



What's New | PUBLIC

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What's New in SAP S/4HANA and SAP S/4HANA Cloud Private Edition 2022 SPS06

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1 What's New

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

2 Cross Components

2.1 Master Data Maintenance

2.1.1 Customer/ Supplier Master Data

2.1.1.1 UI Changes in Maintain Business Partner Report

Business Details

With this release, the user interface of the *Maintain Business Partner* report (transaction *BP*) was changed. The fields for customer and supplier blocking were moved to new locations.

You can find an overview of all changes in below table:

Note

The fields remain visible in their original locations on the UI but are no longer editable there. Please refer to the table below for information on where these settings can now be made.

Business Partner Role: Customer (Accounting/ Sales)

Business Partner Role	Fields	Old Location	New Location
Customer (Accounting)	<i>Posting Block for All Company Codes</i>	In the <i>Company Code</i> data area, on the <i>Customer: Status</i> tab.	In the <i>General Data</i> area, on the new <i>Customer: Status</i> tab.
Customer (Sales)	<ul style="list-style-type: none"><i>Sales Order Block</i><i>Delivery Block</i><i>Billing Block</i><i>Block Sales Support</i> for <i>All Sales Areas</i>	In the <i>Sales and Distribution</i> data area, on the <i>Status</i> tab.	In the <i>General Data</i> area, on the new <i>Customer: Status</i> tab.

Business Partner Role: Supplier (Accounting/ Purchasing)

Business Partner Role	Fields	Old Location	New Location
Supplier (Accounting)	<i>Posting Block for All Company Codes</i>	In the <i>Company Code</i> data area, on the <i>Vendor: Status</i> tab.	In the <i>General Data</i> area, on the new <i>Supplier: Status</i> tab.

Business Partner Role	Fields	Old Location	New Location
Supplier (Purchasing)	<i>Purchasing block</i>	In the <i>Purchasing</i> data area, on the <i>Purchasing Data</i> tab under <i>Additional Purchasing Data</i> .	In the <i>General Data</i> area, on the new <i>Supplier: Status</i> tab.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	SAPLBUPA_DIALOG_JOEL
Application Component	CA-FS-CVI (<i>Customer Vendor Integration – FS-BP part</i>)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2022 SPS06

2.2 Classification System

2.2.1 Classification System: Small Enhancements as Part of Continuous Influence Program

Business Details

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

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
CA-CL (<i>Classification</i>)	Enlarged Characteristic Value Maintenance Screen Improving Usability in CT04	SAP_ABA 75H	New	299448	3429021
CA-CL (<i>Classification</i>)	Record Changes of Descriptions on Characteristic and/or Values Level	SAP_ABA 75H	New	299450	3429227

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	CA-CL (<i>Classification</i>)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2022 SPS06

2.3 Document Management

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

Business Details

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

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
CA-DMS (<i>Document management</i>)	Multiple File Upload Available When Using Simple Create Document Functionality	S4CORE 107	New	301787	3517321

These improvements are valid for all countries.

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

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	CA-DMS (<i>Document Management</i>)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2022 SPS06

2.4 Joule Capabilities Supported

Business Details

For detailed information on new Joule features in SAP S/4HANA Cloud Private Edition, refer to the [What's New for Joule](#), and filter for SAP S/4HANA Cloud Private Edition.

Technical Details

Type	New
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Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	CA-FLP-EXT-JOU (<i>Joule integration with FLP</i>)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2022 SPS06

Related Information

[Joule in SAP S/4HANA Cloud Private Edition](#)
[Integrating Joule with SAP S/4HANA Cloud Private Edition](#)
[What's New for Joule](#)

2.5 Country/Region Specifics

For country/region-specific changes, please see [What's New for Functional Localizations in SAP S/4HANA](#).

3 Finance

3.1 Financial Operations

3.1.1 Manage Credit Accounts

Business Details

Financial statement data that have been sent by credit agencies via SAP S/4HANA Cloud for credit integration are now displayed in the [Manage Credit Accounts](#) app.

Via SAP S/4HANA Cloud for credit integration, credit agencies can send financial statement data as additional data in their credit reports. With the new integration, you can see them in the [Manage Credit Accounts](#) app in the [Financial Statement Data](#) section.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	1RY (Credit Agency Integration)
Technical Object Name	App ID: F4596
Application Component	FIN-FIO-CCD-CR (Fiori UI for Credit Management) FIN-FSCM-CR (Credit Management) FIN-FSCM-CAI (Credit Agency Integration)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2022 SPS06

Related Information

[Manage Credit Accounts](#)
[Available Fields for Financial Statement Data](#)

3.2 Country/Region Specifics

For country/region-specific changes, please see [What's New for Functional Localizations in SAP S/4HANA](#).

4 Manufacturing

4.1 Quality Management

4.1.1 Quality Management: Small Enhancements as Part of SAP Continuous

Business Details

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

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
QM-PT (<i>Quality Planning</i>)	Print List for Tasklists With <i>My Default</i> Using Transaction QP05N	S4CORE 107	New	329631	3580094

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	QM (<i>Quality Management</i>)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2022 SPS06

4.2 Country/Region Specifics

For country/region-specific changes, please see [What's New for Functional Localizations in SAP S/4HANA](#).

5 R&D/Engineering

5.1 Enterprise Portfolio and Project Management

5.1.1 SAP Portfolio and Project Management

5.1.1.1 Portfolio Management

5.1.1.1.1 Portfolio Management: Small Enhancements as Part of SAP Continuous Influence Program

Business Details

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

Application Component	Improvement Description	Software Component	Product Features are (New/Changed)	Improvement Request ID	SAP Note
PPM-PFM (<i>Portfolio Management</i>)	Mass Analysis of Change Documents with Report /RPM/ CDOC_ANALYZE	S4CORE 107	New	314598	3560661

These improvements are valid for all countries.

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

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	Not applicable
Application Component	PPM-PPM (<i>Portfolio Management</i>)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2022 SPS06

5.1.1.2 Project Management

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

Business Details

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

Application Component	Improvement Description	Software Component	Product Features are (New/ Changed)	Improvement Request ID	SAP Note
PPM-PRO (<i>Project Management</i>)	Distribute Remaining Work in Role-Task Assignments	S4CORE 107	New	301283	3421220
PPM-PRO (<i>Project Management</i>)	Gantt Chart Legend	S4CORE 107	New	310974	3486391
PPM-PRO (<i>Project Management</i>)	Individual Phase/ Task Transferred to Project System Based on Status	S4CORE 107	New	301505	3544740
PPM-PRO (<i>Project Management</i>)	Uniqueness Check for Project Element Phase and Tasks	S4CORE 107	New	318743	3591747
PPM-PRO (<i>Project Management</i>)	Include Multiple Roles	S4CORE 107	New	313428	3571638

These improvements are valid for all countries.

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

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	PPM-PRO (<i>Project Management</i>)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2022 SPS06

6 Sales

6.1 Order and Contract Management

6.1.1 Special Business Processes in Order and Contract Management

6.1.1.1 Suppress Intercompany Supplier Invoice Creation in Advanced Intercompany Sales

Business Details

You can suppress the automatic creation of intercompany supplier invoice during the intercompany billing process in advanced intercompany sales. To do this, use the Business Add-In (BAdI) `BADI_SDBIL_CTRL_SIIC_CREATION`. This BAdI is called during the creation of intercompany customer invoice within the value chain monitoring framework. It allows you to suppress the creation of intercompany supplier invoice using the data from intercompany customer invoice obtained from the billing document.

Implementation Details

Customizing

You can access the BAdI `BADI_SDBIL_CTRL_SIIC_CREATION` in Customizing under:

- ▶ [Sales and Distribution](#) ▶ [Sales](#) ▶ [Sales Documents](#) ▶ [Integration with Value Chain Monitoring](#) ▶ [BAdI: Suppress Intco. Supplier Inv. Creation in Adv. Intco. Sales](#) ▶
- ▶ [Sales and Distribution](#) ▶ [Billing](#) ▶ [Business Add-Ins \(BAdIs\)](#) ▶ [BAdI: Suppress Intco. Supplier Inv. Creation in Adv. Intco. Sales](#) ▶

Technical Details

Type	New
Functional Localization	Not applicable

Scope Item	5D2 (Advanced Intercompany Sales)
Technical Object Name	Not applicable
Application Component	SD-SLS (Sales)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2022 SPS06

Related Information

[Prerequisites for Advanced Intercompany Sales](#)

6.2 Joule Capabilities for Sales Supported

Business Details

For detailed information on new Joule features for Sales in SAP S/4HANA Cloud Private Edition, refer to the [What's New for Joule](#), and filter for SAP S/4HANA Cloud Private Edition.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	CA-FLP-EXT-JOU (Joule integration with FLP)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2022 SPS06

Related Information

[Joule for Sales in SAP S/4HANA Cloud Private Edition](#)

6.3 Country/Region Specifics

For country/region-specific changes, please see [What's New for Functional Localizations in SAP S/4HANA](#).

7 Service

7.1 WebClient UI Framework

7.1.1 Upgrade of TinyMCE with Newer Version

Business Details

The TinyMCE editor used in WebClient UI apps has been upgraded to version 6.8. The new version is used as default. The supported features and functionality are the same as before. For more information, see SAP Note [3369044](#).

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	CA-WUI-UI (<i>WebClient UI</i>)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2022 SPS06

8 Integration

8.1 Integration with Industry Cloud Solutions from SAP

8.1.1 Replication of Custom Fields for Product Master Data

Business Details

With this feature, you can enhance the logic used to replicate business object data of products from SAP S/4HANA to data ingestion for industry cloud solutions by enabling the replication of custom fields including the values that have been maintained for them for the *Basic Data* views of the product master data.

Implementation Details

Before you can start performing the steps that are required to enhance the replication logic, you must ensure the following:

- In the article master maintenance (transactions MM41 and MM42), custom fields have been maintained for at least one of the *Basic Data* views of the product master data.
- You ingest product data using the product entity version 4.1.0 or higher.

Customizing

If you want to replicate custom fields including the values that are maintained for them for the *Basic Data* views of the product master data from SAP S/4HANA to data ingestion for industry cloud solutions, you must create a new enhancement implementation for the BAdI definition BADI_CIC_ENTITY_EXT to map the content of your custom fields to the generic `Extension` property.

For information about the steps that are required to enable the replication, refer to [Replicating Custom Fields for Product Master Data](#).

Effects on Existing Data

As soon as you are done with enhancing the replication logic, make sure to start an initial replication using transaction DRFOUT (*Execute Data Replication*).

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: BADI_CIC_ENTITY_EXT
Application Component	CA-ICS-INT-PRD (<i>Product</i>)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2022 SPS06

Related Information

[Replicating Custom Fields for Product Master Data](#)

8.2 Integration with SAP Business Data Cloud

Business Details

Integration between SAP S/4HANA Cloud Private Edition and SAP Business Data Cloud is now possible. SAP Business Data Cloud unifies and governs all SAP data and seamlessly connects with third-party data. This enables leaders to make impactful decisions.

Note

This integration is available for SAP S/4HANA Cloud Private Edition versions 2021, 2022, 2023, and 2025.

Integration with SAP Business Data Cloud enables the transfer of business data from SAP S/4HANA Cloud Private Edition to SAP Business Data Cloud. For more information, refer to [Integration with SAP Business Data Cloud](#).

Technical Details

Type	New
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Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	CA-BDC-INT (<i>Manual connectivity setup guide between S4 and BDC</i>)
Availability	SAP S/4HANA Cloud Private Edition
Valid as Of	2022 SPS06

Related Information

[SAP Business Data Cloud](#)

8.3 Country/Region Specifics

For country/region-specific changes, please see [What's New for Functional Localizations in SAP S/4HANA](#).

9 Country/Region Specifics

For country/region-specific changes, please see [What's New for Functional Localizations in SAP S/4HANA](#).

10 Industries

10.1 Consumer

10.1.1 Retail and Fashion

10.1.1.1 Retail for Merchandise Management

10.1.1.1.1 Planned Independent Requirements (PIRs) in Rapid Replenishment Planning

Business Details

With this feature, you as a replenishment specialist for retail stores can now use the [Rapid Replenishment Planning](#) (WRP1R) app to choose planned independent requirements (PIRs) as an alternative or additional demand input for store replenishment.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: WRP1R
Application Component	LO-RFM-PUR-RRP (Purchasing)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2022 SPS06

Related Information

[Replenishment: Logistical Products](#)

10.1.1.1.2 Enhancement to POS Outbound Messages

Business Details

With this feature, you can view additional fields in the SOAP XML structure to replicate product master data from SAP S/4HANA system to the POS system, when you use [Product Merchandise Data – Replicate](#) SOAP service with DRFOUT implementation.

- StoreSaleStartDate
- StoreSaleEndDate
- ProductSalesProcessUsabilityProfileCode
- ProductSalesProcessUsabilityProfileValidityDate
- ProductSalesStatusDescription

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Not applicable
Application Component	LO-RFM-IFC-OUT (POS Interface - Outbound)
Availability	SAP S/4HANA
Valid as Of	2022 SPS06

10.1.1.1.3 Activate SLS Sub-items Without Additional in Collective Purchase Orders

Business Details

This feature enables you to determine supplementary logistics services (SLS) for prepacking articles without additional, in collective purchase orders. This makes cross-docking more efficient within the merchandise distribution process.

Implementation Details

Implement the BAdI [Activate SLS Sub-items without Additional](#) (RFM_COLLV_PO_SLS) to get SLS functions.

Customizing

Implement the business add-in in customizing for [Logistics - General](#) > [Merchandise Distribution](#) > [BAdI: Activate SLS Sub-items without Additional](#) >.

Effects on Existing Data

After you implement this Business Add-In, the system automatically creates sub-items in collective purchase orders for articles determined by settings in article and site master data. You no longer need additional article linked with the cross-docking article. You will notice that the additional artifacts are not changed or used in the new SLS process after implementing the Business Add-In.

Technical Details

Type	New
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	BAdI: RFM_COLLV_PO_SLS
Application Component	LO-RFM-MDS (Merchandise Distribution)
Availability	SAP S/4HANA and SAP S/4HANA Cloud Private Edition
Valid as Of	2022 SPS06

Related Information

[Supplementary Logistics Services \(SLS\)](#)

10.1.2 Consumer Products

10.1.2.1 Last Mile Distribution for Direct Distribution

10.1.2.1.1 Assignment of Additional Visits to Van Sales Routes (Paper-Based Scenario)

Business Details

This feature supports the processing of van sales routes, by allowing settlement clerks to assign additional visits and related documents to van sales routes in a paper-based scenario.

Note

This feature is available as of the following releases:

- SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2022
- SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2023

Van sellers perform ad-hoc sales of products loaded on a van at sales locations. Typically, a van sales route consists of a number of planned stops (visits); however, in some cases, a van seller might need or decide to stop at additional sales locations on a route (unplanned visits). This makes it necessary to add unplanned visits to a route during route execution. Previously, a van seller had to download all information related to a route to a mobile device and record activities that occurred on a route by using a mobile device (mobile scenario). Now, it is also possible for settlement clerks to record route data of van sales routes after final check-in in a paper-based scenario.

Furthermore, settlement clerks can now assign additional visits to a route after final check-in.

Note

This feature is also available for delivery routes. For more information, see [Assignment of Additional Visits to Delivery Routes \(Paper-Based Scenario\) \[page 33\]](#).

Implementation Details

Van sellers perform ad-hoc sales and record products and quantities on printed documents. After route execution is completed, they return to the warehouse and hand over all printed route documents and collected payments to a settlement clerk. The settlement clerk then records and updates route data in the [Settle Route Data](#) app.

The settlement clerk must first add a visit and one related customer document to enter route data related to a visit in the system. This visit must be unplanned, meaning the customer was not originally assigned to the route during route assembly.

When a settlement clerk adds a visit for the relevant customer, they select the type of document to create for the visit. For more information, see [Creation of Customer Documents for Additional Visits on Van Sales Routes \(Paper-Based Scenario\) \[page 29\]](#).

Note

Each customer can only be visited once on each route. That is, a settlement clerk can assign a customer to only one visit on the same route.

If a visit was added by mistake, the settlement clerk can trigger the deletion by removing any manually added customer documents, provided the settlement clerk has manually added the visit. After the last related delivery document, return delivery document, or payment document has been deleted, the visit will be automatically deleted as well.

Authorizations

No additional authorizations are needed for this feature. However, settlement clerks require special authorization to use the app. For more information, see [Authorizations for the Settle Route Data App](#).

Effects on Existing Data

To add new visits in the *Settle Route Data* app, the settlement clerk navigates to the *Visits* tab and selects *Add Visit*. In the dialog box that opens, the settlement clerk selects the relevant customer (ship-to party) by using a value help (F4 help). The system then checks whether the visit's sales area data matches the route and whether the ship-to party is defined for the sales area.

Note

By default, the sales area is pre-filtered to match the route's sales area. Visits can only be added for customers with the same sales area as the route.

When additional visits are created, they are appended to the end of the list of visits.

Note

In SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2022, the *Visits* tab is called *Customer Documents*. On this tab, the following functions are available for this feature:

- *Add Document*: Add an additional document for an existing customer.
- *Add Customer*: Add a new customer to a route. This is equivalent to adding a new visit.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable

Technical Object Name	App ID: F4242
Application Component	LE-LMD (<i>Last Mile Distribution</i>)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2022 SPS06

Related Information

[Visit List Management](#)
[Settle Route Data](#)

10.1.2.1.2 Creation of Customer Documents for Additional Visits on Van Sales Routes (Paper-Based Scenario)

Business Details

This feature enables settlement clerks to create delivery and return delivery documents in a paper-based scenario for unplanned visits that have been added to van sales routes.

Note

This feature is available as of the following releases:

- SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2022
- SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2023

To facilitate the processing of van sales routes in a paper-based scenario, settlement clerks might have to enter data in the system that van sellers have recorded on printed documents during route execution. To do so, a settlement clerk can now add a new visit with one related document for the relevant customer. For more information, see [Assignment of Additional Visits to Van Sales Routes \(Paper-Based Scenario\) \[page 27\]](#). Then, the settlement clerk creates the relevant delivery or return delivery document in the system.

Note

This feature is also available for delivery routes. For more information, see [Creation of Customer Documents for Additional Visits on Delivery Routes \(Paper-Based Scenario\) \[page 35\]](#).

Implementation Details

Settlement clerks can now create delivery and return delivery documents for additional visits by using the [Settle Route Data](#) app.

Authorizations

No additional authorizations are needed for this feature. However, settlement clerks require special authorization to use the [Settle Route Data](#) app. For more information, see [Authorizations for the Settle Route Data App](#).

Effects on Existing Data

To add new visits in the [Settle Route Data](#) app, the settlement clerk navigates to the [Visits](#) tab and selects [Add Visit](#). In the dialog box that opens, the settlement clerk selects the relevant customer (ship-to party) by using a value help (F4 help). The system then checks whether the visit's sales area data matches the route and whether the ship-to party is defined for the sales area. Next, the settlement clerk chooses the type of the first document to be created for the new customer visit. This can be either a delivery document or a return delivery document.

If multiple documents are needed for the customer to be visited, the settlement clerk must first add the customer with one new document. Additional documents for the same customer can then be added by choosing [Add Document](#) on the visit detail page.

Note

If a visit was added by mistake, the settlement clerk can trigger the deletion by removing any manually added customer documents, provided the settlement clerk has manually added the visit. After the last related delivery document, return delivery document, or payment document has been deleted, the visit will be automatically deleted as well.

Note

In SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2022, the [Visits](#) tab is called [Customer Documents](#). On this tab, the following functions are available for this feature:

- [Add Document](#): Add an additional document for an existing customer.
- [Add Customer](#): Add a new customer to a route.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F4242

Application Component	LE-LMD (<i>Last Mile Distribution</i>)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2022 SPS06

10.1.2.1.3 Entry of Payment Data Related to Additional Visits (Paper-Based Scenario)

Business Details

This feature enables settlement clerks to record payments collected during additional visits in a paper-based scenario.

Note

This feature is available as of the following releases:

- SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2022
- SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2023

During route execution, drivers collect payments at different customer locations. When a settlement clerk adds additional visits to routes in a paper-based scenario, this feature allows them to create the relevant payment documents for those visits.

Additional visits must be unplanned, meaning the customer was not originally assigned to the route during route assembly. In a paper-based scenario, drivers record changes to the route on printed documents. After route execution is completed, these printed documents and collected payments are handed over to a settlement clerk who then enters the relevant route data in the system. For more information about the assignment of additional visits, see [Assignment of Additional Visits to Van Sales Routes \(Paper-Based Scenario\) \[page 27\]](#) and [Assignment of Additional Visits to Delivery Routes \(Paper-Based Scenario\) \[page 33\]](#).

Implementation Details

Collected payments are recorded in payment documents. For more information about payment documents in general, see [Payment Documents](#).

Authorizations

No additional authorizations are needed for this feature. However, settlement clerks require special authorization to use the app. For more information, see [Authorizations for the Settle Route Data App](#).

Effects on Existing Data

After the settlement clerk has added a visit and has selected the corresponding delivery or return delivery document in the *Settle Route Data* app on the *Visits* tab, the system automatically creates a related payment document for this visit.

Note

The payment document is visible when the visit has been created and the changes to the route have been saved.

The settlement clerk then enters the payment data related to the customer visit. Next, all collected payments must be recorded on the [Payments](#) tab; otherwise, the system will detect differences that are displayed on the [Differences](#) tab.

Note

If a visit was added by mistake, the settlement clerk can trigger the deletion by removing any manually added customer documents, provided the settlement clerk has manually added the visit. After the last related delivery document, return delivery document, or payment document has been deleted, the visit will be automatically deleted as well.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F4242
Application Component	LE-LMD (Last Mile Distribution)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2022 SPS06

Related Information

[Visit List Management](#)

[Settle Route Data](#)

[Payments](#)

[Creation of Customer Documents for Additional Visits on Van Sales Routes \(Paper-Based Scenario\) \[page 29\]](#)

10.1.2.1.4 Assignment of Additional Visits to Delivery Routes (Paper-Based Scenario)

Business Details

This feature enables settlement clerks to assign additional visits and related customer documents to delivery routes in a paper-based scenario.

Note

This feature is available as of the following releases:

- SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2022
- SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2023

Delivery drivers deliver ordered goods to customers. During route preparation, the delivery route and the related customer visits are planned. A typical delivery route therefore consists of a number of planned stops (visits). However, during route execution, a delivery driver might need or decide to stop at additional customer locations on a route (unplanned visits). This makes it necessary to add unplanned visits to a route during route execution. Previously, a delivery driver had to download all information related to a route to a mobile device and record activities that occurred on a route by using a mobile device (mobile scenario). Now, it is also possible for settlement clerks to record route data of delivery routes after final check-in in a paper-based scenario.

Note

This feature is also available for van sales routes. For more information, see [Assignment of Additional Visits to Van Sales Routes \(Paper-Based Scenario\) \[page 27\]](#).

Implementation Details

Delivery drivers deliver ordered goods and record products and quantities on printed documents. After route execution is completed, they return to the warehouse and hand over all printed route documents and collected payments to a settlement clerk. The settlement clerk then records and updates route data in the [Settle Route Data](#) app.

The settlement clerk must first add a visit and one related customer document to enter route data related to a visit in the system. This visit must be unplanned, meaning the customer was not originally assigned to the route during route assembly.

When a settlement clerk adds a visit for a new customer, they select the type of document to create for the new customer visit. For more information, see [Creation of Customer Documents for Additional Visits on Delivery Routes \(Paper-Based Scenario\) \[page 35\]](#).

Note

Each customer can only be visited once on each route. That is, a settlement clerk can assign a customer to only one visit on the same route.

If a visit was added by mistake, the settlement clerk can trigger the deletion by removing any manually added customer documents, provided the settlement clerk has manually added the visit. After the last

related delivery document, return delivery document, or payment document has been deleted, the visit will be automatically deleted as well.

Authorizations

No additional authorizations are needed for this feature. However, settlement clerks require special authorization to use the app. For more information, see [Authorizations for the Settle Route Data App](#).

Effects on Existing Data

To add new visits in the *Settle Route Data* app, the settlement clerk navigates to the *Visits* tab and selects *Add Visit*. In the dialog box that opens, the settlement clerk selects the relevant customer (ship-to party) by using a value help (F4 help). The system then checks whether the visit's sales area data matches the route and whether the ship-to party is defined for the sales area.

Note

By default, the sales area is pre-filtered to match the route's sales area. Visits can only be added for customers with the same sales area as the route.

When additional visits are created on the *Visits* tab, they are appended to the end of the list of visits.

Note

In SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2022, the *Visits* tab is called *Customer Documents*. On this tab, the following functions are available for this feature:

- *Add Document*: Add an additional document for an existing customer.
- *Add Customer*: Add a new customer to a route. This is equivalent to adding a new visit.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F4242
Application Component	LE-LMD (<i>Last Mile Distribution</i>)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2022 SPS06

10.1.2.1.5 Creation of Customer Documents for Additional Visits on Delivery Routes (Paper-Based Scenario)

Business Details

This feature enables settlement clerks to create delivery and return delivery documents in a paper-based scenario for unplanned visits that have been added to delivery routes.

Note

This feature is available as of the following releases:

- SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2022
- SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2023

To facilitate the processing of delivery routes in a paper-based scenario, settlement clerks might have to enter data in the system that delivery drivers have recorded on printed documents during route execution. To do so, a settlement clerk can now add a new visit with one related document for the relevant customer. For more information, see [Assignment of Additional Visits to Delivery Routes \(Paper-Based Scenario\) \[page 33\]](#). The settlement clerk can then enter the relevant route data in the system.

Note

This feature is also available for van sales routes. For more information, see [Creation of Customer Documents for Additional Visits on Van Sales Routes \(Paper-Based Scenario\) \[page 29\]](#).

Implementation Details

Settlement clerks can now create delivery and return delivery documents for additional visits in the [Settle Route Data](#) app.

Authorizations

No additional authorizations are needed for this feature. However, settlement clerks require special authorization to use the [Settle Route Data](#) app. For more information, see [Authorizations for the Settle Route Data App](#).

Effects on Existing Data

To add new visits in the [Settle Route Data](#) app, the settlement clerk navigates to the [Visits](#) tab and selects [Add Visit](#). In the dialog box that opens, the settlement clerk selects the relevant customer (ship-to party) by using a value help ([F4](#) help). The system then checks whether the visit's sales area data matches the route and whether the ship-to party is defined for the sales area. Next, the settlement clerk chooses the type of the first document to be created for the new customer visit. This can be either a delivery document or a return delivery document.

If multiple documents are needed for the customer to be visited, the settlement clerk must first add the customer with one new document. Additional documents for the same customer can then be added by choosing [Add Document](#) on the visit detail page.

📘 Note

If a visit was added by mistake, the settlement clerk can trigger the deletion by removing any manually added customer documents, provided the settlement clerk has manually added the visit. After the last related delivery document, return delivery document, or payment document has been deleted, the visit will be automatically deleted as well.

📘 Note

In SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2022, the *Visits* tab is called *Customer Documents*. On this tab, the following functions are available for this feature:

- *Add Document*: Add an additional document for an existing customer.
- *Add Customer*: Add a new customer to a route.

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	App ID: F4242
Application Component	LE-LMD (<i>Last Mile Distribution</i>)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2022 SPS06

10.1.2.1.6 Enhancement of Document Item Condition Types

Business Details

This feature supports additional document item condition types and introduces pricing conditions independent of SAP Omnichannel Promotion Pricing.

Previously, only fixed amount condition types were supported, such as granting customers a total discount of €10,00 or a fixed total price of \$100. With this feature, the range of supported condition types has been enhanced. In addition to fixed amount conditions, percentage, quantity, weight, and volume-based condition types can now be used. For example, you can now grant a discount of €10,00 for each quantity unit or offer a price reduction of 3% for each piece.

Furthermore, simple pricing conditions can now be used without SAP Omnichannel Promotion Pricing.

ⓘ Note

This feature is available as of the following releases:

- SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2022
- SAP S/4HANA Cloud Private Edition and SAP S/4HANA OP2023

Implementation Details

The new pricing conditions are considered during route planning, route execution, and route settlement. In a mobile scenario, drivers can download information about pricing conditions calculated in the back end (SAP S/4HANA Sales) and created during route assembly to their mobile devices. After route execution is completed, drivers can upload new or changed pricing conditions from their mobile devices to the back-end system. The OData service [Mobile Data for Last Mile Distribution \(LMD_MA\)](#) is used for all download and upload activities. For more information, see [Mobile Data for Last Mile Distribution](#) in the API documentation.

Effects on Existing Data

The following fields have been added to the LMD database table `LMD_COM_D_IM_CND`:

- `CONDITION_TYPE` (CDS field name: `ConditionType`, data element: `KSCHL`)
Stores SD pricing condition types of the condition record.

ⓘ Note

Maintain this field when the `CONDITION_PURPOSE_ID` is not provided. If both the CDS View fields `Condition Type` and `Purpose ID` are maintained, the `ConditionType` is prioritized, and the `PurposeID` is not used during route settlement.

- `CONDITION_CURRENCY` (CDS field name: `ConditionCurrency`, data element: `WAERS`)
Stores currency keys of condition rates. For fixed amounts, for example, 100 EUR or 50 EUR for each piece), the currency key `EUR` will be stored.

ⓘ Note

When conditions including percentages are used, this field is left empty.

- `CONDITION_QUANTITY` (CDS field name: `ConditionQuantity`, data element: `KPEIN`)
Stores the base quantity of rate condition types. For example, if the rate is 10 EUR for 5 pieces, **5** will be stored.

ⓘ Note

When fixed amounts or percentage condition types are used, this field is left empty.

- `CONDITION_QUANTITY_UNIT` (CDS field name: `ConditionQuantityUnit`, data element: `KVMEI`)
Stores the base unit of measure for rate condition types. For example, if the rate is 10 EUR for 5 pieces, `PC` will be stored.

ⓘ Note

When fixed amounts or percentage condition types, this field is left empty.

Furthermore, the OData service [Mobile Data for Last Mile Distribution](#) (LMD_MA) has been enhanced and the following properties have been added to the entity [Document Item Conditions](#):

- ConditionCurrency
- ConditionPurposeID
- Condition Quantity
- ConditionQuantityUnit

For more information about the [Document Item Conditions](#) entity, see [Document Item Conditions](#).

Technical Details

Type	Changed
Functional Localization	No localization
Scope Item	Not applicable
Technical Object Name	Database Table: LMD_COM_D_IM_CND
Application Component	LE-LMD (Last Mile Distribution)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA
Valid as Of	2022 SPS06

Related Information

[Integration with SAP Omnichannel Sales Promotions](#)

10.2 Energy & Natural Resources

10.2.1 Utilities

10.2.1.1 CDS Views for Sales Contract

Business Details

This feature enables you cater to the analytical and data extraction capabilities. CDS views are provided to fetch all fields related to a sales contract such as sales contract number, category, division type and so on.

The following CDS views are released.

CDS Views Released for Sales Contract

CDS View Name	Application Component	Solution Capability
Sales Contract Basic (I_EWA_SALESCONTRACT)	IS-U-WA	Sales Contract
Sales Contract Query (C_EWA_SalesContractQuery)		Query view for Sales Contract
Sales Contract Cube (I_EWA_SalesContractCube)		Cube view for Sales Contract
Sales Contract DEX (C_EWA_CtnLocSalesContrDEX)		Data Extraction for Sales Contract

Technical Details

Type	New
Functional Localization	Not applicable
Scope Item	Not applicable
Technical Object Name	See the table above
Application Component	IS-U-WA (<i>Waste Management</i>)
Availability	SAP S/4HANA Cloud Private Edition and SAP S/4HANA

Related Information



[CDS Views for Sales Contract](#)

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