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Administration Guide for SAP S/4HANA for Financial Products Subledger 2306

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1 About This Guide

This guide is the central starting point for the implementation of **SAP S/4HANA for financial products subledger** or **SAP S/4HANA, financial posting gateway**. It tells you how to install and implement Financial Products Subledger and also provides security and operations information.

This guide addresses the following target audience:

- System administrators
- Technical consultants
- Key users

📘 Note

Accounting for Enabled Emissions (AFEE) is part of **SAP S/4HANA for financial products subledger**. The information included in this guide applies to Accounting for Enabled Emissions as well, unless stated otherwise.

1.1 Document History

See what changes have been made to this document since it was first released.

📘 Note

The latest version of this document is available on SAP Help Portal at <https://help.sap.com/s4fpsl>.

Version	Date	Description
1.4	July 4, 2025	Version for SAP S/4HANA for financial products subledger 2306 SP04
1.3	December 13, 2024	Version for SAP S/4HANA for financial products subledger 2306 FP03
1.2	August 02, 2024	Version for SAP S/4HANA for financial products subledger 2306 FP02
1.1	December 08, 2023	Version for SAP S/4HANA for financial products subledger 2306 SP01
1.0	June 29, 2023	Initial version for SAP S/4HANA for financial products subledger 2306

1.2 Useful Links

The following resources provide access to more information about general topics, such as software downloads or customer incidents.

Resource	Where to Find It
User assistance for SAP S/4HANA for financial products subledger	https://help.sap.com/s4fpsl
User assistance for Accounting for Enabled Emissions	Accounting for Enabled Emissions (FS-GGA)
Information about creating customer incidents for SAP customers	https://support.sap.com/incident
Information about creating customer incidents for SAP Pioneer customers	https://sapioneerprod.service-now.com/csm
SAP Notes search	https://support.sap.com/notes
SAP Software Download Center	https://support.sap.com/swdc
Product Availability Matrix	https://support.sap.com/pam
Get Involved Early	https://support.sap.com/en/offerings-programs/get-involved-early.html
Sizing	https://www.sap.com/about/benchmark/sizing.html
Performance	https://www.sap.com/about/benchmark/sizing/performance.html
Information about support package stacks, latest software versions, and patch level requirements	https://support.sap.com/sp-stacks

1.3 Getting Support

If you encounter any problems with **SAP S/4HANA for financial products subledger**, either report an incident on SAP Support Portal or on Pioneer Customer Service Portal.

For SAP customers: To report an incident, go to SAP Support Portal at <https://support.sap.com/incident>. The relevant components are the following:

- For **SAP S/4HANA for financial products subledger**, it is **FS-FPS (Financial Products Subledger)**.
- For **Accounting for Enabled Emissions**, it is **FS-GGA (Accounting for Enabled Emissions)**.

For SAP Pioneer customers: To report an incident, go to Pioneer Customer Service Portal at <https://sapioneerprod.service-now.com/csm>.

2 About SAP S/4HANA for Financial Products Subledger

SAP S/4HANA for financial products subledger (also referred to here as Financial Products Subledger) is a comprehensive subledger for financial products for banks, insurance and reinsurance companies, fintechs, and other corporations. Deployed as an add-on to SAP S/4HANA, it is based on a highly simplified core and designed for large data volumes, making use of SAP HANA capabilities. With SAP Fiori user experience and a streamlined data model it is designed to run simple.

Combining financial and management accounting, Financial Products Subledger allows you to produce multiple, reconciled valuations for financial products.

Some features may require a separate license. For further information, please contact your SAP Account Executive.

Accounting for Enabled Emissions (AFEE) is a part of **SAP S/4HANA for financial products subledger**. It enables you to manage carbon accounting in the same way as you manage financial accounting. Financing data and emissions data, measured in carbon dioxide equivalents (CO₂e), are combined to create subledger journal entries for your carbon balance sheet.

The following two use cases are possible:

- You use **Accounting for Enabled Emissions** together with **SAP S/4HANA for financial products subledger**, and the financing data stems from there.
- You use **Accounting for Enabled Emissions** independently of **SAP S/4HANA for financial products subledger**, and import the financing data to the system.

Implementation Considerations

If you want to install the software components of **SAP S/4HANA for financial products subledger** in the context of the implementation project for a broader solution such as subledger accounting for insurance contracts, it is essential that you familiarize yourself with the content of the corresponding solution description before beginning the installation.

For more information, see the [Product Page for SAP S/4HANA for financial products subledger](#).

Integration

The back-end instance **SAP S/4HANA for financial products subledger** contains the business logic and is an add-on for SAP S/4HANA.

In addition, there is a front-end instance **Financial Products Subledger UI**, which contains Fiori applications as an add-on for SAP Fiori Front-End Server. These Fiori applications are not relevant for **SAP S/4HANA, financial posting gateway**.

You can choose to implement an embedded deployment with the back-end and front-end on the same server or to implement a hub deployment. When you are implementing the hub deployment option, you use separate servers for the back-end and front-end components in your landscape. You find further information for the landscape planning and installation of Fiori applications in the corresponding [SAP Fiori Implementation Information](#).

2.1 System Architecture for SAP S/4HANA for Financial Products Subledger

This section describes the technical system architecture and the software components involved.

SAP S/4HANA for financial products subledger (S4FPSL) is an add-on to the SAP S/4HANA core.

System Architecture

SAP Analytics Cloud (SAC), Business Warehouse (BW), and other SAP or third-party systems must be deployed separately.

The overall system architecture can look like this:



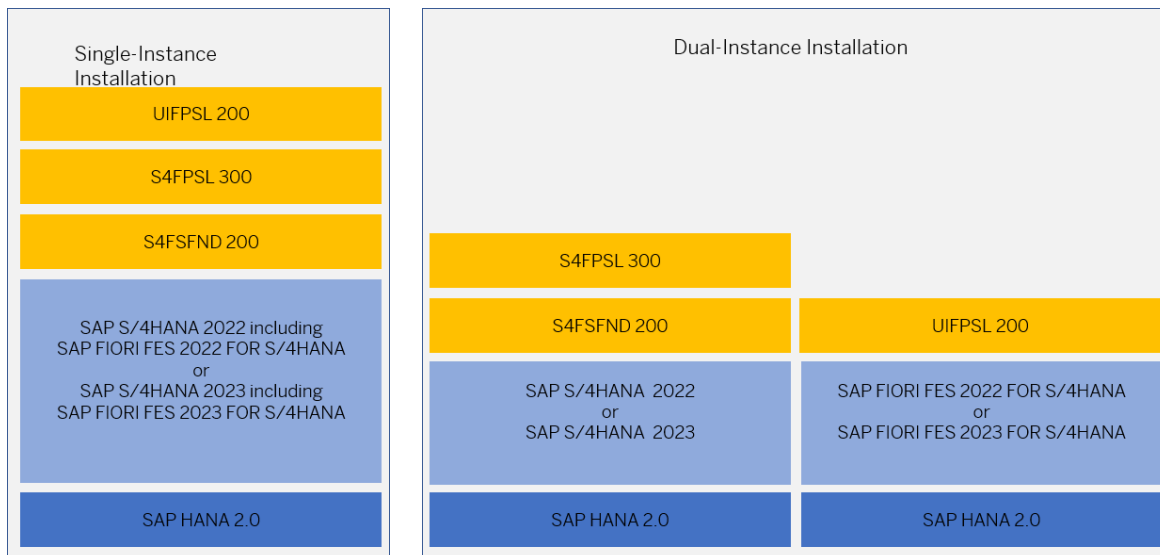
You can opt for a minimal system landscape, a maximal system landscape, or a mixed approach depending on your individual needs. In a minimal system landscape, as many components as possible are deployed together. In a maximal system landscape, as many components as possible are deployed separately.

Back End and Front End

For **SAP S/4HANA for financial products subledger**, you can choose between a single-instance installation (one software stack) and a dual-instance installation (two software stacks) as illustrated below.

In a single-instance deployment, you deploy the back end and front end together, whereas in a dual-instance installation, you deploy them separately.

- SAP S/4HANA 2022 or SAP S/4HANA 2023



Back End

Financial Products Subledger with its back-end applications is an add-on for SAP S/4HANA 2022 or SAP S/4HANA 2023. You must install the following product instance:

Product Instance	Release
SAP S/4HANA server	SAP S/4HANA 2022 or SAP S/4HANA 2023

You can then install the following instance of **Financial Products Subledger** with its comprised software components:

Product Instance	Required SAP S/4HANA version	Release	Comprised Software Component Versions
Financial Products Subledger	SAP S/4HANA 2022 or SAP S/4HANA 2023	SAP S/4HANA for financial products subledger 2306	S4FPSL 300 S4FSFND 200

Front End

Financial Products Subledger with its front-end SAP Fiori applications is an add-on for SAP FIORI FES 2022 FOR S/4HANA or SAP FIORI FES 2023 FOR S/4HANA.

Deployment Scenario	Product Instance	Release	Comment
Embedded	Financial Products Subledger	SAP S/4HANA for financial products subledger 2306	The required front-end server is part of the back-end software stack.

Deployment Scenario	Product Instance	Release	Comment
Hub	SAP Front-End Server 7.52 (Hub) or SAP Front-End Server 7.57 or SAP Frontend Server 7.58	SAP FIORI FES 2022 FOR S/4HANA or SAP FIORI FES 2023 FOR S/4HANA	

You can then install the following product instance of **Financial Products Subledger** with its comprised software component.

Product Instance	Release	Comprised Software Component Versions
Financial Products Subledger UI	SAP S/4HANA for financial products subledger 2306	UIFPSL 200

Hardware and Software Requirements

The minimum system requirements for **Financial Products Subledger** are described in SAP Note [3332935](#) for ABAP add-on S4FPSL 300, in SAP Note [3238110](#) for ABAP add-on S4FSFND 200, and in SAP Note [3069246](#) for UIFPSL 200.

You can find more information about sizing at <https://www.sap.com/about/benchmark/sizing.expert-sizing.html#expert-sizing>.

2.2 Overview of Required SAP Notes

The following SAP Notes are essential for installing, upgrading, and operating **SAP S/4HANA for financial products subledger**.


Make sure that you have the latest version of each SAP Note, which is available on the SAP Support Portal at <http://support.sap.com/notes>.

Note

Before you start the installation, have a look at the Release Information Notes [3328628](#), [3069369](#), and [3331588](#).

SAP Note Number	Title	Description
3328628	Release Information About S4FPSL300 Support Packages	Information about the add-on S4FPSL300

SAP Note Number	Title	Description
3069369	Release Information About UIFPSL200	Information about software component version UIFPSL200
1668882	Note Assistant: Important Notes for SAP_BASIS 730,731,740,750,751,752,753,754,755,756	Corrections to the Note Assistant. Always make sure you have the latest version of this SAP Note installed in your system before using transaction SNOTE or SPAU.
3093855	Note Assistant: Important SAP Notes for the Revamped Note Assistant	Allows you to automatically implement note corrections in your ABAP systems
3330659	SAP S/4HANA for Financial Products Subledger 2306: Business Content Installation	How to install Business Content for SAP S/4HANA for financial products subledger.
3533825	Accounting for Enabled Emissions - Business Content Installation	How to install Business Content for Accounting for Enabled Emissions . This is only relevant if you use Accounting for Enabled Emissions .
2722778	Configuration for Integrating Financial Products Subledger with General Ledger	You want to integrate Financial Products Subledger with General Ledger.
3332935	Release Strategy and Maintenance Information for the ABAP Add-On S4FPSL 300	Information on planning the installation, upgrades, and support packages of the ABAP add-on S4FPSL 300
3238110	Release Strategy and Maintenance Information for the ABAP Add-On S4FSFND 200	Information on planning the installation, upgrades, and support packages of the ABAP add-on S4FSFND 200.
3069246	Release Strategy and Maintenance Information for the ABAP Add-On UIFPSL 200	Information on planning the installation, upgrades, and support packages of the ABAP add-on UIFPSL 200.
70228	Add-Ons: Conditions and Upgrade Planning	General information for add-ons.
2722355	Partitioning of Database Tables	For large data volumes, the partitioning of database tables is mandatory for Financial Products Subledger. This supports runtime optimization and data volume management.
2709579	Change Logging: How-To Guide for Financial Products Subledger	Changes to personal data can be traced and reviewed.
2874355	How to Monitor and Operate S4FPSL	To avoid a decrease in runtime performance and to maintain high quality data processing, you need to monitor the system status on a daily basis.
2798428	Data Tiering in SAP S/4HANA for financial products subledger, banking edition / Smart AFI	Guidance on how to set up a native storage extension for Financial Products Subledger, banking edition.

SAP Note Number	Title	Description
2637010 	Smart AFI / FPSL banking edition - Multi-Node Support	Guidance on how to set up a scale-out setup for Financial Products Subledger, banking edition.

3 Security Information for SAP S/4HANA for Financial Products Subledger

This section deals with security topics relevant for **SAP S/4HANA for financial products subledger**.

3.1 User Management

This section provides an overview of how you manage and authenticate users in **SAP S/4HANA for financial products subledger**.

Financial Products Subledger uses the user management and authentication mechanisms provided for SAP S/4HANA. The security recommendations and guidelines for user administration and authentication described in the SAP S/4HANA Security Guide also apply to **Financial Products Subledger**.

3.1.1 User Types

This section describes the types of users relevant for **SAP S/4HANA for financial products subledger**.

These user types do not exist in the system automatically. You can create and configure your own user types, such as the following examples:

User Type	Description
Expert	The expert is allowed to use the transactions in the SAP Easy Access Menu for <i>Financial Products Subledger</i> . This user type can display source data and results data and is able to execute CVPM processes.
Customizer	The customizer is allowed to configure the Financial Products Subledger system.
Administrator	The administrator is allowed to administer the Financial Products Subledger system beyond the business scope of the expert and the customizer. This user type manages the integration of Financial Products Subledger into the system landscape, for example.

3.1.2 User Administration Tools

This section lists the tools available for user management and administration for **SAP S/4HANA for financial products subledger**.

Tool	Description
User and role maintenance with SAP NetWeaver AS ABAP (Transactions SU01, PFCG)	For more information, see the <i>User Management</i> section in the Security Guide for SAP S/4HANA at https://help.sap.com/viewer/p/SAP_S4HANA_ON-PREMISE .

3.1.3 Authentication and Single Sign-On

This section describes how authentication and single sign-on for users is implemented in **SAP S/4HANA for financial products subledger**.

SAP S/4HANA for financial products subledger supports the Single Sign-On (SSO) mechanisms provided by SAP NetWeaver. Therefore, the security recommendations and guidelines for user administration and authentication as described in the SAP NetWeaver Security Guide also apply to **SAP S/4HANA for financial products subledger**.

For more information, see [SAP NetWeaver Security](#).

3.2 Role and Authorization Concept

This section describes the roles and authorizations available in **SAP S/4HANA for financial products subledger**.

Financial Products Subledger uses the authorization concept provided by SAP NetWeaver AS ABAP. Therefore, the recommendations and guidelines for authorizations described in the SAP NetWeaver AS Security Guide ABAP also apply to **SAP S/4HANA for financial products subledger**.

The SAP NetWeaver authorization concept is based on assigning authorizations to users based on roles. For role maintenance, use the profile generator (transaction PFCG) on the AS ABAP.

Note

For more information about how to create roles, see the role administration information at [SAP NetWeaver Security](#).

3.2.1 Authorization Objects

This section lists the most important security-relevant authorization objects that are used by **SAP S/4HANA for financial products subledger**.

Authorization Object	Field	Field Description	Object Description
F_BABR_REG	/BA1/BRSRC	Source System	FPSL: Access in Register Process Step
	/BA1/LGENT	Legal Entity	
	ACTVT	Activity	
F_BABR_BAS	/BA1/BRSRC	Source System	FPSL: Basic Authorizations in Accounting
	/BA1/LGENT	Legal Entity	
	ACC_SYSTEM	Accounting System	
	ACTVT	Activity	
			<p>→ Recommendation</p> <p>We strongly recommend that you fill the source data field <code>LEGAL_ENTITY</code> for contracts and securities accounts (database table <code>/BA1/F1_CON_FLAT</code>). Otherwise, the extensive authorization check for the legal entity in master data and transaction data using authorization object <code>F_BABR_BAS</code> is not supported (see also Critical Combinations [page 20]).</p>
/GH1/LGENT	/GH1/LGENT	Legal Entity (AFEE)	AFEE: Basic Authorization for Legal Entity
F_BABR_CLC	/BA1/BRCLC	Calculator	FPSL: Calculator
	/BA1/BRSRC	Source System	
	/BA1/LGENT	Legal Entity	
	ACC_SYSTEM	Accounting System	
	ACTVT	Activity	

Authorization Object	Field	Field Description	Object Description
F_BABR_UI	/BA1/APP	Application (in Fiori or ODATA Context)	FPSL: Frontend (UI, Work Center, ODATA, CDS Views) F_BABR_UI is the most important authorization object for the CDS views in the Virtual Data Model.
	/BA1/BUSSG	Segment for Segmental Reporting	
	/BA1/KOKRS	Controlling Area	
	/BA1/LGENT	Legal Entity	
	/BA1/ORGUT	Organizational Unit	
	ACC_SYSTEM	Profit Center	
	ACTVT	Accounting System	
		Activity	
F_BABR_GLC	/BA1/LGENT	Legal Entity	FPSL: General Ledger Connection
	ACTVT	Activity	
F_BABR_ADJ	/BA1/LGENT	Legal Entity	FPSL: Manual Adjustments and Workflow
	/BA1/PCATG	Process Category	
	ACC_SYSTEM	Accounting System	
	ACTVT	Activity	
F_BAFC_PCD	/BA1/FCPRC	Process Step ID for Process Controller	FPSL: Process Controller
	ACTVT	Activity	
F_BABR_SCB	ACTVT	Activity	FPSL: Subledger Coding Block
	ACC_SYSTEM	Accounting System	
	/BA1/LGENT	Legal Entity	
F_BABR_FPS	/BA1/ACCSC	Accounting Scenario	FPSL: Forecasting, Planning, and Simulation
	/BA1/FPSST	Status of Scenario Results	
	/BA1/NBSCN	New Business Scenario	
	ACTVT	Activity	
F_FPS_TLS	/BA1/TOOLS	Tools	Tool Methods, Utilities
	ACTVT	Activity	

Authorization Object	Field	Field Description	Object Description
F_BAHW_RES	/BA1/FOCH1	Characteristic Value 1 (for Authorization Field)	Results Data: Authorization for Result Object Required for the results viewer and for the execution of CVPM process to enable read and write access to the results data.
	/BA1/FOCH2	Characteristic Value 2 (for Authorization Field)	
	/BA1/FOCH3	Characteristic Value 3 (for Authorization Field)	
	/BA1/FOCH4	Characteristic Value 4 (for Authorization Field)	
	/BA1/FOCH5	Characteristic Value 5 (for Authorization Field)	
	/BA1/FOCH6	Characteristic Value 6 (for Authorization Field)	
	/BA1/FOCH7	Characteristic Value 7 (for Authorization Field)	
	/BA1/HWRDA	Results Data Area	
	/BA1/HWRT	Result Type	
	ACTVT	Activity	
F_BAFW_PM	/BA1/FOCH1	Characteristic Value 1 (for Authorization Field)	CVPM Authorization Object You can use this authorization object to separate tasks involved in the execution of processes.
	/BA1/FOCH2	Characteristic Value 2 (for Authorization Field)	
	/BA1/FOCH3	Characteristic Value 3 (for Authorization Field)	
	/BA1/FOCH4	Characteristic Value 4 (for Authorization Field)	
	/BA1/FOCH5	Characteristic Value 5 (for Authorization Field)	
	/BA1/FOCH6	Characteristic Value 6 (for Authorization Field)	
	/BA1/PRO	Process Partition	
	/BA1/SEQ	Analytical Process	
	ACTVT	Step Sequence	
		Activity	

Authorization Object	Field	Field Description	Object Description
F_BAF3_GDS	/BA1/F3SID	ID of a Primary Data Source	Authorization for General Primary Data Sources
	/BA1/F3STP	Category of a Primary Data Source	
	ACTVT	Activity	
F_BAFF_ET	/BA1/ETAPP	Application Class for Enhancement Tool Authorizations	Authorization for Enhancement Tool
	/BA1/ETTEC	Technical Control Parameters - Control via Authorization	Includes the critical activities for changing DDIC objects but without actual DDIC authorization.
	ACTVT		
F_BAF2_BTC	/BA1/F2BTC	Business Transaction Class	Authorization for Business Transaction Via BT Class
	ACTVT	Activity	
F_BAF0_ADM	ACTVT	Activity	Admin: RFC Destination and Characteristic Registration
F_BAF1_AUG	/BA1/F1AUG	Authorization Group	Authorization for Objects via Authorization Group
	ACTVT	Activity	

Authorization Objects for Business Partner

SAP S/4HANA for financial products subledger (software component S4FPSL) is an add-on that is installed on an SAP S/4HANA instance. There are two different business objects available for the business partner in this type of installation:

- Recommended: SAP Business Partner, maintained in transaction BP
- Analytical Business Partner (aBP), maintained in transactions BPV1 (Create), BPV2 (Change), BPV3 (Display)

→ Recommendation

We strongly recommend that you use SAP Business Partner.

For more information about the authorization objects for SAP Business Partner, see [Authorization Management](#).

If you are still using the analytical business partner, the table below shows the security-relevant authorization objects that are used by the Business Partner for Financial Services component in **Financial Products Subledger**.

Authorization Object	Description
B_BUPA_ATT	Business Partner: Authorization Types
B_BUPA_FDG	Business Partner: Field Groups
B_BUPA_GRP	Business Partner: Authorization Groups
B_BUPA_RLT	Business Partner: BP Roles
B_BUPA_PGM	FS Business Partner Custom Grouping
B_BUPR_BZT	Business Partner Relationships: Relationship Categories
B_BUPR_FDG	Business Partner Relationships: Field Groups
B_BUPA_CRI	FS Business Partner: BP Role Cat./Differentiation Criterion
B_BUPA_CRS	Business Partner: Credit Standing Data
B_BUPA_RAT	Business Partner: Rating Procedures
B_BUPA_SLV	Selection Variant for Total Commitment
B_CCARD	Payment Cards
B_CLEANSE	Business Partner: Data Cleansing
B_BUP_PCPT	Business Partner: Purpose Complete

Additional Information:

- Employees, VIPs, and other restricted groups of business partners need to be secured by separate groups. Restrictions are possible using field AUGRP in table BUT000 (authorization object B_BUPA_GRP) or field GROUP_FEATURE in table BP001 (authorization object B_BUPA_PGM).

You can use authorization object B_CCARD to grant different authorizations for creating, displaying, or changing payment card data.

Note

This information is specific to Business Partner only. **SAP S/4HANA for financial products subledger** does not provide any card-specific security requirements. Moreover, information such as credit card numbers must not be stored in the **Financial Products Subledger** database.

In CRM, you can use authorization object B_CARD_SEC (Authorization Encryption Master) to control the encryption or decryption of payment card data.

For more information, see [SAP Customer Relationship Management](#). Under *Application Help*, choose ► [Basic Functions](#) ► [Payment Card Processing](#) ► [Security for Payment Card Data](#) ►.

In addition, see the Security Guide under [Security](#).

- In the SAP GUI channel, you can use the authorization object B_BUPA_FDG for UI channel-specific, detailed checks at BDT field-group level.

- You can also check at a more detailed level in the service channel. To do so, you must define your own authorization objects. The corresponding checks must be implemented in the enhancement BADIs of the Business Partner services.
- If you activate the SACF scenario `FSBP_RATINGS` (FS-BP: Scenario for Ratings and Credit Standing Data) in the Workbench for Switchable Authorization Check Scenarios (transaction SACF), you can also use the FS-BP authorization objects `B_BUPA_RAT` (Business Partner: Ratings) and `B_BUPA_CRS` (Business Partner: Credit Standing Data).
- You can use authorization object `S_TABU_NAM` to control authorizations for settings in the Customizing activity [Set Rating Procedures and Ratings](#) (maintenance view `V_TP021`).

Standard Authorization Groups in Tables

Direct table access for FS-BP tables (using transaction SE16, for example) is only possible using the following authorization groups of authorization object `S_TABU_DIS`:

Authorization Group	Description
BPOA	Business Partner Application Data
BPOS	Business Partner Control Tables
BPOC	Business Partner Customizing Tables
BPAA	Analytical Business Partner Application Data
BPAS	Analytical Business Partner Control Tables
BPAC	Analytical Business Partner Customizing Tables

Critical Combinations

The `SAP_CA_BP_DEVELOPER_AG` role contains * values for authorizations. These * authorizations are critical because they allow unrestricted access to data or activities.

Authorization for Data Access Interface

When generating views for the Data Access Interface, enable authorization checks in Customizing for **Financial Products Subledger** under [Infrastructure](#) > [Data Access Interface](#) > [Enable Authorization Checks in DAI](#).

3.2.2 Standard Roles

This section describes the standard roles used by **SAP S/4HANA for financial products subledger**.

Note

You can use these roles as template roles.

Role	Description
SAP_FPS_CUSTOMIZER	This role contains authorizations for making Customizing settings for <i>Subledger Accounting</i> (/BA1/Subledger Accounting).
SAP_FPS_EXP_FINANCIAL_ACCTNT	This role contains authorizations for the SAP Easy Access Menu for <i>Financial Products Subledger</i> .
SAP_FPS_EXP_FINANCIAL_PLANNER	This role contains authorizations for the SAP Easy Access Menu for ► <i>Financial Products Subledger</i> ► <i>Forecasting, Planning, and Simulation</i> ▾.
SAP_FPS_EXP_VDM_REPORTING	This role contains authorizations for using CDS views of the Virtual Data Model for Financial Products Subledger.
SAP_GGA_CUSTOMIZER	This role contains authorizations for making Customizing settings for <i>Accounting for Enabled Emissions</i> (/GH1/).
SAP_GGA_EXPERT_ACCOUNTANT	This role contains authorizations for the SAP Easy Access Menu for <i>Accounting for Enabled Emissions</i> .

An administrator or a technical user can have all of the roles listed, together with specific profiles for Customizing transports or BW as described in [Setting Up a Financial Products Subledger Client \[page 51\]](#).

3.2.3 Critical Combinations

This section describes combinations of roles and authorizations in **SAP S/4HANA for financial products subledger**.

SAP S/4HANA for financial products subledger (FPSL) runs on SAP S/4HANA. Be careful when you combine FPSL roles with non-FPSL roles. This might be necessary if you want to configure access to the General Ledger in SAP S/4HANA, for example. Define the authorization object `S_RFC` restrictively and do not provide it with wildcard (*) authorizations.

The table below contains some of the most important authorization objects in **Financial Products Subledger**.

📘 Note

When you design roles for Financial Products Subledger business experts, a good starting point from a theoretical perspective is to initially consider the authorization objects `F_BAFW_PM` and `F_BABR_BAS`. Authorization object `F_BAFW_PM` defines more or less the range of CVPM processes (technically, these are ABAP reports) that a business expert is allowed to execute. This goes along with a corresponding definition of authorization object `S_TCODE` since the transaction codes point to specific ABAP reports (CVPM processes). Furthermore, authorization object `F_BABR_BAS` controls access to data, mainly and most importantly driven by the field *Legal Entity* (which corresponds to the company code). With this two-dimensional setup of authorizations, the main defense lines are already defined. This also applies to **Accounting for Enabled Emissions** with authorization object `/GH1/LGENT`, but not `F_BABR_BAS`.

Authorization Object	Use
F_BAFW_PM	Processing data in the context of CVPM processes. Wildcard authorizations (starting with *) in the Analytical Process field /BA1/PRO are critical.
F_BAHW_RES	Accessing results data
F_BAF1_AUG or F_BAF2_BTC	Accessing source data
F_BABR*	<p>Specific to the accounting logic.</p> <p>F_BABR_BAS is used to check the legal entity (/BA1/LGENT - Legal Entity) in source data, results data, and CVPM processes.</p> <p>The Source Data field LEGAL_ENTITY must be filled for contracts and securities accounts (database table /BA1/FL_CON_FLAT). Otherwise authorization checks on the legal entity cannot be supported properly.</p> <div style="border: 1px solid #ccc; padding: 10px; margin: 10px 0;"> <p>Note</p> <p>F_BABR_BAS is the most important authorization object for checking the legal entity. To a large extent, this check is based on the field LEGAL_ENTITY in the financial contract in the source data. Therefore, we strongly recommend that when you load financial contracts, the database field LEGAL_ENTITY is filled. (Do not enter a legal entity by using entries from other fields that are mapped to the characteristic Legal Entity /BA1/C55LGENT in the subledger coding block). This also applies to the definition of securities accounts and portfolios in the source data. To be clear: An entry in the the field LEGAL_ENTITY is mandatory; not only for supporting the proper execution of accounting processes but also for authorization checks in value helps, database access and process execution.</p> </div> <p>In addition, F_BABR_UI is the most important authorization object for CDS views of the Virtual Data Model.</p>
/GH1/LGENT	<p>Used to check the legal entity (/GH1/LGENT) in the results data and CVPM processes for Accounting for Enabled Emissions.</p> <p>Results are displayed or processes are executed only for legal entities for which an authorization exists. For this purpose, the CDS Views /GH1/CVC_LGENT_EXEC, /GH1/CVC_LGENT_DIS, and /GH1/CVC_LGENTF4 check this authorization object.</p>
F_BAFC_PCD	Process Controller

Authorization Object	Use
F_BAFF_ET	Enhancement Tool for DDIC extensions in source data, results data, and accounting. Only relevant for system administrators and power users: Edit or change activities are generally required.
F_FPS_TLS	Used in several technical tool reports, such as where-used lists, code generation for derivation and mapping routines, or ASU-delivery functions

Related Information

[System Architecture for SAP S/4HANA for Financial Products Subledger \[page 7\]](#)

3.3 Network and Communication Security

This section provides an overview of the network topology and communication protocols used by **SAP S/4HANA for financial products subledger**.

The network topology for **Financial Products Subledger** is based on the topology used by SAP NetWeaver, SAP HANA, and SAP S/4HANA. The security guidelines and recommendations described in the security guides for these components also apply to the Financial Products Subledger.

Related Information

[System Architecture for SAP S/4HANA for Financial Products Subledger \[page 7\]](#)

<https://help.sap.com/viewer/nwguidefinder>

https://help.sap.com/viewer/p/SAP_HANA_PLATFORM

https://help.sap.com/viewer/p/SAP_S4HANA_ON-PREMISE

3.3.1 Communication Destinations

This section shows an overview of the communication destinations used by **SAP S/4HANA for financial products subledger**.

Destination	Delivered	Type	User, Authorizations	Description
FPSL system	No	RFC	Dialog User with authorizations for RDL-Result Viewer (F_BAHW_RES) or Source Data (contracts F_BAF1_AUG, business transactions F_BAF2_BTC), Accounting Authorizations F_BABR_BAS and the GL connector F_BABR_GLC	The usage is optional. The destination is used for the drill-through from the FI-GL document back to the FPSL subledger documents in the RDL Results Viewer.
FI-GL system	No	SOAP	Technical System user, business authorizations required for creating ledger documents in FI-GL.	The usage is optional. The destination is used for sending prepared general ledger documents from the FS-FPS system to the FI-GL system. Service Consumer is FinancialInstrumentsAnalyticalAccountingDocumentPreparationAccountingDocumentNotificationOut, (SWC S4FPSL, http://sap.com/xi/BA/Global), service provider is Accounting-DocumentERPBulkNotification_In (SWC S4CORE, http://sap.com/xi/APPL/SE/Global)

3.4 Internet Communication Framework Security

This section describes how **SAP S/4HANA for financial products subledger** uses Internet Communication Framework (ICF) services.

Only activate services that are needed for the applications running in your system.

For the **Workplace for Financial Accountants and Actuaries**, the following ICF services are required:

- /default_host/sap/bc/ui5_ui5/ba1/acd
- /default_host/sap/bc/ui5_ui5/ba1/cil
- /default_host/sap/opu/odata/sap/fps_assg_chg_drvrs_srv
- /default_host/sap/opu/odata/sap/fps_chg_ins_liab_srv

Use transaction SICF to activate these services.

If your firewall(s) use URL filtering, also note the URLs used for the services and adjust your firewall settings accordingly.

For more information, see the user assistance for SAP NetWeaver. To find the relevant documents, go to SAP Help Portal at <https://help.sap.com/nw> and open the product page for your SAP NetWeaver release. Search for "activating and deactivating ICF services" and "ICF security".

3.5 Data Protection and Privacy

This section provides information about how **SAP S/4HANA for financial products subledger** complies with data protection requirements.

You can find an overview of the system landscape and the architecture components in section [System Architecture for SAP S/4HANA for Financial Products Subledger \[page 7\]](#).

3.5.1 Introduction

Data protection is associated with numerous legal requirements and privacy concerns. In addition to compliance with general data protection and privacy acts, it is necessary to consider compliance with industry-specific legislation in different countries. SAP provides specific features and functions to support compliance with regard to relevant legal requirements, including data protection, which are documented in these templates along with the assumptions that have been guiding the implementation in the software. By nature of legal requirements the conclusion whether these features are covering customer specific demands as well as the conclusion whether additional measures have to be taken is solely with the customer.

Note

SAP does not provide legal advice in any form. SAP software supports data protection compliance by providing security features and specific data protection-relevant functions, such as simplified blocking and deletion of personal data. In many cases, compliance with applicable data protection and privacy laws will not be covered by a product feature. Definitions and other terms used in this document are not taken from a particular legal source.

Caution

The extent to which data protection is supported by technical means depends on secure system operation. Network security, security note implementation, adequate logging of system changes, and appropriate

usage of the system are the basic technical requirements for compliance with data privacy legislation and other legislation.

Generic Fields

You need to make sure that no personal data enters the system in an uncontrolled or non-purpose related way, for example, in free-text fields, through APIs, or customer extensions. Note that these are not subject to the read access logging (RAL) example configuration.

Note

Take into account that the Application Log may contain personal data in an unstructured way, i.e. in the message fields. The protocol may contain the Bank Account Number (or Contract ID respectively) or the Business Partner ID, for example.

The application log is accessible for example via the CVPM monitor or transaction SLG1. In addition, test runs of CVPM processes display protocols and detail logs instantly.

3.5.2 Glossary

Term	Definition
Artificial Intelligence (AI)	The simulation of human intelligence processes by machines and computer systems – typically by learning, coming to its own conclusions, appearing to understand complex content, engaging in natural dialogs with people, enhancing human cognitive performance (also known as cognitive computing) or replacing people on execution of nonroutine tasks. Applications include autonomous vehicles, automatic speech recognition and generation and detecting novel concepts and abstractions (useful for detecting potential new risks and aiding humans to quickly understand very large bodies of ever-changing information)
Automated Decision Making	The ability to make decisions by technological means without human involvement.
Blocking	A method of restricting access to data for which the primary business purpose has ended.

Term	Definition
Business Purpose	The legal, contractual, or in other form justified reason for the processing of personal data to complete an end-to-end business process. The personal data used to complete the process is predefined in a purpose, which is defined by the data controller. The process must be defined before the personal data required to fulfill the purpose can be determined.
Consent	The action of the data subject confirming that the usage of his or her personal data shall be allowed for a given purpose. A consent functionality allows the storage of a consent record in relation to a specific purpose and shows if a data subject has granted, withdrawn, or denied consent.
Data Subject	Any information relating to an identified or identifiable natural person ("data subject"). An identifiable natural person is one who can be identified, directly or indirectly, in particular by reference to an identifier such as a name, an identification number, location data, an online identifier, or to one or more factors specific to the physical, physiological, genetic, mental, economic, cultural, or social identity of that natural person.
Deletion	Deletion of personal data so that the data is no longer available.
End of Business	Defines the end of active business and the start of residence time and retention period.
End of Purpose (EoP)	The point in time when the processing of a set of personal data is no longer required for the primary business purpose, for example, when a contract is fulfilled. After the EoP has been reached, the data is blocked and can only be accessed by users with special authorizations (for example, tax auditors).
End of Purpose (EoP) check	A method of identifying the point in time for a data set when the processing of personal data is no longer required for the primary business purpose . After the EoP has been reached, the data is blocked and can only be accessed by users with special authorization, for example, tax auditors.
Personal data	Any information relating to an identified or identifiable natural person ("data subject"). An identifiable natural person is one who can be identified, directly or indirectly, in particular by reference to an identifier such as a name, an identification number, location data, an online identifier, or to one or more factors specific to the physical, physiological, genetic, mental, economic, cultural, or social identity of that natural person.

Term	Definition
Processing of Personal Data	Processing means any operation or set of operations which is performed on personal data or on sets of personal data, whether or not by automated means, such as collection, recording, organisation, structuring, storage, adaptation or alteration, retrieval, consultation, use, disclosure by transmission, dissemination or otherwise making available, alignment or combination, restriction, erasure or destruction.
Purpose	The information that specifies the reason and the goal for the processing of a specific set of personal data. As a rule, the purpose references the relevant legal basis for the processing of personal data.
Residence period	The period of time between the end of business and the end of purpose (EoP) for a data set during which the data remains in the database and can be used in case of subsequent processes related to the original purpose. At the end of the longest configured residence period, the data is blocked or deleted. The residence period is part of the overall retention period.
Retention period	The period of time between the end of the last business activity involving a specific object (for example, a business partner) and the deletion of the corresponding data, subject to applicable laws. The retention period is a combination of the residence period and the blocking period.
Sensitive personal data	<p data-bbox="804 1167 1382 1227">A category of personal data that usually includes the following type of information:</p> <ul data-bbox="815 1249 1394 1608" style="list-style-type: none"> <li data-bbox="815 1249 1394 1413">• Special categories of personal data, such as data revealing racial or ethnic origin, political opinions, religious or philosophical beliefs, trade union membership, genetic data, biometric data, data concerning health or sex life or sexual orientation. <li data-bbox="815 1435 1289 1458">• Personal data subject to professional secrecy <li data-bbox="815 1480 1374 1541">• Personal data relating to criminal or administrative offenses <li data-bbox="815 1547 1394 1608">• Personal data concerning insurances and bank or credit card accounts

Term	Definition
Technical and organizational measures (TOM)	<p>Some basic requirements that support data protection and privacy are often referred to as technical and organizational measures (TOM). The following topics are related to data protection and privacy and require appropriate TOMs, for example:</p> <ul style="list-style-type: none"> • Access control: Authentication features • Authorizations: Authorization concept • Read access logging • Transmission control / Communication security • Input control / Change logging • Availability control • Separation by purpose: Is subject to the organizational model implemented and must be applied as part of the authorization concept.

3.5.3 Consent

SAP S/4HANA for financial products subledger or **SAP S/4HANA, financial posting gateway** does not provide functionality that allows data subjects to give and withdraw consent to collect and process their personal data. SAP assumes that the user (for example, an SAP customer collecting data) has consent from its data subject (a natural person such as a customer, contact, or account) to collect or transfer data to the solution.

Note

SAP S/4HANA for financial products subledger supports you in the context of fulfilling regulatory requirements and multi-dimensional management analysis and reporting.

3.5.4 Read Access Logging

Read Access Logging is considered as an additional safeguard in the protection of personal data, because it helps to identify potential illegitimate access to personal data. Read access to sensitive personal data is partially based on legislation, and it is subject to logging functionality. Read access logging (RAL) is used to monitor and log read access to sensitive personal data that was disclosed via user interface, which can be extended to read access to other personal data. Data may be categorized as sensitive by law, by external company policy, or by internal company policy. When these read accesses are logged, you should be able check which user accessed personal data on which access channel and the date and time, depending on the configuration. Read access logging enables you to answer questions about who accessed particular data within a specified time frame. That logging also includes downloading attachments or files, logs for such events shall contain information to identify the attachment. Additionally, as for Read Access Logging across system

boundaries, the respective “access” shall be logged as soon as sensitive personal data crosses the boundary from a trusted to an un-trusted area. Here are some examples of such questions:

- Who accessed the data of a given business entity, for example a bank account?
- Who accessed personal data, for example of a business partner?
- Which employee accessed personal information, for example religion?
- Which accounts or business partners were accessed by which users?

Furthermore, log records can be viewed and queried, but access to them is restricted by adequate authorizations. The personal data for which read access shall be logged and the retention period of logs, can be configured.

Read access logging is currently available in, but not limited to the following channels:

- Remote Function Calls (sRFC, aRFC, tRFC, qRFC, bgFRC)
- Dynpro
- Web Dynpro
- Web services
- Gateway (for OData)

The template below shows how these fields are logged and may be combined with additional fields in the following business contexts.

- BW channel (for analytical queries of the Virtual Data Model)

Configuration	Fields Logged	Business Context
FPS_ASSG_CHG_DRVRS_SRV	Contract ID	Assignment of contracts to change reasons in the Workplace for Financial Accountants and Actuaries
FPSL_RDLVW_ALV	Contract ID	Result Data - Result Viewer
BA_BT_DISPLAY	Contract ID Business Partner ID	Display of business transactions
BA_FT_DISPLAY	Contract ID	Display of financial transaction / financial contract

Read Access Logging for Business Partner

Financial Products Subledger (software component S4FPSL) is an add-on that is installed on an SAP S/4HANA instance. There are two different business objects available for the business partner in this type of installation:

- Recommended: SAP Business Partner, maintained in transaction BP
- Analytical Business Partner (aBP), maintained in transactions BPV1 (Create), BPV2 (Change), BPV3 (Display)

→ Recommendation

We strongly recommend that you use SAP Business Partner.

For more information about SAP Business Partner, see [SAP Business Partner](#).

If you are still using the analytical business partner, read access logging is supported in the service channel for the Financial Services **Business Partner** as of NetWeaver release SAP_ABA 7.40. The following LOG domains are available in transaction SRALMANAGER:

Domain	Description
FS_BP_INTERNAL_ID	Business Partner Number
FS_BP_UUID	Business Partner GUID
FS_BP_IDENTIFICATION_ID	Business Partner Identification Number
FS_BP_IDENTIFICATION_TYPE_CODE	Business Partner Identification Type

Sample configurations are available for the following service operations:

- Retrieve Business Partner
- Update Business Partner
- Inform Business Partner

3.5.5 Information Retrieval

Data subjects have the right to receive information regarding their personal data that is being processed. The information retrieval feature supports you in complying with the relevant legal requirements for data protection by allowing you to search for and retrieve all personal data for a specified data subject. The search results are displayed in a comprehensive and structured list containing all personal data of the data subject specified, organized according to the purpose for which the data was collected and processed.

For information on reporting, the Information Retrieval Framework can be used. The guide mentioned under [More Information](#) explains how you create a purpose, which enables the data retrieval process, and how you display the consolidated data of the business partner.

Note

The entry point for the Information Retrieval report is the Business Partner ID of the central Business Partner.

You can retrieve the information by using the following ILM objects when you create a purpose:

- BA1_F1_040 (Financial Products Subledger: Archiving of Contract Data)
- BA1_F1_041 (Financial Products Subledger: Archiving of Securities)
- BA1_F1_043 (Financial Products Subledger: Archiving of Securities Accounts)
- BA1_F2_035 (Financial Products Subledger: Business Transaction)

Results data area (RDL) and result type do not have their own fixed ILM objects (the respective ILM objects are generated and cannot be used here directly). Therefore, the RDL tables must be added to the IRF models.

More Information

For information on how to configure and use the IRF models, see SAP Note [2725637](#), which contains the guide IRF Data Model Configuration for Financial Products Subledger ILM Objects.

SAP Note [2725511](#) - IRF Tool: Data collection displays field value instead of text for some characteristics and key figures

SAP Note [2725637](#) - IRF for ILM Objects in Financial Products Subledger

For information on the information retrieval framework, see [Information Retrieval Framework \(IRF\)](#)

For more information about data archiving and data deletion in **Financial Products Subledger**, see [Data Archiving and Data Destruction](#).

3.5.6 Deletion of Personal Data

Simplified Blocking and Deletion

The processing of personal data is subject to applicable laws related to the deletion of this data when the specified, explicit, and legitimate purpose for processing this personal data has expired. If there is no longer a legitimate purpose, that requires the retention and use of personal data, it must be deleted irrecoverably. Blocking is necessary when the original retention period has expired but additional applicable extended and overruling (mandated by law) retention periods are still in place. After the expiration of the longest retention period, the data must be deleted.

Deletion of Personal Data

When considering compliance with data protection regulations, it is also necessary to consider compliance with industry-specific legislation in different countries. A typical potential scenario in certain countries is that personal data shall be deleted after the specified, explicit, and legitimate purpose for the processing of personal data has ended, but only if no other retention periods are defined in legislation, for example, retention periods for financial documents. Legal requirements in certain scenarios or countries also often require blocking of data in cases where the specified, explicit, and legitimate purposes for the processing of this data have ended, however, the data still has to be retained in the database due to other legally mandated retention periods. Sometimes, transactional data are personal data with relation to a master data object, e.g. a sales order with reference to a business partner. Therefore, the challenge for deletion and blocking is first to handle transactional data and finally other data, such as business partner data.

This SAP product might process data (personal data) that is subject to the data protection laws applicable in specific countries as described in SAP Note [1825544](#).

Deletion

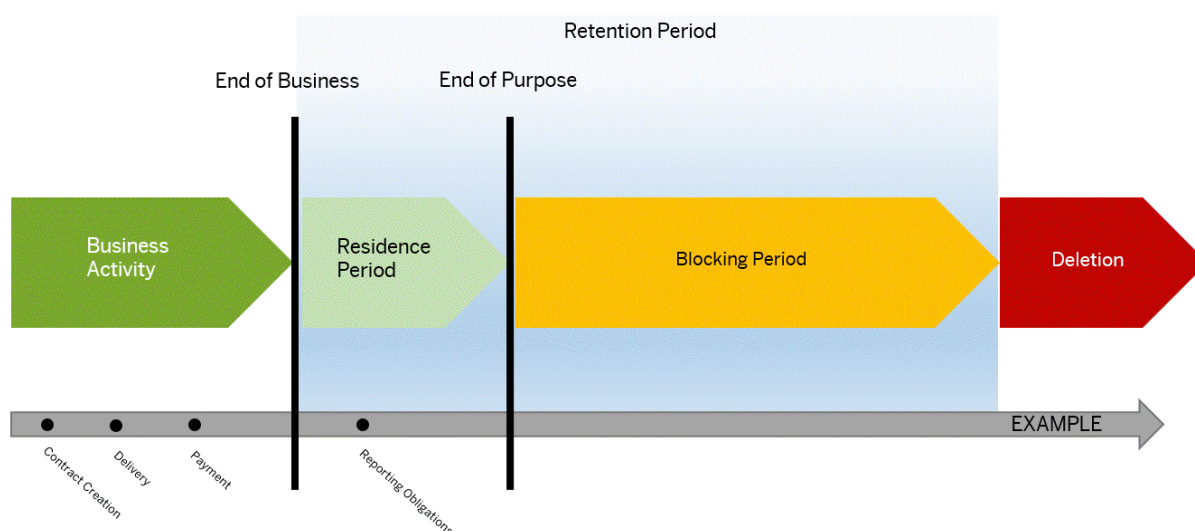
To enable even complex scenarios, SAP simplifies existing deletion functionalities to cover data objects that are personal data by default. For this purpose, SAP uses SAP Information Lifecycle Management (ILM) to help you set up a compliant information lifecycle management process in an efficient and flexible manner. The functions that support the simplified blocking and deletion of personal data are not delivered in one large implementation, but in several waves. Scenarios or products that are not specified in SAP Note [1825608](#) (central Business Partner) and SAP Note [2007926](#) (ERP Customer and Vendor) are not yet subject to simplified blocking and deletion. Nevertheless, it is also possible to destroy personal data for these scenarios or products. In these cases, you have to use an existing archival or deletion functionality or implement individual retention management of relevant business data throughout its entire lifecycle. The ILM component supports the entire software lifecycle including storage, retention, blocking, and deletion of data.

This SAP product uses SAP ILM to support the deletion of personal data as described in the following sections:

End-of-Purpose Check

An end of purpose (EoP) check determines whether data is still relevant for business activities based on the retention period defined for the data. The retention period is part of the overall lifecycle of personal data which consists of the following phases:

- **Business activity:** The relevant data is used in ongoing business, for example contract creation, delivery or payment.
- **Residence period:** The relevant data remains in the database and can be used in case of subsequent processes related to the original purpose, for example reporting obligations.
- **Blocking period:** The relevant data needs to be retained for legal reasons. During the blocking period, business users of SAP applications are prevented from displaying and using this data; it can only be processed in case of mandatory legal provisions.
- **Deletion:** The data is deleted and no longer exists in the database.



For **Business Partner**, the following EoP report is available: BUPA_PREPARE_EOP.

To check whether a business partner is still used in contracts or portfolios, you need to make the following settings:

In the Customizing activity [Register Application Function Modules for EoP Check](#), you need to ensure that there is an entry for function module `/BA1/DP_BP_EOP_CHECK` with the application name `FPSL`. The function module checks for the validity period of a business partner in its contracts or portfolios.

If a valid-to date has been defined, the system adds 365 days to this date to get the end of business date. The business partner can only be blocked and deleted when this end of business date is reached. If the validity period is not limited (valid-to date = 9999-12-31), the business partner is still used.

Blocking

Blocking of data can impact system behavior in the following ways:

- **Display:** The system does not display blocked data.
- **Change:** It is not possible to change a business object that contains blocked data.
- **Create:** It is not possible to create a business object that contains blocked data.
- **Copy/Follow-Up:** It is not possible to copy a business object or perform follow-up activities for a business object that contains blocked data.
- **Search:** It is not possible to search for blocked data or to search for a business object using blocked data in the search criteria.

It is possible to display blocked data if a user has special authorization; however, it is still not possible to create, change, copy, or perform follow-up activities on blocked data.

Data blocking is handled in the following ways:

- **ILM-enabled archiving:** Archiving blocks the processing of data completely as soon as the data is removed from the application tables.
You can configure the system so that it supports read access from the application to the archive. We do not recommend this because it can slow down runtime performance. If you choose to use this feature, make sure that it is compliant with your data protection and privacy regulations.
- **Masking:** This is mainly a UI function (for example, SAP GUI or ALV) that does not prevent data from being used in mass data processing (for example, in CVPM processes) that then leads to information production (for example, the creation of subledger journal entries in the results data).

Configuration: Simplified Blocking and Deletion for Business Partner

You configure the settings for blocking and deleting business partner master data in Customizing for *Cross-Application Components* under *Data Protection*.

- Make the settings for authorization management under ► *Data Protection* ► *Authorization Management* ►.
- Make the settings for blocking data in Customizing for *Cross-Application Components* under ► *Data Protection* ► *Blocking and Unblocking* ► *Business Partner* ►.

More Information

For more information about data archiving and deletion, see SAP Help Portal at <https://help.sap.com/S4FPSL>. Access the Application Help under *Product Assistance* and choose ► *Infrastructure (FS-FPS-IF)* ► *Data Archiving and Deletion in Financial Products Subledger* ►.

For more information about blocking and deleting personal data, see SAP Help Portal at <https://help.sap.com/S4FPSL>. Access the Application Help under *Product Assistance* and choose ► *Basic Settings* ► *Blocking and Deletion of Personal Data in Financial Products Subledger* ►.

3.5.7 Change Log

Creation and change of personal data need to be documented. Therefore, for review purposes or as a result of legal regulations, it may be necessary to track the changes made to this data. When these changes are logged, you should be able to check which user made which change, the date and time, the previous value, and the current value, depending on the configuration. Furthermore, log records can be viewed and queried, but access to them is restricted by adequate authorizations. The personal data for which changes shall be logged and the retention period of logs, can be configured..

Defining Fields to Be Logged

SAP S/4HANA for financial products subledger processes personal data of, for example, business partners and financial contracts that are involved in change requests and activities. If any changes are made regarding the business partner, such personal data, the system logs the following information on personal data per change request and activity:

- The user who changed data
- The date and time of the change
- The change type (update, insert, deletion, single field documentation)
- The identifying keys and their values of the data records
- The heading name for the attribute that was changed

Most business objects, like the analytical business partner or the financial contract, are master data with a specific versioning scheme that does not change or overwrite data but that always creates new data records in the respective database tables. Therefore, in contrast to several other SAP products and applications, **SAP S/4HANA for financial products subledger** does not log the changes via Change Documents, but the system holds a full version history of the business objects unless they are archived.

For more information, see SAP Note [2709579](#) - Change Logging: How-to-Guide for Financial Products Subledger.

See Also

For more information on change documents, see the documentation at <https://help.sap.com/nw>. Choose the relevant SAP NetWeaver version and open the following documentation:

- Under *Application Help*, go to ► *SAP NetWeaver Library: Function-Oriented View* ► *Application Server ABAP* ► *Other Services* ► *Services for Application Developers* ► *Change Documents* ►.
- Open the *SAP NetWeaver Security Guide* and go to ► *Security Aspects for Lifecycle Management* ► *Auditing and Logging* ►.

Personal data is subject to frequent changes. Therefore, for review purposes or as a result of legal regulations, it may be necessary to track the changes made to this data. When these changes are logged, you should be able to check which employee made which change, the date and time, the previous value, and the current value, depending on the configuration. It is also possible to analyze errors in this way.

3.6 Security for Additional Applications or Other Components

This section describes security aspects relating to additional applications used in **SAP S/4HANA for financial products subledger**.

Integration with Financial Services Data Management (FSDM): Data Federation

The integration with SAP Financial Services Data Management (FSDM) through data federation is based on generated HANA SQL views.

These SQL views do not provide information about data that is blocked (in the context of business partner blocking and DPP). Therefore, data federation must be used for read-only purposes only. It must not be used for data extraction because it cannot notify a data consumer about the end of the lifecycle of a data object in **SAP S/4HANA for financial products subledger**. Since the SQL views do not prevent blocked data from being displayed if the data objects are related to a blocked central business partner, any business objects in **SAP S/4HANA for financial products subledger** that need to be blocked must be blocked using ILM-enabled archiving.

In addition, the SQL views do not explicitly show the purpose of data processing that is specified within **SAP S/4HANA for financial products subledger**. The data consumer must ensure that the legitimate purpose of data processing is being adhered to.

3.7 Other Required Documents for Security

This section provides an overview of other security-related documents.

SAP S/4HANA for financial products subledger is based on SAP S/4HANA. This means that the security guides relevant for SAP S/4HANA also apply.

Resource	Where to Find It
Security Guide for SAP S/4 HANA	At https://help.sap.com/s4hana , under <i>Product Documentation</i> .
Security Guide for SAP HANA	At https://help.sap.com/hana , under <i>Security</i> .

4 Installing SAP S/4HANA for Financial Products Subledger

This section provides information about how to prepare for installation and what to do before and after the installation of **SAP S/4HANA for financial products subledger**.

Financial Products Subledger is based on SAP S/4HANA. For general installation information, see the Installation Guide for SAP S/4HANA at <https://help.sap.com/s4hana>.

4.1 Pre-Installation Tasks

There are two options for installing the **Financial Products Subledger** back end:

1. If your SAP S/4HANA system already exists, you plan a maintenance transaction with the maintenance planner to install **SAP S/4HANA for financial products subledger** 2306 in addition.
You can install the add-on product version either using Software Update Manager (SUM) or using SAP Add-On Installation Tool (transaction SAINT) and the STACK.XML file.
2. If you plan a new system, you can install SAP S/4HANA and **SAP S/4HANA for financial products subledger** 2306 together in one maintenance transaction in the maintenance planner.
To install the complete system, you have to use Software Provisioning Manager (SWPM) to install SAP S/4HANA, and SUM to install the required support package stacks and add-on product versions.

For more information about software logistics tools, see <https://support.sap.com/en/tools/software-logistics-tools.html>.

In both cases, you use the maintenance planner to plan your system landscape and generate a stack XML file based on the required product versions and product instances. You select and download the installation files in the maintenance planner.

Choose the add-on product version S/4HANA FIN PROD SUBLDGR 2306:

- Product instance `Financial Products Subledger` or the main component S4FPSL 300
- Product instance `Financial Products SubledgerUI` for the UI component UIFPSL 200

For more information about the maintenance planner, see https://help.sap.com/viewer/p/MAINTENANCE_PLANNER.

4.2 Overall Installation Sequence

1. Installation

Execute the plan and perform the installation based on the stack XML file and your **Maintenance Planner** transaction.

For more information about **Maintenance Planner** and **Execute Plan**, see the Execute Plan section of the Maintenance Planner User Guide on SAP Help Portal at [Maintenance Planner](#). You will find the Maintenance Planner User Guide under *Other*.

2. Implementation

You can implement the add-on using **Software Update Manager** (SUM). For more information, see [Software Update Manager](#).

Alternatively, you can implement the add-on using **SAP Add-On Installation Tool** (SAINT) and the stack XML. For more information, see [SAP Add-On Installation Tool and Support Package Manager](#). You will find the documentation under *Application Help*.

3. Completion

To complete the installation, see Release Information Note [3328628](#).

4.2.1 Architecture Overview

A **Financial Products Subledger** system consists of (at least) two **logical** clients:

Logical Client	Use
One Tool BW client	Provides services to the Financial Products Subledger clients, such as a characteristics repository for primary objects in the source data.

Note

This is an auxiliary client that is required because the client concept is not known to BW. There can be only one BW client in one system. Once you have chosen a BW client, you can no longer change it.

Logical Client	Use
One or more Financial Products Subledger clients	<p>This is the application client in which Financial Products Subledger functions are used.</p> <p>It uses the functionality offered by the Tool BW. As several Financial Products Subledger clients can use one Tool BW client, the data stored in the Tool BW must be separated according to source client.</p> <p>For this reason, when you set up the system, you need to assign a source system ID (characteristic OSOURSYS-TEM) for use in BW to each Financial Products Subledger client in Customizing for Financial Products Subledger under Basic Settings > Global Settings > Define System Landscape for Financial Products Subledger.</p>

Note

We do not recommend using the same physical client for the Tool BW client and the **Financial Products Subledger** client.

4.2.2 Post-Installation Tasks

Complete the following steps before making any Customizing settings or installing Business Content:

- Change the system settings
- Set up the Tool BW client
- Set up a **Financial Products Subledger** client

4.2.2.1 Namespace Settings

To ensure that the system runs correctly, set the following namespaces to *modifiable* using transaction SCTS_RSWB0004:

Set the following namespaces for characteristics and key figures that are created in Customizing to *modifiable*:

- /B20/
- /B20C/
- /BA1/
- /BA1C/
- /BIC/

Additionally, if you want to use **Accounting for Enabled Emissions**, set the following namespaces to *modifiable* as well:

- /G20/
- /G20C/
- /GH1/
- /GH1C/

Note

You can set these namespaces to *not modifiable* in systems (such as the productive system) if you transport manually created or generated InfoObjects from the development system to the target system.

These namespaces are used for generated objects for the Tool BW. They need to be modifiable when InfoObjects are created manually or generated in the characteristic or key figure monitor, and when you activate the DLL content.

Note

For **SAP S/4HANA for Financial Products Subledger**, please use the monitors for characteristics and key figures in Customizing for **Financial Products Subledger** under ► [Basic Settings](#) ► [Settings for Meta Data](#) ► [Characteristics](#) ► [Characteristic Monitor](#) and under ► [Key Figures](#) ► [Key Figure Monitor](#).

For **Accounting for Enabled Emissions**, please use the monitors for characteristics and key figures in Customizing for **Accounting for Enabled Emissions** under ► [Basic Settings](#) ► [Settings for Meta Data](#) ► [Characteristics](#) ► [Monitor for Characteristics](#) and under ► [Key Figures](#) ► [Monitor for Key Figures](#).

Additional Information About the Namespaces Used in SAP S/4HANA for Financial Products Subledger

- /B20/
 - Namespace of generated DDIC objects of InfoObjects in namespace /BA1/. This namespace needs to be modifiable when you generate InfoObjects for fixed characteristics in the characteristic monitor or when you generate InfoObjects for SAP key figures in the key figure monitor.
- /B20C/
 - Namespace of generated DDIC objects of InfoObjects in namespace /BA1C/. This namespace needs to be modifiable when you generate InfoObjects in namespace /BA1C/ in the characteristic monitor or key figure monitor.
- /BA1/
 - Namespace of InfoObjects generated for a fixed characteristic (/BA1/C..), SAP key figure (/BA1/K...).
 - InfoObjects for fixed characteristics are generated on demand in the characteristic monitor using the [Create InfoObject](#) or [Update InfoObject](#) function.
 - InfoObjects for SAP key figures are generated on demand in the key figure monitor using the [Generate InfoObject](#) function.
 - Activation of BI Content for Data Loading Process
- /BA1C/
 - Namespace of InfoObjects generated for a Business Content characteristic or key figure. This namespace needs to be modifiable when you generate InfoObjects in namespace /BA1C/ in the characteristic monitor or key figure monitor.

- /BIC/
 - Namespace of generated DDIC objects of InfoObjects without prefix.
This namespace needs to be modifiable when you generate InfoObjects without prefix in the characteristic monitor or key figure monitor.
- /1BA/ (not modifiable)
 - Namespace for DDIC objects and reports generated by Financial Products Subledger

Additional Information About the Namespaces Used in Accounting for Enabled Emissions

- /G20/
 - Namespace of generated DDIC objects of InfoObjects in namespace /GH1/.
This namespace needs to be modifiable when you generate InfoObjects for fixed characteristics in the monitor for characteristics or when you generate InfoObjects for SAP key figures in the monitor for key figures.
- /G20C/
 - Namespace of generated DDIC objects of InfoObjects in namespace /GH1C/.
This namespace needs to be modifiable when you generate InfoObjects in namespace /GH1C/ in the monitor for characteristics or the monitor for key figures.
- /GH1/
 - Namespace of InfoObjects generated for a fixed characteristic (/GH1/C..), SAP key figure.
 - InfoObjects for fixed characteristics are generated on demand in the monitor for characteristics using the [Create InfoObject](#) or [Update InfoObject](#) function.
 - InfoObjects for SAP key figures are generated on demand in the monitor for key figures using the [Generate InfoObject](#) function.
 - Activation of BI Content for Data Loading Process
- /GH1C/
 - Namespace of InfoObjects generated for a Business Content characteristic or key figure.
This namespace needs to be modifiable when you generate InfoObjects in namespace /GH1C/ in the monitor for characteristics or the monitor for key figures.
- /BIC/
 - Namespace of generated DDIC objects of InfoObjects without prefix.
This namespace needs to be modifiable when you generate InfoObjects without prefix in the monitor for characteristics or the monitor for key figures.
- /1GH/ (not modifiable)
 - Namespace for DDIC objects and reports generated by **Accounting for Enabled Emissions**.

4.2.2.2 System Parameters

Adjust the system parameters to the specific system environment and data volume.

4.2.2.3 Setting Up the Tool BW Client

Financial Products Subledger uses functions that are provided by the Embedded Business Warehouse in SAP S/4HANA. You therefore need to set up a local BW client in Financial Products Subledger that is referred to as the Tool BW client. This section describes the requirements for a BW client in Financial Products Subledger.

After the technical installation of **Financial Products Subledger**, set up the BW client. For more information, see [Embedded Business Warehouse](#) and [Performing Basic Configuration for BW ABAP](#).

Note

We recommend that you use a separate BW client. For more information, see SAP Note [2952947](#).

The BW client cannot be set up in client 000, and it cannot be switched to another client once it has been created.

The setup of the BW client includes the following:

- Creation of a new client including a logical system
- Creation of an RFC destination with the same name as the logical system
The RFC needs to be client-specific. The background user that you use needs the relevant profiles. For more information, see [Authorization Profiles for Background Users](#).

Note

In this case, the profile for the BW system is relevant.

- Initialization of the BW
For more information, see [Preparing the BW System](#).

Check the correct setup of the BW client. Table `RSADMINA` must contain an entry with the following settings:

- `BW_USER`: The background user used in the RFC corresponding to the logical system of the BW client
- `BWMANDT`: The BW client ID

If the table does not contain an entry with these settings, the setup of the BW client is not complete. Finish the setup of the BW client before proceeding.

Related Information

[Configuration](#)

4.2.2.4 Setting Up a Financial Products Subledger Client

See [Setting Up a Financial Products Subledger Client \[page 51\]](#).

5 Upgrading SAP S/4HANA for Financial Products Subledger

This section explains how to upgrade from Financial Products Subledger 1812 or Financial Products Subledger 2107 to Financial Products Subledger 2306 (any feature package or support package stack).

5.1 Prerequisites for Upgrade

This section describes the prerequisites for completing an upgrade of Financial Products Subledger.

An upgrade is defined as a switch from a lower release version to a higher release version. Since the add-on release Financial Products Subledger 2306 requires the platform release SAP S/4HANA 2022 or 2023, you can either upgrade both your Financial Products Subledger add-on and S/4HANA, or alternatively, you can upgrade only Financial Products Subledger if your system is already on the S/4HANA 2022 or 2023 platform level. For an upgrade to platform release S/4HANA 2022 or 2023, see the Upgrade Guide for SAP S/4HANA (see [Other Required Documents for Upgrade \[page 44\]](#)).

In both cases, you need to use the maintenance planner to plan your upgrade. Maintenance planner calculates the stack XML with all the required software levels for the affected software components in your system.

For more information about maintenance planner, see https://help.sap.com/viewer/p/MAINTENANCE_PLANNER.











5.1.1 SAP Notes for Upgrade

Read the following SAP Notes before you start the upgrade. These SAP Notes contain the latest upgrade information, as well as any corrections.

Note

Make sure that you have the latest version of each SAP Note, which you can find on SAP Support Portal at <http://support.sap.com/notes>.

SAP Note Number	Title	Description
3331588	Release Information About Stacks of S/4HANA FIN PROD SUBLDGR 2306	Contains information about the initial shipment stack and support package stacks with included support packages.

SAP Note Number	Title	Description
3332935 	Release Strategy and Maintenance Information for the ABAP Add-On S4FPSL 300	Contains information about the required import conditions and other technical details.
3069246 	Release Strategy and Maintenance Information for the ABAP Add-On UIFPSL 200	Contains information about the required import conditions and technical details for the SAP Fiori front-end component UIFPSL.
3238110 	Release Strategy and Maintenance Information for the ABAP Add-On S4FSFND 200	Contains information about planning the installation, upgrades, and support packages of the ABAP add-on S4FSFND 200.
3328628 	Release Information About S4FPSL300 Support Packages	Contains back-end-specific information about steps to consider before and after an upgrade or update.
3069369 	Release information About UIFPSL200 Support Packages	Contains front-end-specific information about steps to consider before and after an upgrade or update.
3330659 	SAP S/4HANA for Financial Products Subledger 2306: Business Content Installation	Contains information about Business Content installation for SAP S/4HANA for financial products subledger. You need to consider how to handle your Customizing when adapting new Business Content.
3533825 	Accounting for Enabled Emissions - Business Content Installation	Contains information about Business Content installation for Accounting for Enabled Emissions . This is only relevant if you use Accounting for Enabled Emissions .
3066471 	Upgrading from SAP S/4HANA for Financial Products Subledger 1812 (S4FPSL 100)	Contains information about the required migration steps for SAP S/4HANA for financial products subledger after the technical upgrade.
1668882 	Note Assistant: Important SAP Notes for SAP_BASIS 730,731,740,750,751,752,753,754,755,756	Make sure you have the latest version of this SAP Note installed in your system before using transaction SNOTE or SPAU.
3093855 	Note Assistant: Important SAP Notes for the Revamped Note Assistant	Make sure you have the latest version of this SAP Note installed in your system before using transaction SNOTE or SPAU.

5.1.2 Other Required Documents for Upgrade

This section lists all documents that you need to upgrade Financial Products Subledger.

Document	Where to Find It	Comment
Upgrade Guide for S/4HANA 2023	https://help.sap.com/doc/760ce610a2af4174a329d2d8315378e2/2023/en-US/UPGR_OP2023.pdf	Relevant upgrade guide for upgrading the platform release to S/4HANA 2023
Upgrade Guide for S/4HANA 2022	https://help.sap.com/doc/760ce610a2af4174a329d2d8315378e2/2022/en-US/UPGR_OP2022.pdf	Relevant upgrade guide for upgrading the platform release to S/4HANA 2022
Maintenance Planner User Guide	https://help.sap.com/viewer/product/MAINTENANCE_PLANNER	Maintenance Planner calculates the appropriate stack level based on the add-on components selected to be part of your system upgrade
Software Update Manager 2.0 <latest SP>	http://help.sap.com/sltoolset ▶ <i>Software Logistics Toolset (SL Toolset)</i> ▶ <i>System Maintenance</i> ▶ <i>System Maintenance Scenarios</i> ▶ <i>Software Update/Upgrade using SUM</i> ▶	Describes how to use Software Update Manager

5.2 Pre-Upgrade Tasks

For Financial Products Subledger, no application-specific tasks are required before an upgrade.

5.3 Overall Upgrade Sequence

This section provides an overview of the overall sequence of steps required to upgrade Financial Products Subledger.

Based on your upgrade plan in maintenance planner with the generated stack XML, you proceed with the execution of your plan and perform the upgrade using the Software Update Manager (SUM). For more information about SUM and software logistics tools, see <https://support.sap.com/en/tools/software-logistics-tools.html>.

The following table lists the specific upgrade paths for Financial Products Subledger:

Product Instance	Start Release Version	Path	Target Release Version
Financial Products Subledger	S4FPSL 100 or 200	Upgrade to higher	S4FPSL 300
	S4FSFND 100 or 200	Upgrade to higher or same	S4FSFND 200
Financial Products Subledger UI	UIFPSL 100 or 200	Upgrade to higher or same	UIFPSL 200
XI/ESR Content	XI CONTENT S4FPSL 100 or 200	Upgrade to higher	XI CONTENT S4FPSL 300

5.4 Post-Upgrade Tasks

This section describes tasks that need to be completed after you have finished the upgrade of SAP S/4HANA for financial products subledger.

The following post-upgrade activities are required:

- Implement additional mandatory SAP Notes in your back-end system after you have finished the technical upgrade to SAP S/4HANA for financial products subledger (see SAP Note [3328628](#)).
- For information about mandatory and recommended activities for the front-end component UIFPSL, see SAP Note [3069369](#).
- After the upgrade, you need to run transaction `/BA1/F0_CONFIG_UPD` in **every** client that contains Customizing entries for SAP S/4HANA for financial products subledger. It carries out all technical adjustments to Customizing. The transaction automatically determines whether a release upgrade from SAP S/4HANA for financial products subledger 1812 or SAP S/4HANA for financial products subledger 2107 took place. Detailed information for each previous release is listed below.

Upgrade from SAP S/4HANA for Financial Products Subledger 2107

If you run transaction `/BA1/F0_CONFIG_UPD`, it carries out the following adjustments:

- Enhancements
 - If needed, local appends and mapping programs are regenerated.
 - If appends to structures for RFC interfaces are missing, a workbench request is requested during the generation of the appends.
 - Derivation framework
 - The generated code for some derivation modules is regenerated because it is no longer up to date.
 - The following possible input fields have been moved from item level to GAAP level:
 - `/BA1/C55INSEIN` Time of Insurance Service
 - `/BA1/C55LOCOMP` Contributes to Loss Component
 - `/BA1/C55LORECO` Contributes to Loss Recovery Component
- If your derivation rules contain one or several of those input fields, an adjustment of the technical settings is needed.

The affected derivations are in Customizing for **Financial Products Subledger** under [Subledger Accounting > Chart of Accounts > General Ledger Chart of Accounts > Derive General Ledger Account](#) and under [Subledger Accounting > Subledger Coding Block > Process > Edit Process Characteristics > Maintain Rules at GAAP Level](#).

- Results data
 - If needed, the metadata for results data is adjusted.
 - The result types for result categories that have been enhanced with new characteristics, and/or key figures are regenerated.

Note

If you have activated the automatic recording of changes, the changes to Customizing objects are recorded in transport requests when the initial configuration is carried out.

If you do not have the authorization to make Customizing changes, you can only run the [Status Check for Configuration Activities](#) function. The changes to Customizing objects or workbench objects must be made using transports created from the initial configuration run.

However, the prerequisite is that the Customizing in the source and target system is identical. This is particularly relevant for the adjustments to the derivation, since the entire derivation is always transported and not just the adjustments to the affected derivation steps. However, you can simply check this using the Customizing comparison (see Customizing for **Financial Products Subledger** under [Subledger Accounting > Technical Settings > Utilities > Compare Derivations](#)) and select [Select Using Customizing Request](#) to determine the comparison status of the derivations for a specific Customizing request.

If a workbench request was created, it must first be imported into the remote system before you import the Customizing request.

No additional migration steps have to be executed because there was no significant change to the existing functions.

Upgrade from SAP S/4HANA for Financial Products Subledger 1812

If you run transaction /BA1/FO_CONFIG_UPD, it carries out the following adjustments:

- System ID in the system landscape table
The system ID in the system landscape table is replaced by the system-independent ID [Global Settings for Financial Products Subledger](#). This means that no specific adaptation steps are needed for **Financial Products Subledger** when you build a new system using a system copy.

Note

The transaction requires a workbench request to record the adjustment. Do **not** import this workbench request into another system because it contains the configuration of the current system.

- Legal entities
 - The definitions of the legal entities are copied from the obsolete view /BA1/VBR_LGENTD to the view /BA1/VBR_LEGENTD.
 - The migration is only possible if the legal entities were consistent in the old release. Inconsistencies occurred if the legal entities were not created in the Customizing but using an own incorrect local report for test purposes.
- Characteristics and key figures

- If the generated access program is not up to date, all characteristics are activated.
- Inactive customer-specific key figures are activated.
- Enhancements
 - If needed, the local appends are regenerated.
- Derivation framework
 - The generated code for derivations is regenerated because it is no longer up to date.
 - The technical name of the source field *Subledger Account Group* of origin `SLDOC` in the derivation rules of process characteristics at GAAP level is replaced (see Customizing for **Financial Products Subledger** under [▶ Subledger Accounting ▶ Subledger Coding Block ▶ Process ▶ Edit Process Characteristics ▶ Maintain Rules at GAAP Level ▶](#)).
 - The following possible input fields have been moved from item level to GAAP level:
 - `/BA1/C55INSEIN` Time of Insurance Service
 - `/BA1/C55LOCOMP` Contributes to Loss Component
 - `/BA1/C55LORECO` Contributes to Loss Recovery Component
 If your derivation rules contain one or several of those input fields, an adjustment of the technical settings is needed.
 The affected derivations are in Customizing for **Financial Products Subledger** under [▶ Subledger Accounting ▶ Chart of Accounts ▶ General Ledger Chart of Accounts ▶ Derive General Ledger Account ▶](#) and under [▶ Subledger Accounting ▶ Subledger Coding Block ▶ Process ▶ Edit Process Characteristics ▶ Maintain Rules at GAAP Level ▶](#).
- Results data
 - If needed, the metadata for results data is adjusted.
 - The result types for result categories that have been enhanced with new characteristics and/or key figures are regenerated.

Note

If you have activated the automatic recording of changes, the changes to Customizing objects are recorded in transport requests when the initial configuration is carried out.

If you do not have the authorization to make Customizing changes, you can only run the [Status Check for Configuration Activities](#) function. The changes to Customizing objects or workbench objects must be made using transports created from the initial configuration run.

However, the prerequisite is that the Customizing in the source and target system is identical. This is particularly relevant for the adjustments to the derivation, since the entire derivation is always transported and not just the adjustments to the affected derivation steps. However, you can simply check this using the Customizing comparison (see Customizing for **Financial Products Subledger** under [▶ Subledger Accounting ▶ Technical Settings ▶ Utilities ▶ Compare Derivations ▶](#) and select [Select Using Customizing Request](#) to determine the comparison status of the derivations for a specific Customizing request.

The workbench request must first be imported into the remote system before you import the Customizing request. Before you transport the workbench requests into the source system, make sure that they do not contain the transport object `CDAT /BA1/VC_F0_SYSLSC`. As described above under [System ID in the system landscape table](#), the workbench request containing the adaptation of the system landscape table cannot be imported to the target system, because it contains the configuration of the current system.

Instead, you need to run transaction /BA1/F0_CONFIG_PROD in the target system in a client that allows temporary cross-client changes. If you do not do this, only the check function will be active in the transaction. The transaction requires a workbench request to record the adjustment.

- **SAP S/4HANA for financial products subledger 2306** contains all the significant changes of **SAP S/4HANA for financial products subledger 2107**. Therefore, you need to run migration steps after you have finished the technical upgrade of **SAP S/4HANA for financial products subledger 1812** to **SAP S/4HANA for financial products subledger 2306**. For more information about these steps, see SAP Note [3066471](#).

After you have performed the post-upgrade activities, you may need to adjust the Customizing for new features. You can use the delivered Business Content as an example. For more information about the new features, see SAP Help Portal at <https://help.sap.com/s4fpsl> under *What's New*.

Note

If you have installed other add-ons, changes in the Customizing settings for **Financial Products Subledger** could also have an impact on these add-ons.

6 Updating SAP S/4HANA for Financial Products Subledger

This section provides information about how to prepare for an update and what to do before and after the update of SAP S/4HANA for financial products subledger.

Note

Technically a system update involves the installation of one or multiple support packages, irrespective of whether the support package contains new features or bug fixes. The upgrade to a next major release is not covered by this section.

Preparing the Update

Updating a support package stack involves updating multiple software components with their individual support packages.

Note the following information:

3331588 - Release information about Stacks of S/4HANA FIN PROD SUBLDGR 2306	Contains information about support package stacks and included support packages.
3332935 - Release strategy and Maintenance Information for the ABAP add-on S4FPSL 300	Contains the required import conditions and other technical details.
3069246 - Release strategy and Maintenance Information for the ABAP add-on UIFPSL 200	If you use Fiori apps in the hub deployment with two different system instances, you can apply independent maintenance strategies for the two system instances. This SAP Note contains the required import conditions and technical details for the Fiori front-end component UIFPSL.
1668882 - Note Assistant: Important notes for SAP_BASIS 730,731,740,750,751,752,753,754, 755, 756	Make sure you have the newest version of this SAP Note in your system to prepare further SAP Note implementations and get the latest corrections needed for transaction SPADU.
Maintenance Planner	The Maintenance Planner calculates the appropriate support package level based on the add-on components selected to be part of your system update.
Support Package Manager	
Software Update Manager	
	Alternatively, you can perform the update using the Support Package Manager (transaction SPAM) or the Software Update Manager (transaction SUM).

In addition to preparing for the technical update, you also need to consider how to handle your Customizing. Do not change your settings with an update unless explicitly recommended or unless it is required due to a new functionality.

Update Sequence

1. Before the update

SAP Note [3328628](#) - **Release information about S4FPSL300 Support Packages** contains information for updating the back-end system to a certain Support Package level of S4FPSL 300.

2. Executing the update

Based on the stack XML file and your Maintenance Planner transaction, you can now execute the plan and perform the update.

Alternatively, you can use transactions `SUM` or `SPAM`.

3. After the update

- Implement additional mandatory SAP Notes in your back-end system (see SAP Note [3328628](#)) after you have reached the intended support package level.
- Follow the mandatory activities described in SAP Note [3328628](#) - **Release information about S4FPSL300 Support Packages**. These post-update activities may differ depending on the support package level that you want to achieve with the system update.

Note

Make sure you run these activities to complete the update of your system and reach a consistent target state.

- If you have updated your front-end component UIFPSL, you can find information about mandatory and recommended SAP Notes in SAP Note [3069369](#).

7 Setting Up a Financial Products Subledger Client

After you have configured the Tool BW, you need to configure a Financial Products Subledger (FPSL) client.

Note

We recommend that you create a separate client for this. For more information, see SAP Note [2952947](#).

The client concept is fully enabled in **Financial Products Subledger**, but not in software component BW, which is cross-client.

This might cause issues in the future. For example, a local client copy is no longer possible.

Setting up a new FPSL client:

1. Create a new client and assign a logical system to it using transaction SCC4.
2. Make a client copy from client 000 to the new client with copy profile SAP_CUST or SAP_ALL.


Note

No postprocessing is necessary, which means you do not need to execute transaction /BA1/AT_INIT in the new client.

3. Create a background user in the FPSL client and assign the authorizations for BW source systems to the background user in the FPSL client using transaction SU01. For more information, see [Creating RFC Users in Source Systems](#). Copy SAP_FPS_EXP_FINANCIAL_ACCTNT to a Z role and enter the authorization values accordingly. Then assign the copied role to the background user.
4. Create an RFC destination using transaction SM59. Use the same name as the logical system that is assigned to the FPSL client. Make the following settings:
 - **Technical Settings** tab page:
You may not need to make settings. Do not enter a system.
 - **Logon and Security** tab page:
Enter the following data:
 - ID of the financial products subledger client
 - Background user
 - Assigned password

Setting up the logical FPSL client in the physical Tool BW client:

⚠ Caution


We do not recommend to use an FPSL client in the physical Tool BW client. For more information, see SAP Note [2952947](#) .

Check that client 000 was copied to the BW client after FPSL was installed. If not, some essential Customizing data will be missing.

Check the RFC destination that corresponds to the logical system of the BW client. As in step 3, the following needs to be configured for the background user of this RFC:

- Assign the authorizations for BW source systems
- Copy and assign role
SAP_FPS_EXP_FINANCIAL_ACCTNT

7.1 Create an Entry in the System Landscape Table

In Customizing for **Financial Products Subledger**, choose ► [Basic Settings](#) ► [Global Settings](#) ► [Define System Landscape for Financial Products Subledger](#) .

Make an entry in this Customizing activity for every client in which you want to run SAP S/4HANA for financial products subledger.

On the [System Landscape](#) screen, you create a new entry and make the following settings, which apply to the overall system:

Configuration	Choose Global Settings for Financial Products Subledger
Switch	By default, the append generation is set to the Standard Append Generation mode. For more information, see the F1 help for the field.
Namespace	This is the namespace for transportable objects of the enhancement tool. Set the namespace to Z or Y, or your own transportable customer namespace. If you do not make an entry, the system sets the default value Z for the namespace. If workbench objects of the enhancement tool already exist, the entry is overwritten with the namespace of these objects.
Package	Specifies the package for transporting the generated workbench objects of the enhancement tool. For more information, see the F1 help for the field.

On the *Active Clients* subscreen, make the following settings for each client that runs SAP S/4HANA for financial products subledger:

Client	Enter the Financial Products Subledger client number.
Source System ID (mandatory)	<p>Enter a source system ID.</p> <p>This is used to separate the data from different Financial Products Subledger clients in the Tool BW. A source system ID consists of two alphanumeric characters.</p> <div style="border: 1px solid #0070C0; padding: 5px;"><p>→ Recommendation</p><p>We recommend that you use different source system IDs for all clients across the whole Financial Products Subledger system landscape (in all systems including development, test, and production).</p></div>
Staging BW	<p>Enter the system name of the BW client from which the Data Loading Process (DLP) in Financial Products Subledger loads data. The staging BW system can be a separate system or the tool BW client of the Financial Products Subledger system. In the latter case, leave this field empty. As a result, the system does not have to use Remote Function Calls (RFC) to read data from BW in the Data Loading Process, which increases performance.</p>
DLP Target Client (Data Loading Process Target Client)	<p>If you supply data to Financial Products Subledger using the Data Loading Process, the system creates change pointers in BW and stores them in the Financial Products Subledger system. You can use this checkbox to determine in which Financial Products Subledger clients the system stores the change pointers.</p> <p>The system only uses this information if no explicit source system ID is transferred when the change pointer is updated in the DLP. This means that all the selected clients are provided with the data by means of the DLP. This is important for the delivery of market data that is relevant for more than one client.</p> <p>You must assign a logical system to the Financial Products Subledger client in SCC4. This information is required in the Data Loading Process (DLP) to get data about change pointers (this is done using an RFC to the correct target client).</p> <p>If the DLP is not used, this field has no effect and can be left empty.</p>

7.2 Business Partner Settings

Financial Products Subledger (software component S4FPSL) is an add-on that is installed on an SAP S/4HANA instance. There are two different business objects available for the business partner in this type of installation:

- **Recommended:** SAP Business Partner, maintained in transaction **BP**
- Analytical Business Partner (aBP), maintained in transactions **BPV1** (Create), **BPV2** (Change), **BPV3** (Display)

Note

The Analytical Business Partner is not relevant for **SAP S/4HANA, financial posting gateway**.

→ Recommendation

We strongly recommend that you use SAP Business Partner to avoid SAP Business Partner data being replicated to the analytical business partner. Data is replicated and multiplied by versioning, and the versioning of SAP Business Partner data in Financial Products Subledger causes a runtime overhead when reading data. This will have a negative effect on system performance.

Regardless of which business partner you use, you need to ensure that the business partner IDs are mapped.

For this mapping, run report `FSBP_MAINTAIN_IDTYPE_MAPPING` and save the mapping. It maps new identification categories and types in Customizing table `BUT0ID` (ID numbers) to existing identification number categories in table `BPID001` (ID numbers).

Note

Once the results of the report have been saved, the assignments between identification categories and types determined by the report cannot be changed.

Only after that should you activate business function `CA_FSBP_MIGRATION_ID` (transaction **SFW5**) to create Customizing settings. This is described in SAP Note [1556353](#).

Once you have created Customizing settings for the identification numbers, the system displays the additional partner numbers from table `BPID001` in online processing mode as identification numbers. For more information, see the report documentation for `FSBP_MAINTAIN_IDTYPE_MAPPING` (transaction **SA38**).

More Information

[SAP Business Partner for Financial Services](#)

SAP Note [1556353](#): `BP_AID`: Checklist for migration of "Additional Partner Numbers"

SAP Note [2798746](#): Usage of the Analytical Business Partner in S4FPSL

8 Configuring SAP S/4HANA for Financial Products Subledger

This section describes how to configure SAP S/4HANA for financial products subledger.

With Business Content we provide an example configuration for the system that can be used by the team members in your implementation project to familiarize themselves with the system architecture and functions. The examples, templates, and solutions provided with Business Content enable you to create prototypes easily and speed up the implementation process. Business Content contains sample Customizing for the end-to-end processing of data for Subledger Accounting for Financial Instruments and Subledger Accounting for Insurance Contracts.

Business Content is delivered using Business Configuration Sets (BC sets), piece lists, and content for SAP NetWeaver Business Warehouse (BW). Once you have installed the Business Content, you can access the related Customizing settings in your system.

Note

Business Content is not intended to replace an implementation project and is not suitable for productive use without individual adaptations. Therefore, it cannot replace an implementation project.

Note

Once installed, Business Content is not different to any other Customizing you have done manually. When the system is updated to a new Feature Package (FP) the Business Content remains valid. There is a new Business Content version for every Feature Package that reflects changes to internal test Customizing due to new functions, new test scope, fixed errors, or adjustments following customer feedback. However, do not install Business Content sets in a client that already contains Customizing.

Note

If you upgrade from S4FPSL 100 to S4FPSL 200 or S4FPSL 300, the Customizing, especially for Subledger Accounting for Insurance Contracts, needs to be adapted. For more information, see SAP Note [3066471](#).

8.1 Configuring Subledger Accounting

After you have set up a **Financial Products Subledger** client, you can install Business Content for *Subledger Accounting* in this client. To do this, follow the instructions described in SAP Note [3330659](#) **SAP S/4HANA for Financial Products Subledger 2306: Business Content Installation**.

Business Content is a set of Customizing settings that provides a preconfiguration for **Financial Products Subledger**. Some parts of this Customizing are generic, while other parts are based on assumptions (for example, availability of data or the semantics of data). In general, SAP provides end-to-end scenarios. Once Business Content has been successfully activated, the client contains Customizing for the respective business

scenario that is ready to run. In a customer project, Business Content must be adjusted to the needs of the customer. This means that Business Content can be taken as the starting point for an implementation project on which changes and additional Customizing settings are made.

Note

Business Content is the starting point in your development system for creating the Customizing that will be used productively. The setup of test and productive systems has to be done using the customer's Customizing. It never requires the installation of Business Content.

Note

If you use **Accounting for Enabled Emissions**, you have to install Business Content for Accounting for Enabled Emissions after you have installed Business Content for *Subledger Accounting*. To do this, follow the instructions described in SAP Note [3533825](#)  **Accounting for Enabled Emissions - Business Content Installation**.

9 Operating SAP S/4HANA for Financial Products Subledger

This section contains general information about how to operate **Financial Products Subledger**.

Financial Products Subledger is based on SAP S/4HANA. For general operations information, see the *Operations Guide for SAP S/4HANA* (go to <https://help.sap.com/s4hana>).

Specific Information for SAP S/4HANA for Financial Products Subledger

See SAP Note [2874355](#) .

Monitoring

For more information, see [Monitoring \[page 58\]](#).

Trace and Log Files

There are application log objects that are specific to **Financial Products Subledger**. The objects start with the prefix `/BA1/`.

Workload Monitors

Parallel processing and packaging settings affect the processing time and the usage of hardware resources.

You can use monitoring tools such as the report `RBANK_PP_MONITOR` to verify parallel processing and package size settings that lead to the expected throughput of a mass process.

Administration and Management

- Technical Configuration
Financial Products Subledger does not recommend custom code changes. They are considered modifications and are not supported. There are tools to perform changes without modifications, such as the standard BADIs.
- Periodic Tasks
For more information, see [Periodic Tasks \[page 59\]](#).

Troubleshooting

For more information, see [Troubleshooting \[page 61\]](#).

Calculation and Valuation Process Manager (CVPM)

You can use the Calculation and Valuation Process Manager to configure and execute analytical processes beyond **Financial Products Subledger**.

Support Desk Management

The *FS-FPS* application component (including subcomponents) is relevant for **Financial Products Subledger** and should be used to report problems.

Note

For **Accounting for Enabled Emissions**, you should use the *FS-GGA* application component when reporting problems.

Reports for Development and Test Systems

For more information, see [Reports for Development and Test Systems \[page 63\]](#).

9.1 Monitoring

This section describes monitoring tasks for **SAP S/4HANA for financial products subledger**.

RFC-Enabled Function Modules

There is a collection of remote function call-enabled function modules (RFCs) that are APIs, which are used to create data in **Financial Products Subledger**.

RFCs are only an interface and not a process. They return only standardized messages that document the status of the process you are executing. The calling process is responsible for creating an appropriate log and reacting appropriately to the response of the RFCs. The calling process is also the owner of the logical unit of work (LUW) and the transaction handling (commit or rollback).

Therefore, there are no monitoring functions for these interface calls in **Financial Products Subledger**.

For more information, see [RFC Interfaces](#).

Data Loading

You can also load data to **Financial Products Subledger** using embedded BW functionality.

The data loading process owns a process type, which can be included in a BW process chain. The process loads data according to existing change pointers. The change pointers always document the current status of each object to be loaded. The change pointers are also used to restart the process to handle objects with errors.

For more information about data loading topics, see [Data Loading Process \(FS-FPS-IF-DL\)](#).

Data Growth and Data Archiving Monitors

For more information about the archiving processes in **Financial Products Subledger**, see [Archiving Using Archive Administration](#).

Calculation and Valuation Process

For more information, see [CVPM Process Monitor](#).

Web Services (SOAP)

Some interfaces to **Financial Products Subledger** are implemented as web services. The infrastructure is responsible for the handling of services. The infrastructure is the active component and is responsible for the logging of information, transaction management, and the required monitoring capabilities. The SAP infrastructure component for handling SOAP messages is Process Integration (PI), which contains the following monitoring tools:

- Technical monitoring: `SXMB_MONI`
- Technical monitoring for WS services: `SRT_MONI`
- Technical monitoring for WS services: Sequence monitor: `SRT_MONIS`
- Error and conflict handling: `ECH_MONI_SEL`
- Error and conflict handling (`/SAPPO/PP02`)

These tools are not specific to **Financial Products Subledger** and so general descriptions are available. While implementing the service usage, you must ensure that the monitors are connected to an alerting mechanism so that an operator or person responsible is informed immediately if an incident occurs (by SMS or e-mail, for example).

You can use the Postprocessing Office or the Error and Conflict Handler to analyze services used by **Financial Products Subledger**. You can access interface monitors for analyzing problems with interfaces such as RFC, IDoc, and HTTP using transactions `SMQ1` (Outbound Queue) and `SMQ2` (Inbound Queue).

For more information, see [Error Handling in Financial Services](#) or [Handling Errors and Conflicts](#).

You can access these functions from the SAP Easy Access screen under *Cross-Application Components*.

9.2 Periodic Tasks

This section describes periodic tasks that must be completed for **SAP S/4HANA for financial products subledger**.

This section lists the most important tasks to be performed regularly by the administrator.

Note

The periodic tasks listed here help to keep your SAP system stable.

These tasks are not critical for system availability. Avoid running additional tasks if the system has stalled due to an overload of work processes and needs to be restarted.

Periodic tasks include reports on the daily processing of accounts and business transactions. The sequence in which you run these reports and their interdependencies depend on the configuration of your system. You

define the order in which the system runs the reports, and how the reports interrelate, according to your business needs.

You can find additional information about periodic tasks for the components in **Financial Products Subledger** on SAP Help Portal at <https://help.sap.com/s4fpsi>.

Scheduled Periodic Tasks

This section describes all tasks that can be automated and that must be run periodically to keep the application running smoothly. These tasks may be required at component level and are therefore relevant in every scenario that uses the component. Other tasks may be relevant for specific business scenarios only. It is important that you monitor the successful execution of these tasks on a regular basis.

Program Name / Task	Recommended Frequency	Description
Archiving (ILM)		For more information about the archiving processes in Financial Products Subledger , go to https://help.sap.com/s4fpsi , enter <i>Archiving with ILM-Enabled Archiving Objects</i> in the search bar, press <input type="text" value="Enter"/> , and open the search result with that title.
Report RBANK_DELETE_RUNS	See SAP Note 1439952	This reports deletes RBANK_PP_MONITOR process data.

Manual Periodic Tasks

This section describes all manual tasks that need to be run periodically to keep the application running smoothly over time. Unlike the scheduled tasks listed above, which you can automate using a task scheduler program, you need to execute manual tasks yourself. These tasks may be required at component level and are therefore relevant in every scenario that uses the component. Other tasks may be relevant for certain business scenarios only. It is important that you monitor the execution of these tasks on a regular basis.

Manual Periodic Tasks

Program Name / Task	Description
Transaction /BA1/FW_PROCMON	Monitors all current jobs for CVPM processes. You can also archive data, display more information for each job (run status, detailed log, statistics, interdependencies of runs), abort corrupt jobs, and restart jobs (if the CVPM process uses the step controller /BA1/CL_AL_FW_STEP_CONTROL).
Transaction RSPC	Process chain maintenance for data loading
Transaction /BA1/F3_DS_PACK	Deletes data packages for primary data sources

Database Monitoring

After the initial partitioning of database tables during the installation process (in accordance with consulting note [2722355](#)), the partitioning of tables must be adjusted over time. A set of tables is partitioned based on the posting date and partitions may have been created for just one or two fiscal years in the future, so new partitions need to be created on a regular basis. Often, tables need to be partitioned when there is no OTHERS partition, so you must make sure that partitions you require always exist (for example, with regard to posting dates). If not, the system will terminate processes that try to write in non-existent partitions.

It is strongly recommended that you regularly implement the newest SAP Notes for the application. Also the normal health checks for a database have to be applied. For more information, see the Operations Guide for SAP S/4HANA.

The data volume growth in the partitions also needs to be checked regularly. The initial partitioning is performed based on assumptions about data volume growth, so these assumptions may need to be adjusted. For example, if data volume growth is faster than expected and a finer partitioning is required.

9.3 Troubleshooting

This section describes troubleshooting for **SAP S/4HANA for financial products subledger**.

For general information, see the corresponding chapter in the Operations Guide for SAP S/4HANA.

Specific Problem Analysis

Some problems may arise from specific processes within **Financial Products Subledger**.




Calculation and Valuation Process Manager (CVPM)

For more information, see [CVPM Process Monitor](#), [Step Controller](#), and [Capability to Restart Parallel Processes](#).

Configuration and Generated Objects

Some functions require objects that are generated during postprocessing of a client copy, or when you save or activate Customizing objects. The system generates the objects automatically without checking data for consistency. To check whether the client was copied successfully, you need to compare the data in the source client with the data in the target client. The following sections provide information about how to analyze and solve these problems.

If object generation fails, you can manually start the following reports to create the required objects or for an overview of all generated objects:

- Check report for Customizing and configuration of source data
This check routine identifies inconsistencies in Customizing and the activation of generated objects.
In Customizing for **Financial Products Subledger**, choose [Data Model](#) [Technical Settings](#) [Check Configuration](#) .
- Characteristics and key figures
 - Check current status of characteristics and correct errors:
In Customizing for **Financial Products Subledger**, choose [Basic Settings](#) [Settings for Meta Data](#) [Characteristics](#) [Characteristic Monitor](#) .
 - Check current status of key figures and correct errors:
In Customizing for **Financial Products Subledger**, choose [Basic Settings](#) [Settings for Meta Data](#) [Key Figures](#) [Key Figure Monitor](#) .

- You can check whether your settings in Customizing for Subledger Accounting are consistent in Customizing for Financial Products Subledger under ► [Subledger Accounting](#) ► [Technical Settings](#) ► [Utilities](#) ► [Check Configuration](#) ►.
- You can check the current status of your enhancement structures and the status of the generated code for field mapping in Customizing for Financial Products Subledger under ► [Data Model](#) ► [Technical Settings](#) ► [Analyze and Generate Database Appends](#) ► and [Check Configuration](#). You can use the *Information* pushbutton in the Customizing activity to display more technical information.
- You can check the current status of your enhancement structures and the status of the generated code for derivation, and regenerate it if required, in Customizing for Financial Products Subledger under ► [Subledger Accounting](#) ► [Technical Settings](#) ► [Utilities](#) ► [Analyze and Generate Enhancement Structures](#) ►. You can use the *Information* pushbutton in the Customizing activity to display more technical information.


Configuration and Generated Objects for Accounting for Enabled Emissions

If you are using **Accounting for Enabled Emissions**, you can check if the client was copied successfully by checking the following Customizing activities:

- Check report for inconsistencies in Customizing and configuration of source data
In Customizing for **Accounting for Enabled Emissions**, choose ► [Data Model](#) ► [Technical Settings](#) ► [Check Configuration](#) ►.
- Characteristics and key figures
 - Check current status of characteristics and correct errors:
In Customizing for **Accounting for Enabled Emissions**, choose ► [Basic Settings](#) ► [Settings for Meta Data](#) ► [Characteristics](#) ► [Monitor for Characteristics](#) ►.
 - Check current status of key figures and correct errors:
In Customizing for **Accounting for Enabled Emissions**, choose ► [Basic Settings](#) ► [Settings for Meta Data](#) ► [Key Figures](#) ► [Monitor for Key Figures](#) ►.
- You can check the current status of your enhancement structures and the status of the generated code for field mapping in Customizing for **Accounting for Enabled Emissions** under ► [Data Model](#) ► [Technical Settings](#) ► [Analyze and Generate Database Appends](#) ►. You can use the *Information* pushbutton in the Customizing activity to display more technical information.
- You can check the current status of your enhancement structures and the status of the generated code for derivation, and regenerate it if required, in Customizing for **Accounting for Enabled Emissions** under ► [Subledger Accounting](#) ► [Technical Settings](#) ► [Utilities](#) ► [Analyze and Generate Enhancement Structures](#) ►. You can use the *Information* pushbutton in the Customizing activity to display more technical information.

Problems During Postprocessing

In Financial Products Subledger, a cockpit is available to check problems that occur in postprocessing after client copies and transports. On the SAP Easy Access screen under **Financial Products Subledger**, choose ► [Infrastructure](#) ► [Tools](#) ► [Postprocess Transport and Client Copy](#) ► (transaction /BA1/AT_INIT) to open the cockpit.

For information about client copies and transports, see [Postprocessing of Transports and Client Copy and 3237491](#) .

Memory Dumps During Day End Processing

Exceptionally large worklist packages (e.g., packages of 5,000 or 10,000) can lead to memory dumps during day-end processing. You can avoid this by reducing the package size of the worklist for the step sequence of the consolidation (CONSOLI). Use packages that are not larger than 1,000. In addition, run the day-end process in sequence in order to make the application server memory available for this single job execution. After the process runs in a stable manner again, you can increase the package size. However, do not use larger worklist package sizes unless you are sure that the system has enough main memory available. If memory dumps occur during the CONSOLI step sequence in day-end processing, they may occur repeatedly. You cannot properly continue processing then. For additional information, please see consulting note [3386227](#).

Data Volume

Financial Products Subledger has a full versioning strategy for most of its objects, which increases data volume. The data volume can be reduced by archiving data as soon as possible.

For more information, go to [Data Archiving and Data Destruction](#).

Communication with Services (SOAP)

For the analysis of services used by **Financial Products Subledger**, you can use the Postprocessing Office or the Error and Conflict Handler (see [Monitoring \[page 58\]](#)).

The system stores messages that could not be processed completely in the Error and Conflict Handler, which is integrated in the Postprocessing Office. This integration allows you to configure a workflow that forwards errors to an administrator to handle the problem.

In the event of a configuration error, you can change the application configuration and the message can be reprocessed locally. In the event of data errors, the issue has to be solved in the sending system because the data errors must be corrected there.

9.4 Reports for Development and Test Systems

The section provides information about useful test reports for Financial Products Subledger.

Note

Note that these reports are designed to be used in test systems only, and cannot be executed in a live system.

Technical Name of Transaction for Report	Description	Additional Information
/BA1/BR_RDL_MAN_CHNG	Manual entry of results data	<p>You can use this report to upload test data to the results data storage. The loading process comprises three steps for each result category in Financial Products Subledger:</p> <ol style="list-style-type: none"> 1. Data is created in the display list in one of the following ways: <ul style="list-style-type: none"> • Manual entry • Reading an CSV file • Reading existing data from the results data storage 2. Data is edited in the display list. 3. Data is saved.
/BA1/RBR_RDL_MANUAL_CHNG_GEN	Manual entry of results data	<p>You can use this report to manually upload data to the results data storage. This report can be used to upload data based on the results data area and result type. Therefore, it can be used to upload data for which there is no FPSL result category.</p>
/BA1/HW_EXCEL_EXEC	Upload results data	<p>You can use this report to upload test data to the results data storage. The system loads the data for each result type by reading a CSV file.</p>
/BA1/R6_CHECK_PDS	Check worklists	<p>You can use this report to check primary data sources. These data sources are used by the analytical processes to create worklists for processing. Understanding how data is provisioned by these data sources can help you to understand the data processing in the analytical processes. In particular, you can check the reading behavior of the primary data sources that you have created.</p>
/BA1/BR_SCB_VERSION	Display subledger coding block versions	<p>You can use this report to analyze the characteristics of your journal entries that come directly from the master data or that are indirectly derived from master data. In particular, this includes information about the analytical status.</p>

10 UI Technology Information for SAP S/4HANA for Financial Products Subledger

Note

This section deals with UI technology topics relevant for **SAP S/4HANA for financial products subledger**, especially the use of SAP Fiori apps, and is intended for system administrators and technical consultants.

Workplace for Financial Accountants and Actuaries

Note

This section is not relevant for **SAP S/4HANA, financial posting gateway**.

With **Financial Products Subledger**, the workplace for financial accountants and actuaries is accessible in the SAP Fiori launchpad.

Using the launchpad, you can call up all apps for which you have been granted access.

Financial Products Subledger is based on SAP S/4HANA. For general information about UI technology in SAP S/4HANA, see [SAP Fiori Overview](#).

Note

Not all the information contained in this information is applicable for the apps in **Financial Products Subledger**, for example, the information about SAP Fiori search and extensibility.

App Implementation

For the implementation of the apps in **Financial Products Subledger**, you need information from the **app-specific implementation documentation**, such as technical names of services, roles, and so on.

You can find this information in the **SAP Fiori apps reference library** at:

- *Changes in Insurance Liabilities* app: <https://fioriappslibrary.hana.ondemand.com/sap/fix/externalViewer/index.html?appld=F3685>
- *Assign Change Reasons – Insurance Contracts* app: <https://fioriappslibrary.hana.ondemand.com/sap/fix/externalViewer/index.html?appld=F3686>

Make sure that you run report /UI5/APP_INDEX_CALCULATE to calculate the SAPUI5 application index. Schedule the job as a background job. For more information, read the report documentation.

Extensibility

You can extend the *Changes in Insurance Liabilities* app by adding fields, including custom fields. For more information, see the SAP Fiori apps reference library.

Integration with SAP Analytics Cloud

The data model in **Financial Products Subledger** is now integrated with the SAP S/4HANA virtual data model (VDM). The VDM uses Core Data Services views (CDS views) to provide simplified, business-oriented access to transaction data in Financial Products Subledger.



You can use the CDS views to integrate with analytical applications such as **SAP Analytics Cloud**. For more information, see [Importing from the Content Network](#).

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