feature *Improved behavior of cross-subtree references* (FTGL_REFERENCES). For more details on the activation of features, see [Activate New Features](#).

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

5.4 Financial Operations

5.4.1 Receivables Management

5.4.1.1 Configuration for Credit Evaluation and Management

With this release, changes have been made to some previously delivered configuration objects or configuration items for Credit Evaluation and Management.

i Note

A configuration environment in SAP S/4HANA Cloud can be SAP Central Business Configuration or *Configure Your Solution*. Configuration objects are either configuration steps in *Configure Your Solution* or configuration activities in SAP Central Business Configuration. Configuration items only exist in *Configure Your Solution*.

For more information, see [Configuration Environment of SAP S/4HANA Cloud](#).

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	BD6 (Basic Credit Management)

Preparation Required	No
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div> <div>i Note</div> <div>For more information, see Overview of Software and Content Upgrade.</div> </div>	
Application Component	FIN-FSCM-CR (Credit Management)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

The following table provides an overview of new and changed configuration objects and items. Use the search function in your configuration environment to find a configuration object or item. For more information about the settings that must be made in each configuration object, access the documentation available for configuration objects in the configuration environment.

Type of change	Configuration for ...	Changed configuration object	What you can do	Business Catalogs	Solution Area	Solution Capability
New function in configuration object	Settings for master data in credit management	Define Blocking Reasons	<p>In the Define Blocking Reasons configuration activity, you can now use an excel upload function. This enables you to upload a list of several blocking reasons at once.</p> <p>To use the excel upload function, proceed as follows:</p> <ol style="list-style-type: none"> 1. Open the Define Blocking Reasons configuration activity in display mode. 2. Choose <ul style="list-style-type: none"> ► Table View ► Import Spreadsheet ► et ► Contents ► : 	Credit Management - Configuration (SAP_CA_BC_IC_LND_FIN_CR0_PC)	Finance	Credit Evaluation and Management

Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

5.4.1.2 Bank Statement Processing

5.4.1.2.1 Improvement of the Cross-Subtree References

With this feature, you can use references to a node from outside during processing incoming XML files using the following apps:

- [Map Format Data for Incoming Files from Banks](#)
- [Map Format Data for Treasury Correspondence](#)
- [Map Format Data for Advanced Payment Management](#)

When creating a reference to the node with iterated elements, you will be notified when a node inside an iteration is referred from outside of an iteration. You can use a variable that stores the value of the referenced node. The value of this variable can then be accessed outside of this iteration.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	J59 (Accounts Receivable), J60 (Accounts Payable), J78 (Advanced Cash Operations), 3QM (Treasury Correspondence Integration with SWIFT Network), 1WV (Debt and Investment Management), 1X1 (Foreign Currency Risk Management), 4MT (Advanced Payment Management), 1X3 (Interest Rate Derivatives Management), BFB (Basic Cash Operations)
Technical Object Name	App ID: F5617 App ID: F3554A App ID: F5608
Preparation Required	Yes (activation of a feature)

Relevant If You Have a 3-System Landscape: No

Latest Reference Content Version Required

i Note

For more information, see [Overview of Software and Content Upgrade](#).

Application Component

CA-GTF-CSC-DME (*Data Medium Exchange Engine*)

Valid as Of

SAP S/4HANA Cloud 2208.2

Effects on Configuration

This new solution will not automatically be available in your system as of SAP S/4HANA Cloud 2208.2 but requires that you activate the feature *Improved behavior of cross-subtree references* (FTGL_REFERENCES). For more details on the activation of features, see [Activate New Features](#).

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

5.5 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 81\]](#).

6 Human Resources

6.1 Core HR and Time Recording

6.1.1 Configuration for Time and Attendance Management

With this release, new configuration objects or configuration items for making settings related to Time and Attendance Management have been added to your configuration environment. In addition, changes have been made to some previously delivered configuration objects or configuration items.

i Note

A configuration environment in SAP S/4HANA Cloud can be SAP Central Business Configuration or [Configure Your Solution](#). Configuration objects are either configuration steps in [Configure Your Solution](#) or configuration activities in SAP Central Business Configuration. Configuration items only exist in [Configure Your Solution](#).

For more information, see [Configuration Environment of SAP S/4HANA Cloud](#).

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	See the table below
Preparation Required	No
Relevant if You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div><div>i Note</div><div>For more information, see Overview of Software and Content Upgrade.</div></div>	
Application Component	CA - TS - S4 (Cross Application Timesheet in S/4HANA)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

The following table provides an overview of new and changed configuration objects and items. Use the search function in your configuration environment to find a configuration object or item. For more information about the settings that must be made in each configuration object, access the documentation available for configuration objects in the configuration environment.

Type of change	Configuration for ...	New/ changed configuration object	What you can do	Leading scope items	Business Catalogs	Solution Area	Solution Capability
New validation checks and configuration locks implemented for configuration object	Task types (including their associated components and levels) defined for the Manage My Timesheet application	Specify Task Types, Components, and levels	<p>Validation checks are applied while creating or deleting task types and their associated components and levels. This ensures that dependent objects in the target systems are available when the transport with the new/deleted task types (including their associated components and levels) details is released and reaches the target system.</p> <p>While deleting an existing task type and their associated components and levels, the validation check ensures that there are no open time entries using that task</p>	1Q4 (Time Recording), J12 (Time Recording - Project-Based Services)	SAP_CA_BC_IC_LND_HCM_TS0_PC	Human Resources	Timesheet

Type of change	Configura- tion for ...	New/ changed configura- tion object	What you can do	Leading scope items	Business Catalogs	Solution Area	Solution Ca- pability
			<p>type. If open time entries using that task type exists, then that task type (including their associated components and levels) cannot be deleted using the Specify Task Types, Components, and Levels configuration object. This ensures data consistency across all systems.</p> <p>Also, during deletion, business configuration locks are applied, that ensures that the task types including their associated components and levels are locked in the production system. No further time entries can be created in the production system using that</p>				

Type of change	Configura- tion for ...	New/ changed configura- tion object	What you can do	Leading scope items	Business Catalogs	Solution Area	Solution Ca- pability
			task type or its associated components and levels.				

Type of change	Configuration for ...	New/ changed configuration object	What you can do	Leading scope items	Business Catalogs	Solution Area	Solution Capability
New validation checks and configuration locks implemented for configuration object	Work locations defined for the Manage My Timesheet application	Maintain Work Locations	<p>Validation checks are applied while creating or deleting work locations. This ensures that dependent objects in the target systems are available when the transport with the new/deleted work location details is released and reaches the target system.</p> <p>While deleting an existing work location, the validation check ensures that there are no open time entries using that work location. If open time entries using that work location exists, then that work location cannot be deleted using the Maintain Work</p>	1Q4 (Time Recording), J12 (Time Recording - Project-Based Services)	SAP_CA_BC_IC_LND_HCM_TS0_PC	Human Resources	Timesheet

Type of change	Configura- tion for ...	New/ changed configura- tion object	What you can do	Leading scope items	Business Catalogs	Solution Area	Solution Ca- pability
			<p>Locations configuration object. This ensures data consistency across all systems.</p> <p>Also, during deletion, business con- figuration locks are ap- plied, that en- sures that the work loca- tions are locked in the production system. No further time entries can be created in the produc- tion system using that work loca- tion.</p>				

Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Validation Checks and Business Configuration Locks for Timesheet Configuration Objects](#)

6.2 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 81\]](#).

7 Manufacturing

7.1 Quality Management

7.1.1 CDS Views for Quality Planning

Some CDS views for accessing inspection plan data have been newly released.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1E1 (Quality Management in Discrete Manufacturing) 1FM (Quality Management in Procurement) 1MP (Quality Management in Sales) 1MR (Quality Management in Stock Handling)
Technical Object Name	See below
Preparation Required	No
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div><div>i Note</div><div>For more information, see Overview of Software and Content Upgrade.</div></div>	
Application Component	QM-PT - IP (<i>Inspection Planning</i>)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

The following CDS views have been released:

- Version of Inspection Plan Operation (I_InspPlanOperationVersion_2)
- Version of Inspection Plan Characteristic (I_InspPlanOpCharcVersion_2)
- Version of Material Assignment in Inspection Plan (I_InspPlnMatlAssgmtVersion_2)

Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Version of Inspection Plan Operation](#)
[Version of Inspection Plan Characteristic](#)
[Version of Material Assignment in Inspection Plan](#)

7.1.2 Objects Released for Developer Extensibility in Quality Management

With the objects released in Quality Management, you have access to data from SAP S/4HANA Cloud when building custom applications or extensions with developer extensibility. You can integrate the released objects in your custom code or extend them at predefined extension points. Depending on your use case, different object types are provided (such as BADIs, CDS views, RAP business objects). You find all the released objects in the ABAP Development Tools (ADT), when you're connected to your SAP S/4HANA Cloud system.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1E1 (Quality Management in Discrete Manufacturing) 1FM (Quality Management in Procurement) 1MP (Quality Management in Sales) 1MR (Quality Management in Stock Handling)

Technical Object Name	See the table below
Preparation Required	No
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	

i Note

For more information, see [Overview of Software and Content Upgrade](#).

Application Component	QM-PT - IP (<i>Inspection Planning</i>)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

The following table summarizes the objects that have been added, changed, or deprecated for developer extensibility with the current release.

i Note

This feature is only available in a 3-system landscape. For information about system landscapes, see: [System Landscapes in SAP S/4HANA Cloud](#).

Objects Added, Changed, or Deprecated for Developer Extensibility

Object Type	End-User Name	Technical Name	Type	Details
CDS view	Version of Inspection Plan Operation	I_InspPlanOperati onVersion_2	New	This CDS view provides access to the operations assigned to an inspection plan (task list type Q).
CDS view	Version of Inspection Plan Characteristic	I_InspPlanOpCharc Version_2	New	This CDS view retrieves the inspection characteristics of the operations of an inspection plan (task list type Q).
CDS view	Version of Material Assignment in Inspection Plan	I_InspPlnMatlAssg mtVersion_2	New	This CDS view provides access to the assignment of materials in a plant to an inspection plan (task list type Q).

Developer extensibility allows you to create development projects in SAP S/4HANA Cloud by using ABAP Development Tools for Eclipse. This gives you the opportunity to build extensions, services, and SAP Fiori

apps using the complete set of ABAP features released for SAP S/4HANA Cloud, for example, with the ABAP RESTful Application Programming model, http services, and ABAP objects. For more information about the released objects and how to find them, see [Released Development Objects](#).

Effects on System Administration

A business role based on the business role template *Developer* (SAP_BR_DEVELOPER) needs to be assigned to the user. This business role template consists of business catalogs that contain the authorizations required for working with the development objects released for developer extensibility. You can find details about the business catalogs contained in the business role template *Developer* in the *Maintain Business Roles* app.

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

7.2 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 81\]](#).

8 Professional Services

8.1 Customer Project Management

8.1.1 Handling of New Invoice Creation: Manage Project Billing

With this feature, if you (as a billing clerk) cancel an invoice (billing document) of a billing document request (BDR), you would not be able to create a new invoice for the same BDR, until the invoice cancellation journal entry is generated.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	4E9 (Project Billing - Project-Based Services)
Technical Object Name	App ID: F4374
Preparation Required	No
Relevant if You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div><div>i Note</div><div>For more information, see Overview of Software and Content Upgrade.</div></div>	
Application Component	PS-BIL (Project Billing)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

You can post the invoice cancellation journal entry to finance, using [Manage Billing Documents](#) application.

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Manage Project Billing](#)

8.1.2 Handling of BDR Rejection and Deletion: Manage Project Billing

With this feature, if you (as a billing clerk) cancel an invoice (billing document) of a billing document request (BDR), you would not be able to delete or reject the same BDR, until the invoice cancellation journal entry is generated.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	4E9 (Project Billing - Project-Based Services)
Technical Object Name	App ID: F4374
Preparation Required	No
Relevant if You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div><div>i Note</div><div>For more information, see Overview of Software and Content Upgrade.</div></div>	
Application Component	PS-BIL (<i>Project Billing</i>)

Additional Details

You can post the invoice cancellation journal entry to finance, using [Manage Billing Documents](#) application.

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Manage Project Billing](#)

8.2 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 81\]](#).

9 R&D/Engineering

9.1 Product Compliance

9.1.1 Foundation for Product Compliance

9.1.1.1 Support for Confidential Business Information for Substances

With this updated feature, you can enter generic names as confidential business information on the company substances level. You can flag a substance to always be masked as confidential business information.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	F2578
Preparation Required	Yes (feature activation required)
Latest Reference Content Version Required	No
<div><div>i Note</div><div>For more information, see Overview of Software and Content Upgrade.</div></div>	
Application Component	EHS - SUS - FND (<i>Sustainability Foundation</i>)
Valid as Of	2208.2 (HFC9)

Effects on System Administration

This feature isn't automatically available in your system as of SAP S/4HANA Cloud 2208.2 but requires that you activate the feature [Support for Confidential Business Information with Substances](#)(FTGL_500751) . For more details on the activation of feature, see [Activate New Features](#).

Related Information

[Manage Substances Compliance](#)

9.1.2 Dangerous Goods Management

9.1.2.1 View Regulatory Data for Dangerous Goods

With this feature, you can view regulatory data that is delivered with the compliance requirements contained in the regulatory content.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	3FC (Assess Dangerous Goods for a Product)
Technical Object Name	App ID: F6934
Preparation Required	Yes (feature activation required)
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div><div>i Note</div><div>For more information, see Overview of Software and Content Upgrade.</div></div>	
Application Component	EHS - SUS - DG (<i>Dangerous Goods</i>)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

With this feature, you can view all available regulatory data for a UN number for a certain regulation in the [View Regulatory Data for Dangerous Goods](#) app.

You can access that app from a tile on the SAP Fiori launchpad or from the [View Regulatory Data](#) link in the apps in which you classify a product according to the required dangerous goods regulations.

In the app, you can select various filters and search for the regulatory data. In the search results list, you can select the data set to view details about the basic classification and enclosure-specific list data. For organic peroxides and for self-reactive substances, you can view more information, such as the name as it's used on the corresponding dangerous goods lists.

Effects on System Administration

This function is not automatically available in your system as of SAP S/4HANA Cloud 2208.2, but requires that you activate the feature [View Regulatory Data - Dangerous Goods](#) (FTGL_500710). For more information about the activation of features, see [Activate New Features](#).

To enable users to access the [View Regulatory Data - Dangerous Goods](#) app, their business users need to have the following business catalogs assigned:

- Product Compliance - Unpackaged Dangerous Goods (SAP_PSS_BC_PC_UPKG_DG_MGMT_PC)
- Product Compliance - Packaged Dangerous Goods (SAP_PSS_BC_PC_PKG_DG_MGMT_PC)

Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

You can find more information about classifying dangerous goods in the Product Assistance for [Product Compliance](#). See [Dangerous Goods Assessment](#).

9.1.2.2 Regulatory Content for Dangerous Goods

In [Dangerous Goods Management](#), a compliance requirement contains data for a specific dangerous goods regulation, and this data is delivered as regulatory content for dangerous goods. With this feature, the regulatory content is updated and enhanced.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	3FC (Assess Dangerous Goods for a Product)
Technical Object Name	Not applicable
Preparation Required	No
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div>i Note For more information, see Overview of Software and Content Upgrade.</div>	
Application Component	EHS -SUS-DG (<i>Dangerous Goods</i>)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

With this feature, the following new data is included in the compliance requirement versions:

- A new list with organic peroxides is included or the following compliance requirement versions:
 - CFR 49 as of May 11th 2020
 - IATA-DGR 2022
- A new list with self-reactive substance is included for the following compliance requirement versions:
 - CFR 49 as of May 11th 2020
 - IATA-DGR 2022

The content is used when you classify unpackaged dangerous goods according to a dangerous goods regulation. When you select an organic peroxide or a self-reactive substance that is included in this content as the technical name, the system uses the name from the respective list. For this kind of substance, you can't change the technical name, but can display more information in the [Select Technical Names](#) dialog.

Effects on Existing Data

The delivery of a new list with organic peroxides and self-reactive substances for the compliance requirement versions has the following effects on existing data:

- **Effects on the Technical Name:**
 - If you select an organic peroxide or a self-reactive substance, the **Technical Name** column is no longer displayed. You cannot change any technical names because the system uses the names from the dangerous goods lists.
 - If you have entered a technical name for an organic peroxide or a self-reactive substance in the *Manage Technical Names for Substances* app, this name is no longer used in the dangerous goods description. The names from the dangerous goods lists are used instead.
- **Effects on the Content:**
 - For the updated compliance requirements, you need to confirm the changes in these compliance requirements using the *Activate Compliance Requirements - Dangerous Goods* app.

Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

You can find more information in the Product Assistance for *Product Compliance*. See:

- [SAP Content for Dangerous Goods Management](#)
- [Technical Names](#)

9.1.3 Safety Data Sheet and Label Management

9.1.3.1 Business Partner Multi Address Support

This feature enables the support of multiple addresses assigned to a business partner in processes for safety data sheet shipments.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	F3226, F4309, F4521
Preparation Required	Yes
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div>i Note For more information, see Overview of Software and Content Upgrade.</div>	
Application Component	EHS - SUS - SDS
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

Safety data sheet processes consider multi address assignments if the feature [Multiple Address Handling in SD Documents Using SAP Business Partner](#) is activated for Quote-2-Cash processes.

This applies to the following safety data sheet processes:

Safety Data Sheet Shipment

- The [Compliance Information - For Products](#) app (F3226) provides a value help to select the address if you have selected a customer that has multiple addresses assigned when you send a safety data sheet manually.
- The selected address of the ship-to party of a delivery is considered in the shipment request for safety data sheets.
- In the [Monitor Shipments - Safety Data Sheets](#) app (F4309) you can view the selected address of the safety data sheet recipient.

Maintenance of the Sender Address for the Safety Data Sheet

- The [Manage Contact Data - Safety Data Sheets](#) app (F4521) provides a value help to select the sender address if you have selected a business partner that has multiple addresses assigned.

International Address Version

- With this feature international address versions (IAV) are considered when printing addresses on the safety data sheet and on the cover sheet.

Final Safety Data Sheet Generation

- This feature supports the printing of the product name in English and in Chinese in section 1 on a Chinese safety data sheet if the product name is available in these languages in the product master.

Effects on System Administration

This function will not automatically be available in your system as of SAP S/4HANA Cloud 2208.2 but requires that you activate the feature [Multiple address support within Safety Data Sheet related processes](#) (FTGL_500797). For more details on the activation of features, see [Activate New Features](#).

The feature [Multiple Address Handling in SD Documents Using SAP Business Partner](#) is a prerequisite for using the multiple address handling in safety data sheet processes. Therefore, the feature has to be active.

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

More Information

- For more information about the handling of multiple addresses in sales, see [Feature Overview for Multiple Address Handling](#).
- For more information about activating the [Multiple Address Handling in SD Documents Using SAP Business Partner](#) feature, see the prerequisites in [Multiple Address Handling in SD Documents Using SAP Business Partner](#).
- For more information about the support of international address versions (IAV), see [International Address Versions \(Client-Specific\)](#).
- For more information about the apps related to this feature, see the product assistance for Product Compliance:
 - [Compliance Information - For Products](#)
 - [Monitor Shipments – Safety Data Sheets](#)
 - [Manage Contact Data - Safety Data Sheets](#)

9.2 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 81\]](#).

10 Sales

10.1 Sales Contract Management

10.1.1 OData API: Sales Contract (A2X)

The Sales Contract (A2X) API has been enhanced with header text entity and item text entity. You can now use this API to create, read, update, and delete text information at header and item level.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	I9I (Sales Contract Management)
Technical Object Name	API: API_SALES_CONTRACT_SRV
Preparation Required	No
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div>i Note For more information, see Overview of Software and Content Upgrade.</div>	
Application Component	SD-SLS-0A-CC0 (<i>Customer Contracts</i>)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

To create text information at header or item level, you must use the deep insert requests.

<div>i Note The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/</div>
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region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

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

[Header Text](#)

[Item Text](#)

[Operations for Sales Contract \(A2X\)](#)

10.2 Solution Order Management

10.2.1 Item Category Group NORM for Service Part Items in Solution Orders

With this feature, you can add products of item category group **NORM** as service part items in solution orders. Previously, item category determination by the system could determine only sales items. Now, the system can also determine service part items. You can now use products of item category group **NORM** as sales items or service part items, according to your business requirements.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	4GT (Solution Order Management)
Technical Object Name	App ID: F4615
Preparation Required	Yes

Relevant If You Have a 3-System Landscape: Yes

Latest Reference Content Version Required

i Note

For more information, see [Overview of Software and Content Upgrade](#).

Application Component

CRM - S4 - SOL - SLO ([Solution Order](#))

Valid as Of

SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

Existing types of sales items that support item category group **NORM**:

- Sales items
- Sales items for third party with shipping notification
- Sales items for third party without shipping notification
- Bought-in sales items

Types of service part items that support item category group **NORM**:

- Service part items
- Fixed price service part items

As a product master specialist (business role **PRODMASTER_SPECIALIST**), the benefit you gain from this feature is that you don't need to create products for sales items and service part items across two different item categories groups.

Effects on Configuration

You must update your configuration reference content to the latest version.

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Service Items, Expense Items, and Service Part Items in Solution Orders](#)
[Sales Items in Solution Orders](#)

10.3 Sales Billing

10.3.1 Option to Copy Texts from Delivery Documents to Billing Documents

With this feature, the [Define Billing Types](#) configuration activity has been enhanced with a checkbox. The checkbox controls, per billing type, whether texts are copied to a newly created billing document from the preceding sales document (for example, a sales order) or from the preceding delivery document (for example, an outbound delivery).

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	BD9 (Sell from Stock), BDD (Lean Customer Returns), BKP (Customer Returns)
Technical Object Name	Configuration activity ID: 102402
Preparation Required	No
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div><div>i Note</div><div>For more information, see Overview of Software and Content Upgrade.</div></div>	
Application Component	SD-BIL (Billing)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

When the system creates a new billing document, it performs text determination to establish whether any texts (for example, a billing instruction) that exist at header or item level of the preceding sales document or delivery document should be copied to the billing document.

By default, texts are copied from the preceding sales document (for example, the preceding sales order) only.

By changing this rule for specific billing types, you can tell the system to always copy the texts from the preceding delivery document instead. This helps you ensure that the texts which you actually want the customer to see will be on the billing document that they receive.

Example

- For billing type G2 (credit memo), you want all texts to be copied from the preceding sales document (a credit memo request), so you leave the checkbox deselected for this billing type.
- For billing type F2 (invoice), you want all texts to be copied from the preceding delivery, so for this billing type you change the text copying rule by selecting the checkbox.


For more information, see the configuration help of the [Define Billing Types](#) configuration activity.

Effects on Configuration

The new checkbox has been added to the [Define Billing Types](#) configuration activity. To find this activity, use the search function in your configuration environment.

For more information about your configuration environment, see [Configuration Environment of SAP S/4HANA Cloud](#).

Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx  for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Texts in Sales and Distribution Documents](#)

10.4 Claims, Returns, and Refund Management


10.4.1 OData API: Customer Return - Simulate (A2X)

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

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	BKP (Customer Returns) BDD (Lean Customer Returns)
Technical Object Name	API: API_CUSTOMER_RETURN_SIMULATION_SRV
Preparation Required	No
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div>i Note For more information, see Overview of Software and Content Upgrade.</div>	
Application Component	SD - SLS - RE (<i>Customer Returns</i>)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

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

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under <https://support.sap.com/>

[content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx](#) for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Customer Return \(A2X\)](#)
[Customer Return - Simulate \(A2X\)](#)


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

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


Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	1EZ (Credit Memo Processing) BKL (Invoice Correction Process with Credit Memo)
Technical Object Name	API: API_CREDIT_MEMO_REQ_SIMLN_SRV
Preparation Required	No
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div><div>i Note</div><div>For more information, see Overview of Software and Content Upgrade.</div></div>	
Application Component	SD-SLS-CMR (<i>Credit Memo Request and Debit Memo Request</i>)

Additional Details

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

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx  for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Credit Memo Request - Simulate \(A2X\)](#)

[Credit Memo Request \(A2X\)](#)

10.5 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 81\]](#).

11 Sourcing and Procurement

11.1 Service Procurement with Ariba Network and SAP Fieldglass (4R2)

The [Service Procurement with Ariba Network and SAP Fieldglass](#) (4R2) process now enables you to

- add purchase order limit items with contract reference to proofs of service in SAP Fieldglass. Note that you can only reference service items (product type 2) when adding limit items to proofs of service. The purchase contract in SAP S/4HANA Cloud must not contain item hierarchies.
- use item hierarchies in purchase requisitions, purchase orders, proofs of service and supplier invoices. For more information, see the [Additional Details \[page 68\]](#) section.

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	Service Procurement with Ariba Network and SAP Fieldglass
Technical Object Name	Not applicable
Preparation Required	Yes
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div><div>i Note</div><div>For more information, see Overview of Software and Content Upgrade.</div></div>	
Application Component	BNS - INT - ARI (Ariba Integration with SAP S/4HANA Cloud) BNS - INT - FG (SAP Fieldglass Integration with SAP S/4HANA Cloud)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

Add limit items with contract reference to proofs of service

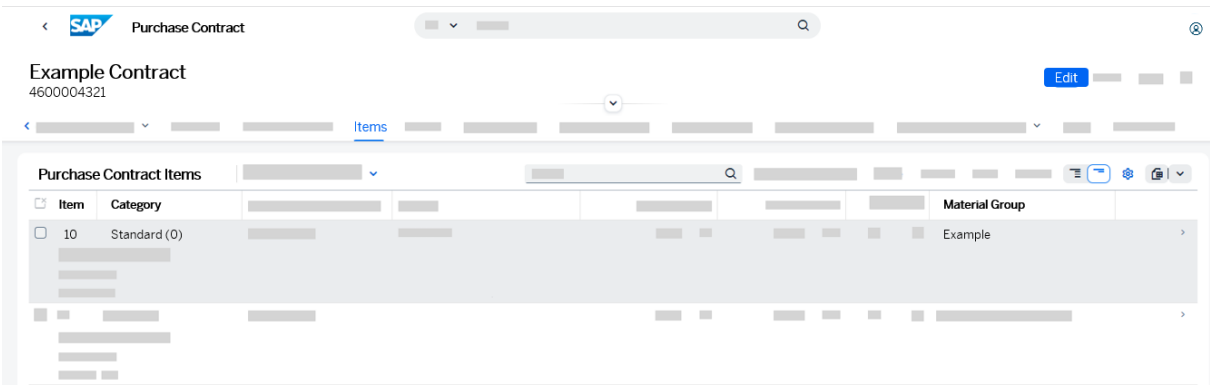
In the *Service Procurement with Ariba Network and SAP Fieldglass* (4R2), you can now add purchase order limit items with contract reference to proofs of service in SAP Fieldglass. Note that you can only reference **service** items (product type 2) when adding limit items to proofs of service. The contract item you're referencing must have the same material group as the purchase order item. Additionally, the period of performance in the purchase order item must match with the validity of the purchase contract.

The following screenshots display an example of a purchase contract in SAP S/4HANA Cloud, a purchase order limit item with contract reference in SAP S/4HANA Cloud and a proof of service with reference to this item in SAP Fieldglass.

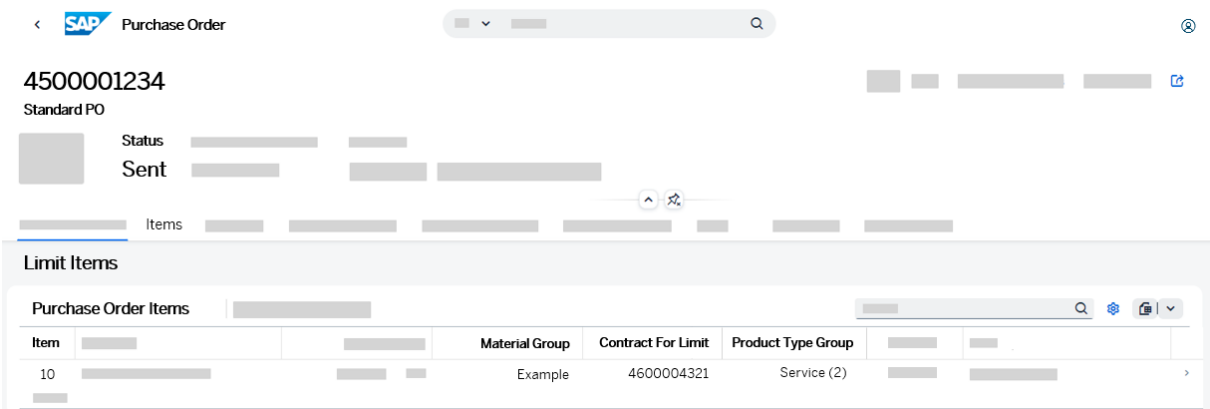
i Note

The following screenshots are available in English only. This procedure is based on default content and UIs. Depending on your configuration settings and the business object, the procedure and the UI may be slightly different.

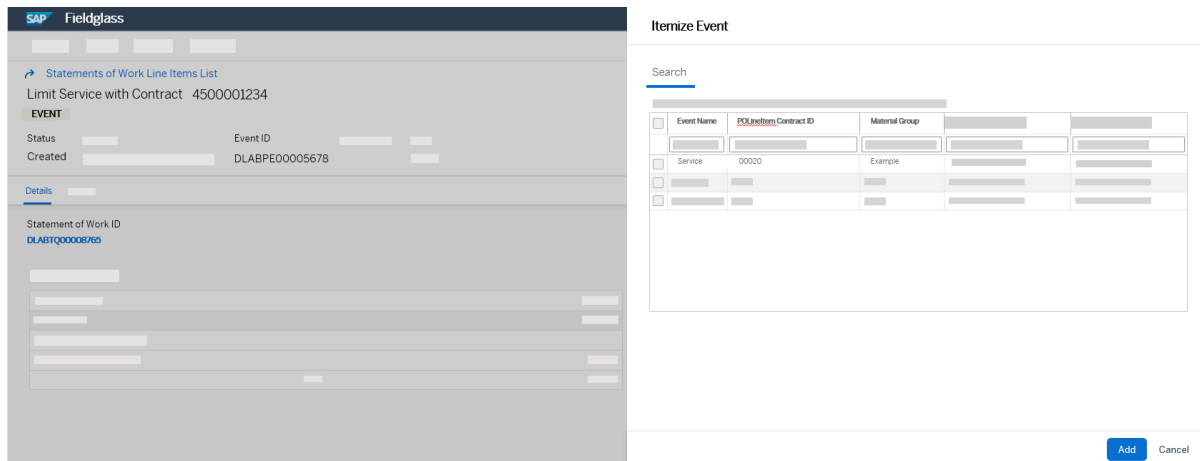
Purchase contract in SAP S/4HANA Cloud



Purchase order limit item in SAP S/4HANA Cloud



Proof of service in SAP Fieldglass



Item hierarchies

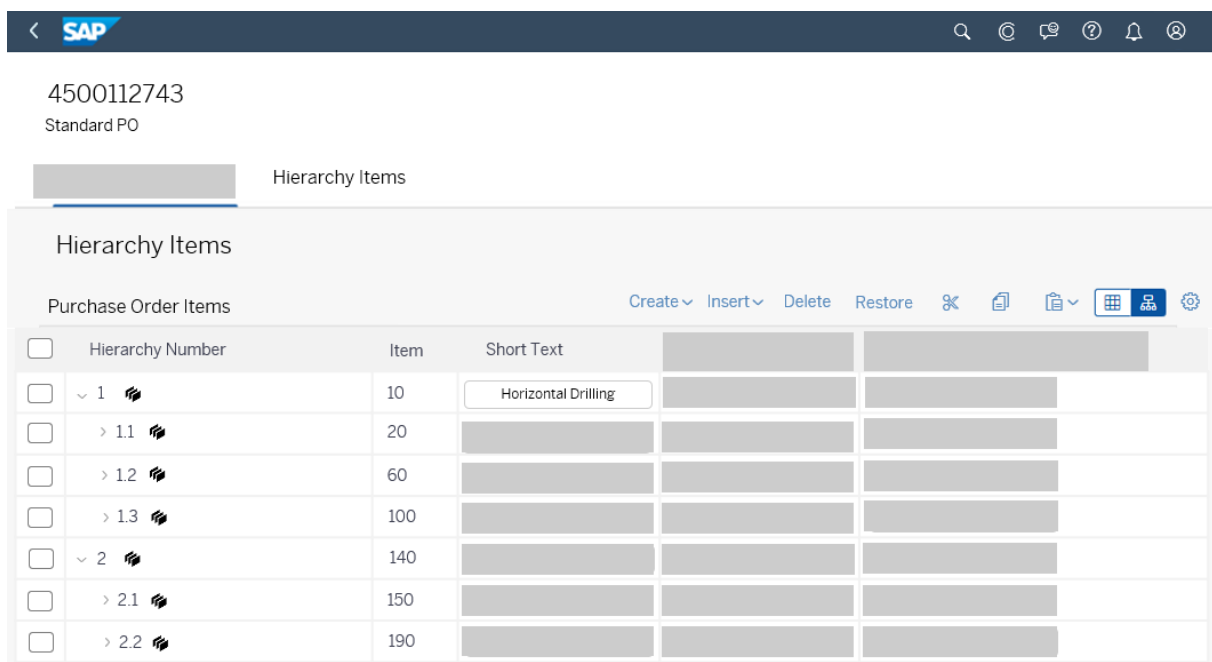
If item hierarchies are enabled in SAP S/4HANA Cloud, you can now

- create purchase requisitions and purchase orders with item hierarchies in SAP S/4HANA Cloud
- confirm purchase order with item hierarchies in Ariba Network
- display the hierarchy number of each item in proofs of service in SAP Fieldglass
- create invoices for purchase orders with item hierarchies for service and material items in Ariba Network.

Note

The following screenshots are available in English only. This procedure is based on default content and UIs. Depending on your configuration settings and the business object, the procedure and the UI may be slightly different.

Item Hierarchies in SAP S/4HANA Cloud



If item hierarchies are enabled, you can create purchase requisitions and purchase orders with item hierarchies in SAP S/4HANA Cloud. For more information on item hierarchies in SAP S/4HANA Cloud, see [Item Hierarchies](#). Here you can also find example guides on how to create item hierarchies.

Item Hierarchies in Ariba Network

The screenshot displays the SAP Business Network interface for a Purchase Order (4500112743). The interface includes a header with the SAP logo and 'Business Network' text. Below the header, there is a 'Purchase Order: 4500112743' label and a 'Done' button. A 'Create Order Confirmation' button is also visible. The main section is titled 'Order Detail' and contains a 'Line Items' table. The table has columns for 'Line #', 'No. Schedule Lines', 'Part #', and several empty columns. The table lists two main line items, 1 and 2, each with sub-items (1.1, 1.2, 1.3, 2.1, 2.2). The descriptions for these items are 'Horizontal Drilling' and 'Non-Catalog-Item'. The table is partially obscured by redacted areas.

Line #	No. Schedule Lines	Part #				
1		Non-Catalog-Item				
1.1		Non-Catalog-Item				
1.2		Non-Catalog-Item				
1.3		Non-Catalog-Item				
2		Non-Catalog-Item				
2.1		Non-Catalog-Item				
2.2		Non-Catalog-Item				

In Ariba Network, you can then confirm the purchase orders. Items are also displayed in item hierarchies.

Item Hierarchies in SAP Fieldglass

The screenshot shows the SAP Fieldglass interface for 'Statements of Work List'. The top navigation bar includes 'Home', 'View', 'Create', 'Analytics', and 'PMO Dashboard'. The main header displays the ID '4500112743' and buttons for 'Actions', 'Comments', and 'Favorites'. Below the header, there are filters for 'Progress' (with status icons), 'Status' (set to 'Approved'), 'Statement of Work ID', 'Period', and 'Supplier'. The 'Characteristics' tab is active, showing a table of items. The table has columns for '#', 'Status', 'Sequence Number', and 'Name'. The items listed are:

#	Status	Sequence Number	Name
2	Created	1	Horizontal Drilling
3	Created	1 1.1	
4	Created	1 1.1 1.1.1	
5	Created	1 1.1 1.1.2	
6	Invoiced	1 1.1 1.1.3	
7	Created	1 1.2	
8	Created	1 1.2 1.2.1	
9	Created	1 1.2 1.2.2	
10	Created	1 1.2 1.2.3	
11	Created	1 1.3	

Once a purchase order is fully confirmed, performers can create proofs of service in SAP Fieldglass. The hierarchy number of each item is displayed in the [Sequence Number](#) field.

Once a proof of service is approved, suppliers can create supplier invoices with item hierarchies in Ariba Network.

Effects on Configuration

You, as a configuration expert, need to enable item hierarchies in purchasing in SAP S/4HANA Cloud. In your configuration environment, use the search function to open the following activity: [Item Hierarchy](#) (Sourcing and Procurement: General Settings). Then, turn on the switch by configuring the step [Activate Item Hierarchies in Purchasing](#). By default this configuration step is switched off.

Note that you **cannot** deactivate the step once you have switched it on. Once enabled, you can use item hierarchies for purchase contracts, purchase orders, purchase requisitions, and the app [Manage Model Product Specifications](#) (otherwise this app is disabled). There might be minor differences of the UI design depending on the business object.

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Service Procurement with Ariba Network and SAP Fieldglass \(4R2\)](#)

[SAP Best Practices Explorer](#)

11.2 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 81\]](#).

12 Supply Chain

12.1 Delivery and Transportation

12.1.1 Delivery Management

12.1.1.1 Output Type for Outbound Deliveries: Packing List

You can generate packing lists for outbound deliveries. A packing list contains a series of handling units and the products in them. You can see data such as the quantities and serial numbers contained in each handling unit. In addition, there is a form template that you can copy to extend the details in the packing list.

Technical Details

Type	New
Functional Localization	Not Applicable
Scope Item	2TX (Sell from Stock) BD9 (Direct Procurement with Inbound Delivery) BDD (Lean Customer Returns) 4MM (Handling Unit Management)
Technical Object Name	FDP_PACKING_LIST
Preparation Required	Yes
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div><div>i Note</div><div>For more information, see Overview of Software and Content Upgrade.</div></div>	
Application Component	LE - SHP - GF (<i>Basic Functions</i>) For incidents use LO - HU - BF - OM (<i>Handling Unit Management Output</i>)

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Effects on Configuration

To ensure that packing lists work correctly, you may need to add them to the S/4HANA Output Management. For more information, see [Configuring SAP S/4HANA Output Control](#).

Related Information

[Packing List](#)

12.1.1.2 ODATA API: Inbound Delivery (A2X)

Some operations have been changed to allow you to update the ActualGoodsMovementDate optional parameter.

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	2TX (Direct Procurement with Inbound Delivery)
Technical Object Name	API_INBOUND_DELIVERY_SRV_0002
Preparation Required	Not applicable

Relevant If You Have a 3-System Landscape: No

Latest Reference Content Version Required

Note

For more information, see [Overview of Software and Content Upgrade](#).

Application Component

LE - SHP - API ([Interfaces for Delivery Documents \(API\)](#))

Valid as Of

SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

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

You can pass the `ActualGoodsMovementDate` parameter to the following operations:

- Create Inbound Delivery (`A_InbDeliveryHeader`)
- Create Inbound Delivery (`A_InbDeliveryHeader(' {DeliveryDocument} ')`)
- Post Goods Receipt (`PostGoodsReceipt`)

Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

12.2 Country/Region Specifics

For country/region-specific changes, please see [Country/Region Specifics \[page 81\]](#).

13 Integration

13.1 Business Network Integration

13.1.1 Guided Buying Capability with SAP Ariba Buying (2NV)

The scope item supports the following:

- Account assignment categories asset, order, and blank (for items with material number)
- UoM mappings
- Requesting contracted items
- Tactical sourcing
- Team buying
- Purchase order price type
- Storage locations in inventory reservation requests
- Mutual TLS authentication for outbound OData calls

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	2NV (Guided Buying Capability with SAP Ariba Buying)
Technical Object Name	Not applicable
Preparation Required	No
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div><div>i Note</div><div>For more information, see Overview of Software and Content Upgrade.</div></div>	
Application Component	BNS - INT - ARI (Ariba Integration with S/4HANA)
Valid as Of	SAP S/4HANA Cloud 2208.2


Additional Details

You can receive storage location from guided buying requests and create reservations against storage location in SAP S/4HANA Cloud for reservation-relevant purchase requisitions. For more information on new or changed features, see [What's new in SAP Ariba](#).

- Enter the feature ID in the [Search](#) field at the top of the [SAP Ariba new features](#) table to find a feature.
- Click [See More](#) in the [Description](#) of the feature to access detailed documentation.

Feature ID	Feature Title
GB-19439	Support for storage locations in inventory reservation requests in the 2NV and 3EN integration scenarios
GB-11384	Support for account assignment categories A (asset), F (order), and N (network) in the 2NV and 3EN integration scenarios
GB-17624	Support for sending UoM mappings in requests to SAP S/4HANA or SAP S/4HANA Cloud in the 2NV and 3EN integration scenarios
GB-17638	Support for setting account assignment category to blank for items with a material number in the 2NV and 3EN integration scenarios
GB-18396	Support for requesting contracted items and sending the requests to SAP S/4HANA Cloud in the 2NV and 3EN integration scenarios
GB-18544	Support for tactical sourcing in the 2NV and 3EN integration scenarios for SAP S/4HANA or SAP S/4HANA Cloud
GB-18545	Support for team buying in the 2NV and 3EN integration scenarios
GB-19437	Support for transferring the purchase order price type in the 2NV and 3EN integration scenarios and transferring the source determination flag in the 2NV integration scenario in guided buying requests
GB-19439	Support for storage locations in inventory reservation requests in the 2NV and 3EN integration scenarios
GB-19743	Mutual TLS authentication for outbound OData calls 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 \(2NV\)](#)

13.1.2 Guided Buying for Central Procurement with SAP Ariba Buying (3EN)

The scope item supports the following:

- Account assignment categories asset, order, and blank (for items with material number)
- UoM mappings
- Requesting contracted items
- Tactical sourcing
- Team buying
- Purchase order price type
- Storage locations in inventory reservation requests
- Mutual TLS authentication for outbound OData calls

Technical Details

Type	Changed
Functional Localization	Not applicable
Scope Item	3EN (Guided Buying for Central Procurement with SAP Ariba Buying)
Technical Object Name	Not applicable
Preparation Required	No
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div><div>i Note</div><div>For more information, see Overview of Software and Content Upgrade.</div></div>	
Application Component	BNS - INT - ARI (Ariba Integration with S/4HANA)

Additional Details

You can receive storage location from guided buying requests and create reservations against storage location in SAP S/4HANA Cloud for reservation-relevant purchase requisitions. For more information on new or changed features, see [What's new in SAP Ariba](#).

- Enter the feature ID in the [Search](#) field at the top of the [SAP Ariba new features](#) table to find a feature.
- Click [See More](#) in the [Description](#) of the feature to access detailed documentation.

Feature ID	Feature Title
GB-19439	Support for storage locations in inventory reservation requests in the 2NV and 3EN integration scenarios
GB-11384	Support for account assignment categories A (asset), F (order), and N (network) in the 2NV and 3EN integration scenarios
GB-17624	Support for sending UoM mappings in requests to SAP S/4HANA or SAP S/4HANA Cloud in the 2NV and 3EN integration scenarios
GB-17638	Support for setting account assignment category to blank for items with a material number in the 2NV and 3EN integration scenarios
GB-18396	Support for requesting contracted items and sending the requests to SAP S/4HANA Cloud in the 2NV and 3EN integration scenarios
GB-18544	Support for tactical sourcing in the 2NV and 3EN integration scenarios for SAP S/4HANA or SAP S/4HANA Cloud
GB-18545	Support for team buying in the 2NV and 3EN integration scenarios
GB-19437	Support for transferring the purchase order price type in the 2NV and 3EN integration scenarios and transferring the source determination flag in the 2NV integration scenario in guided buying requests
GB-19439	Support for storage locations in inventory reservation requests in the 2NV and 3EN integration scenarios
GB-19743	Mutual TLS authentication for outbound OData calls in the 2NV and 3EN integration scenarios

i Note

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Related Information

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

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

14 Country/Region Specifics

14.1 Australia

14.1.1 General Functions

14.1.1.1 Document and Reporting Compliance

14.1.1.1.1 Business Activity Statement

The *Business Activity Statement (BAS) Report* that you generate using the *Run Statutory Reports* app has been enhanced to support deferred GST on imports.

Technical Details

Type	Changed
Functional Localization	Localized for Australia
Scope Item	1J2 (<i>Compliance Formats - Support Preparation</i>)
Technical Object Name	Not applicable
Preparation Required	Yes
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div><div>i Note</div><div>For more information, see Overview of Software and Content Upgrade.</div></div>	
Application Component	FI - LOC - FI - AU (<i>Financials Australia</i>)
Valid as Of	SAP S/4HANA Cloud 2208.2

Effects on Configuration

For more information, see [Tax Box Mapping for Deferred GST on Imports](#).

Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Business Activity Statement \(BAS\) Report](#)

14.2 Brazil

14.2.1 General Functions

14.2.1.1 Protocol Number for NFe3

With this feature the system accepts the 16-digit protocol number for Energy Nota Fiscal - NF3e (model 66).

Technical Details

Type	Changed
Functional Localization	Localized for Brazil
Scope Item	1J5 (Invoice, Taxes and Complementary Postings) BNX (Consumable Purchasing)

Technical Object Name	CDS View: C_BR_VERIFYNOTAFISCAL I_BR_NFDOCUMENT I_BR_NFELECTRONIC_C I_BR_NFEACTIVE
Preparation Required	No
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
i Note For more information, see Overview of Software and Content Upgrade .	
Application Component	FI-LOC-MM-BR (<i>Materials Management for Brazil</i>)
Valid as Of	SAP S/4HANA Cloud 2208.2

i Note

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14.2.2 Finance

14.2.2.1 Treasury Management

14.2.2.1.1 Manual Assignment in the Tax Calculation

With this new feature, you can see the taxation during the manual assignment. The tax is calculated based on the available units in the individual lots.

Technical Details

Type	New
Functional Localization	Localized for Brazil
Scope Item	2UN (Money Market Mutual Fund Management)
Technical Object Name	App ID: FTR_CREATE
Preparation Required	No
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div>i Note For more information, see Overview of Software and Content Upgrade.</div>	
Application Component	FI - LOC - TRM (<i>Localization for Treasury</i>)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

14.3 Croatia

14.3.1 General Functions

14.3.1.1 Document and Reporting Compliance

14.3.1.1.1 Cash Flow Statement

You can use the *Run Statutory Reports* app to generate the cash flow statement that fulfill the requirements of the government in Croatia. You can use the indirect method and submit it by month/quarter/year to the tax authorities according to your business requirements.

Technical Details

Type	New
Functional Localization	Localized for Croatia
Scope Item	1J2 (Compliance Formats - Support Preparation)
Technical Object Name	Not applicable
Preparation Required	No
Relevant If You Have a 3-System Landscape:	Yes
Latest Reference Content Version Required	
<div>i Note For more information, see Overview of Software and Content Upgrade.</div>	
Application Component	FI - LOC - CF - HR (<i>Cash Flow Croatia</i>)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Cash Flow Statement](#)

14.3.1.1.2 VAT Return - Forms PDV and U-RA

With this feature, you can use the **Run Statutory Reports** app to generate the PDV and U-RA reporting files as part of the VAT Return for Croatia.

Technical Details

Type	New
Functional Localization	Localized for Croatia
Scope Item	1J2 (Compliance Formats - Support Preparation)
Technical Object Name	F1515
Preparation Required	Yes
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div>i Note For more information, see Overview of Software and Content Upgrade.</div>	
Application Component	FI - LOC - FI - HR (<i>Financials Croatia</i>)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

The HR_VAT_DCL (**Croatia VAT Return**) is available in the search help of the **Report Name** field in the **Run Statutory Reports** app so you can generate the VAT Return XML files.

Effects on Configuration

New configuration items have been added for making settings related to VAT Return. For more information about the report configuration, see [Configuration for VAT Return - Forms PDV and U-RA](#).


i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[VAT Return - Forms PDV and U-RA](#)


14.3.1.1.3 Electronic Document Processing - Manual Process

You can create electronic documents by manually submitting the invoice data in the tax authority portal (<https://www.fina.hr/izdavanje-e-racuna-pojedinačno-putem-web-aplikacije> ).

Technical Details

Type	New
Functional Localization	Localized for Croatia
Scope Item	Not applicable
Technical Object Name	Not applicable
Preparation Required	No
Relevant if You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div>i Note For more information, see Overview of Software and Content Upgrade.</div>	
Application Component	Not applicable
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx  for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

14.3.2 Finance

14.3.2.1 Handling Rejections during Payment Processing

You can process payment rejections and rejection reasons during your payment processing for Croatia in Finance.

Technical Details

Type	New
Functional Localization	Localized for Croatia
Scope Item	J60 (Accounts Payable)
Technical Object Name	App ID F1680
Preparation Required	Yes (feature activation required)
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div>i Note For more information, see Overview of Software and Content Upgrade.</div>	
Application Component	FI - AP - AP - B1 (<i>Payment Transfer</i>)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Effects on System Administration

This feature will not be automatically available in your system as of SAP S/4HANA Cloud 2208.2, but requires that you activate feature *New local version for Croatia - payment formats and bank statements*. For more details on the activation of features, see [Activate New Features](#).

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Processing Payment Formats](#)
[Processing Bank Statements](#)

14.3.2.2 Payment Formats and Bank Statements for Payment Processing

You can use payment medium formats and bank statement formats during your payment processing for Croatia in Finance.

Technical Details

Type	New
Functional Localization	Localized for Croatia
Scope Item	J59 (Accounts Receivable) J60 (Accounts Payable)
Technical Object Name	Not applicable
Preparation Required	No
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
i Note For more information, see Overview of Software and Content Upgrade .	
Application Component	FI - LOC - FI - HR (Financials Croatia)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

The following payment medium formats are available:

Payment Formats	Description
HR_CGI_XML_CT	The payment format is used for domestic and foreign credit transfers (outgoing payments). The format is based on the ISO 20022 payment initiation message (pain.001.001.03). The payment format corresponds to the specifications made by Common Global Implementation (CGI).
HR_CGI_XML_DD	The payment format is used for domestic and foreign direct debits (incoming payments). The format is based on the ISO 20022 payment initiation message (pain.008.001.02). The payment format corresponds to the specifications made by Common Global Implementation (CGI).

The following bank statement is available:

- CAMT.053, version 2 (CAMT.053.001.02)

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Processing Payment Formats](#)
[Processing Bank Statements](#)

14.4 Denmark

14.4.1 Finance

14.4.1.1 Splitting of Payment Files And Payment Format Extension in Contract Accounting

With this feature, you can split the payment files that are created using the DK_PBSXML000 format in Contract Accounting. You can also use a Business Add-In (BAI) to extend the structure of payment medium formats.

Technical Details

Type	Changed
Functional Localization	Localized for Denmark
Scope Item	Not applicable
Technical Object Name	App ID: F1868
Preparation Required	Yes
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div>i Note For more information, see Overview of Software and Content Upgrade.</div>	
Application Component	FI - LOC - CA - PAY (<i>FI-CA Payments Localization</i>)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

When you generate the payment file in the DK_PBSXML000 format using the [Manage Payment Media](#) app, the generated files are split. The splitting is based on whether the payments are done by a business partner with automatic payment mandate or with electronic/paper payment slips (that is, without a mandate). During the file generation, the payment details of a business partner with a mandate are collected in one payment file, and the payment details of a business partner without a mandate are collected in a separate payment file.

As a key user, you can extend the structure of a payment medium format according to your business needs using the [Adjust Payment Data \(for Customer\)](#) BAdI in the [Custom Logic](#) app.

Effects on System Administration

These functions will not be automatically available in your system as of SAP S/4HANA Cloud 2208.2 but requires that you activate the feature [Enhancement for payment formats for DK](#) (FTGL_500498). For more information on the activation of features, see [Activate New Features](#).

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under <https://support.sap.com/>

[content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx](#) for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Processing Payments in Contract Accounting for Denmark](#)

14.5 Italy

14.5.1 General Functions

14.5.1.1 Document and Reporting Compliance

14.5.1.1.1 Value Mappings EXCLUDE_LINE_ITEM_GL and GET_COUNTRY_CODE for Electronic Documents

This feature enables you to use new value mappings for electronic document processing.

For electronic customer invoices and electronic supplier invoices that you create on behalf of your supplier, you can use the following value mapping:

- **EXCLUDE_LINE_ITEM_GL**: Use this value mapping to map a company code to a G/L account. This ensures that line items are excluded from the XML of financial accounting documents and invoice verification documents.

For electronic invoices that you create on behalf of your supplier, you can additionally use the following value mapping:

- **GET_COUNTRY_CODE**: This value mapping is relevant if your business partner is located in Livigno or Campione d'Italia. Use this value mapping to map the postal code of your business partner to the external value OO required by the Italian tax authority.

Technical Details

Type	New
Functional Localization	Localized for Italy

Scope Item	J60 (Accounts Payable)
Technical Object Name	EXCLUDE_LINE_ITEM_GL GET_COUNTRY_CODE
Preparation Required	No
Relevant if You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
i Note For more information, see Overview of Software and Content Upgrade .	
Application Component	CA-GTF-CSC-ED0-IT (<i>Document Compliance Italy</i>)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Effects on Configuration

Maintain the value mappings in the *Configure Value Mapping* app for the /ED0IT namespace.

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Configuring Value for Exclusion of Line Items Based on G/L Accounts \(EXCLUDE_LINE_ITEM_GL\) \(Optional\)](#)

14.6 Portugal

14.6.1 General Functions

14.6.1.1 Document and Reporting Compliance

14.6.1.1.1 Annual VAT Declaration (Annex L and M)

When you run the [Annual VAT Declaration \(Annex L and M\)](#) report in the [Run Statutory Reports](#) app, the system now uses the latest XSD version 7. In addition, the XML output contains the required <R0ST0> section.

Technical Details

Type	New
Functional Localization	Localized for Portugal
Scope Item	1J2 (Compliance Formats - Support Preparation)
Technical Object Name	App ID: F1515
Preparation Required	No
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div>i Note For more information, see Overview of Software and Content Upgrade.</div>	
Application Component	FI - LOC - FI - PT (Financials Portugal)
Valid as Of	SAP S/4HANA Cloud 2208.2

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Annual VAT Declaration \(Annex L and M\)](#)

14.7 Saudi Arabia

14.7.1 General Functions

14.7.1.1 Document and Reporting Compliance

14.7.1.1.1 Electronic Documents for Saudi Arabia (Integration)

As of this release, you can create electronic documents, such as electronic customer or supplier invoices for Saudi Arabia and submit them to the tax authority.

Technical Details

Type	New
Functional Localization	Localized for Saudi Arabia
Scope Item	BD9 (Sell from Stock), J59 (Accounts Receivable), 1EZ (Credit Memo Processing), 1F1 (Debit Memo Processing), 2EQ (Sale of Services), 5XU (Document and Reporting Compliance)
Technical Object Name	Not Applicable
Preparation Required	Yes
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div>i Note For more information, see Overview of Software and Content Upgrade.</div>	
Application Component	CA-GTF-CSC-ED0-SA (Document Compliance Saudi Arabia)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Additional Details

The following apps are available for this feature:

Apps for Electronic Documents Processing

App Name	Description
eDocument Cockpit	You can convert transactional documents, such as invoices into XML format and submit them to the end receivers. Receive electronic documents from business partners, such as your suppliers, and further process them.
eDocument: Processing in Background	You can schedule jobs to run actions on the electronic documents in the background.
Generating Solution Unit ID	You can generate a unique ID called E-Invoicing Generation Solution (EGS) Unit ID which will be registered with tax authority. This ID is required to further request a cryptographic stamp identifier (CSID) for the EGS Unit ID.
Managing Solution Unit ID	You can manage the Solution Unit IDs that were created using the app Saudi Arabia: Generate Solution Unit ID .
Generating Cryptographic Stamp Identifier	You can generate a unique Cryptographic Stamp Identifier (CSID) from ZATCA for an E-Invoicing Generation Solution (EGS) Unit which was created using the Saudi Arabia: Generate Solution Unit ID app.

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

Effects on Existing Data

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

Effects on System Administration

You can archive electronic documents using the EDOCUMENT archiving object.

Effects on Configuration

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

- [Activate Source Type Documents for Company Code](#)

- [Define Interface Type for eDocument](#)
- [Assign eDocument Type to Accounting Document Type](#)
- [Assign eDocument Type to Invoice Verification Transaction](#)
- [Maintain Effective Date of Integration with Tax Authority](#)

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

Note

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Related Information

[Processing Customer Invoices \(Integration\)](#)

[Creating Self-Billing Electronic Invoices \(Integration\)](#)

14.7.1.1.2 IAM Objects in Saudi Arabia

Changes to identity and access management (IAM) objects have been delivered for Saudi Arabia.

Technical Details

Type	New
Functional Localization	Localized for Saudi Arabia
Scope Item	See the table below
Technical Object Name	See the table below
Preparation Required	Yes
Application Component	CA-GTF-CSC-ED0-SA (Document Compliance Saudi Arabia)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Effects on System Administration

For details about the IAM changes that have occurred between two releases of SAP S/4HANA Cloud, see the relevant SAP Note attached to [2975653](#) and the *Manage Business Role Changes After Upgrade* app.

You can use the *Business Role Templates* app and the *Business Catalogs* app to read a description of each business role template and business catalog, and to see the associated restriction types.

IAM Objects

Name of IAM Object	Object Type	Changes	Details	Relevant Scope Items
<i>Billing Clerk for Saudi Arabia</i> (SAP_BR_BILLING_C LERK_SA)	Business Role Template	New business role template	The following business catalog has been added to this business role template: <ul style="list-style-type: none"><i>Globalization - eDocument for Saudi Arabia</i>	Not Applicable
<i>Globalization - eDocument for Saudi Arabia</i> (SAP_SD_BC_GLO_ED OC_SA_PC)	Business Catalog	New business catalog	The <i>Globalization - eDocument for Saudi Arabia</i> SAP_SD_BC_GLO_EDOC_SA_PC business catalog has been created and the following apps have been assigned to it: <ul style="list-style-type: none">Generating Solution Unit IDManaging Solution Unit IDGenerating Cryptographic Stamp Identifier	Not Applicable

Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Identity and Access Management](#)
[Manage Business Role Changes After Upgrade](#)
[Business Catalogs](#)
[Business Role Templates](#)

14.8 Slovakia

14.8.1 Finance

14.8.1.1 History of Bank Accounts Validation

When you use the bank accounts validation solution for Slovakia, with this feature, you can view the history of online validation that have been conducted for your business partners using the *History of Online Checks* app. Validation check results are locally stored, so that they can be used for ongoing reference and audit purposes.

Technical Details

Type	New
Functional Localization	Localized for Slovakia
Scope Item	J60 (Accounts Payable)
Technical Object Name	App ID: OVF_HISTORY
Preparation Required	Yes (activation of a feature)
Relevant If You Have a 3-System Landscape:	No
Latest Reference Content Version Required	
<div><div>i Note</div><div>For more information, see Overview of Software and Content Upgrade.</div></div>	
Application Component	FI - LOC - FI - SK (<i>Slovakia</i>)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC9)

Effects on System Administration

To enable users to access this app, their business users need to have the SAP_FIN_BC_BAR_AUDIT_SK_PC business catalog enabled for the *History of Online Checks* app.

Effects on Configuration

This new solution will not automatically be available in your system as of SAP S/4HANA Cloud 2208.2 but requires that you activate the feature *History of Bank Accounts Validation for Slovakia* (FTGL_SK_BANK_ACCNT_VALID_LOG). For more details on the activation of features, see [Activate New Features](#).

For the **Maintain Online Validation Checks** configuration activity, select the checkbox *Save* for those result codes, that you want to store in the history of bank accounts validation.

Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

Related Information

[Bank Accounts Validation](#)

14.9 Switzerland

14.9.1 General Functions

14.9.1.1 Document and Reporting Compliance

14.9.1.1.1 Electronic Document Processing

As of this release, you can create electronic documents, such as electronic customer or supplier invoices for Switzerland.

Technical Details

Type	New
Functional Localization	Localized for Switzerland
Scope Item	BD9 (Sell from Stock), J59 (Accounts Receivable), J60 (Accounts Payable), 5XU (Document and Reporting Compliance)
Technical Object Name	see table below
Preparation Required	Yes
Latest Reference Content Version Required	No
<div>i Note For more information, see Overview of Software and Content Upgrade.</div>	
Application Component	CA - GTF - CSC - ED0 - CH (<i>Document Compliance Switzerland</i>)
Valid as Of	SAP S/4HANA Cloud 2208.2 (HFC10)

Additional Details

The following apps are available for this feature:

Apps for Electronic Documents Processing

App Name	Description
eDocument Cockpit	You can convert transactional documents, such as invoices into XML format and submit them to the end receivers. Receive electronic documents from business partners, such as your suppliers, and further process them.
eDocument: Processing in Background	You can schedule jobs to run actions on the electronic documents in the background.
Schedule eDocument Jobs - General	You can automate some actions to run in the background by scheduling jobs.

Effects on System Administration

You can archive electronic documents using the EDOCUMENT archiving object.

Effects on Configuration

Make settings for creating electronic documents. In your customizing environment, search for the following configuration options:

- *Activate Source Type Document for Company Code*
- *Assign eDocument Type to Accounting Document Type*

i Note

The way certain features and functions work in your SAP S/4HANA Cloud system can depend on the countries/regions and the selected scope activated in your system, as well as the country/region availability of this scope. You can check the availability matrix under https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/General/Availability_Dependencies_EN_XX.xlsx for details. As the country/region availability can change with the next upgrade, please check the availability matrix for scope items of interest to you after the next upgrade.

14.10 Functions Relevant for Several Countries/Regions

14.10.1 General Functions



14.10.1.1 Document and Reporting Compliance

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Example Code

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