



Central Finance

What's New in SAP S/4HANA 2022

October, 2022

Public

Agenda

Short Recap – What is Central Finance?

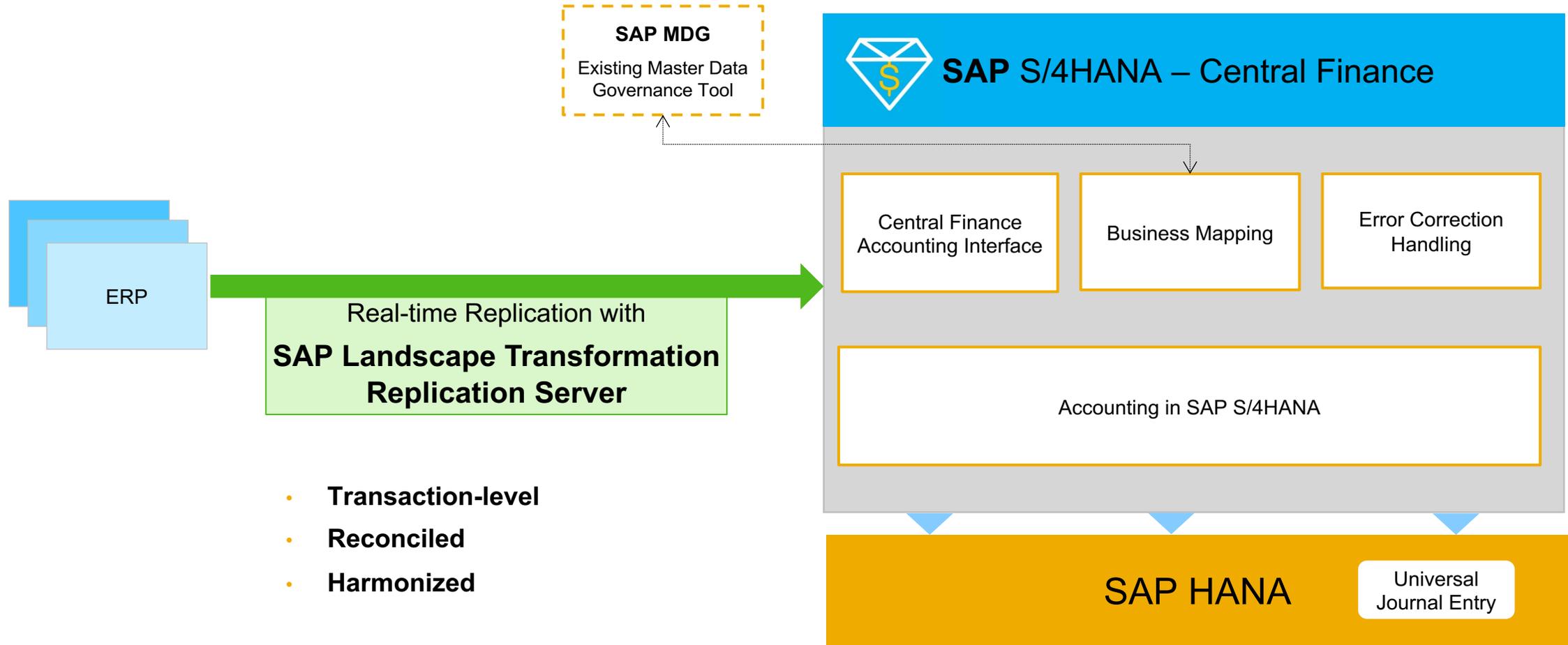
Highlights: Functions Delivered in SAP S/4HANA 2022

- Revenue Accounting and Reporting Integration with Central Finance
- Permanent Consistency Check with Inconsistency Alerting
- Central Payment Activation for Intercompany AP/AR
- Trading Partner Consistency Check for AP/AR Line Items
- Configuration Consistency Checks for Document Types
- Store Less Data during Recording for Intermediate Data Retention
- Intermediate Data Retention for Cloud Source Systems
- Upload Assignments of AIF Error Message Numbers to Error Categories
- Enhancements for Temporary Posting and Pending Journal Entries Apps
- Comparison Report Adjustments
- Enhancements for Central Accruals Management
- Mass Data Update for Cost Objects
- Deferred Tax – Support of Document Splitting

Functions Delivered in SAP S/4HANA 2021 Feature Pack 1 and SAP S/4HANA 2021 Feature Pack 2

Short Recap: What is Central Finance?

Functions supporting Central Finance



Some releases supported out-of-the-box – others require additional effort –refer to SAP note **2184567, question #5**

Central Finance in the Intelligent Enterprise

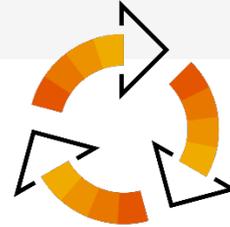
OnPremise & Cloud

Central Finance

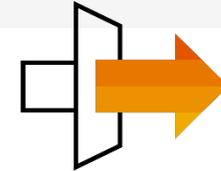
Finance Transformation & Technology Foundation



Planning, Reporting & Compliance



Finance Operations & Shared services



Central Close



Intelligent Automation & Operations

Efficiency in Operating Central Finance

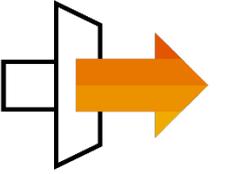
Highlights: Functions Delivered in SAP S/4HANA 2022

Revenue Accounting and Reporting

Integration with Central Finance

Revenue Accounting and Reporting – Integration with CFIN

Highlights



Value for Users:

Revenue Accountant

Motivation/Background

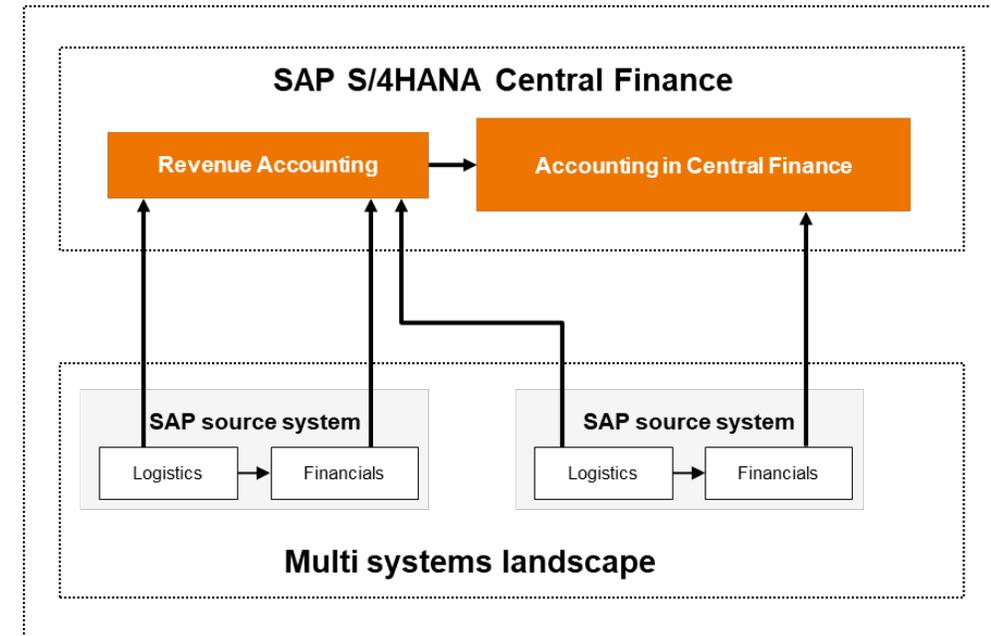
Enabling central use of Revenue Accounting and Reporting

Solution/Feature

- *Revenue Accounting integration with Central Finance*
- *Mapping of data from source systems to Revenue Accounting and Reporting as a part of Central Finance*
- *Central Finance replication scenarios and Revenue Accounting and Reporting inbound processing share the same mapping rules*

Business Benefit

- ✓ *Increase efficiency for Revenue Accountants by centralizing and streamlining processing and posting of revenue accounting data from one or several source systems in a Central Finance system*
- ✓ *Simplification and cost reduction by centralizing Revenue Accounting and Reporting for several source systems in a Central Finance system*



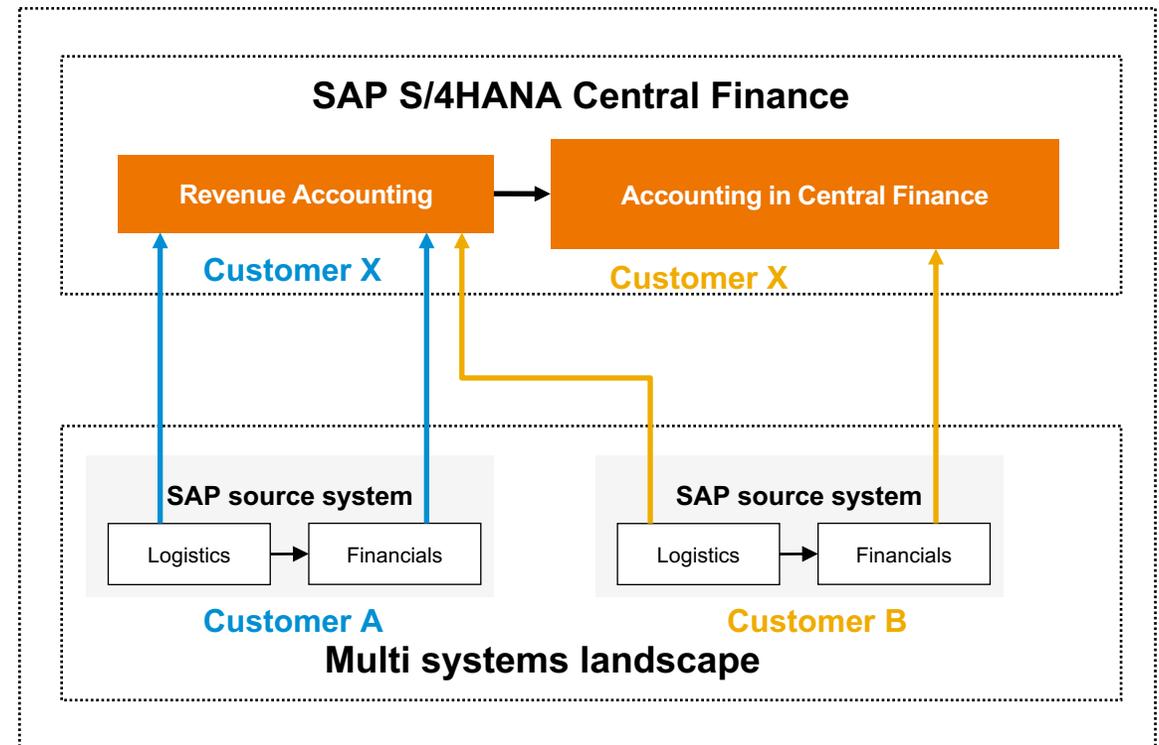
Revenue Accounting and Reporting – Integration with CFIN

Business Example

Customer accounts in two separate source systems (for example, Customer A and Customer B) are the same customer with different customer numbers in the different systems. They will both be mapped to customer account Customer X in the Central Finance system. The same applies as well for other mapping entities.

Customer A is mapped to customer X.

Customer B is mapped to customer X.



Revenue Accounting and Reporting – Integration with CFIN

Business Context

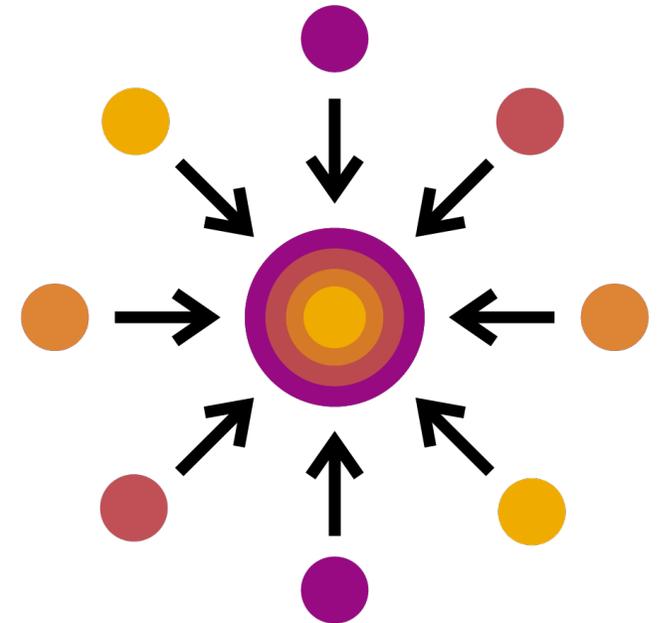
Revenue Accounting and Reporting can integrate with different sender components, such as SAP Sales and Distribution, SAP Billing and Revenue Innovation Management, SAP S/4HANA Service or other third-party solutions.

To calculate the revenue and cost according to IFRS15, events from these operational systems such as orders, fulfillments and invoices are converted into revenue accounting items (RAIs). When these RAIs are processed, contracts in Revenue Accounting are created or updated. Data from these revenue accounting contracts is the basis for adjusting revenues and corresponding balance sheet postings such as contract liability and assets.

In the integration scenario with decentral sender components and Revenue Accounting in Central Finance, **mapping** needs to be done **during RAI processing**.

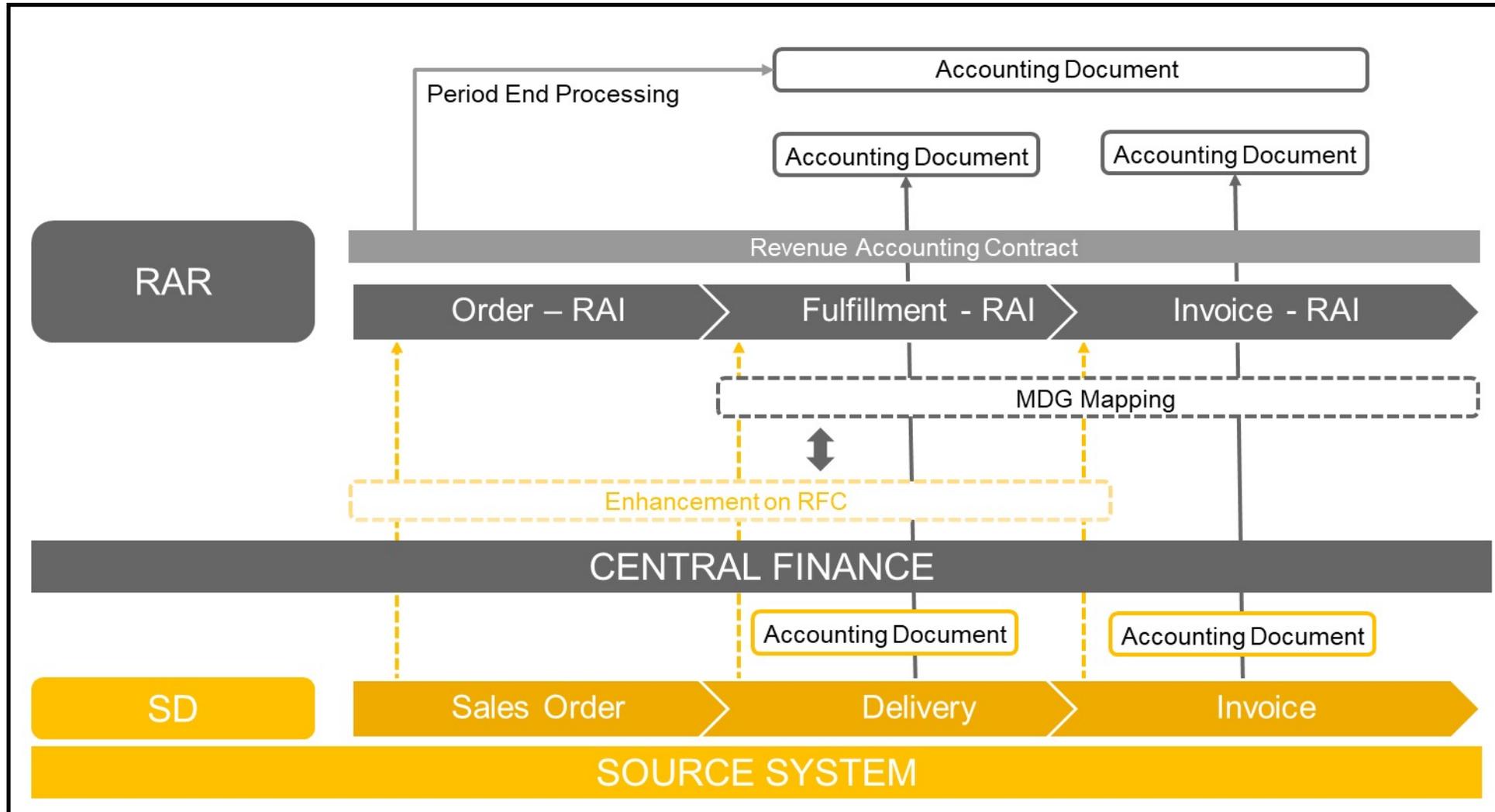
Central Finance offers integration to **Master Data Governance (MDG)** to access available mapping information there.

Inbound Processing in RAR reads the available mapping information from central finance during RAI transfer and updates the master data attributes of RAIs accordingly.



Revenue Accounting and Reporting – Integration with CFIN

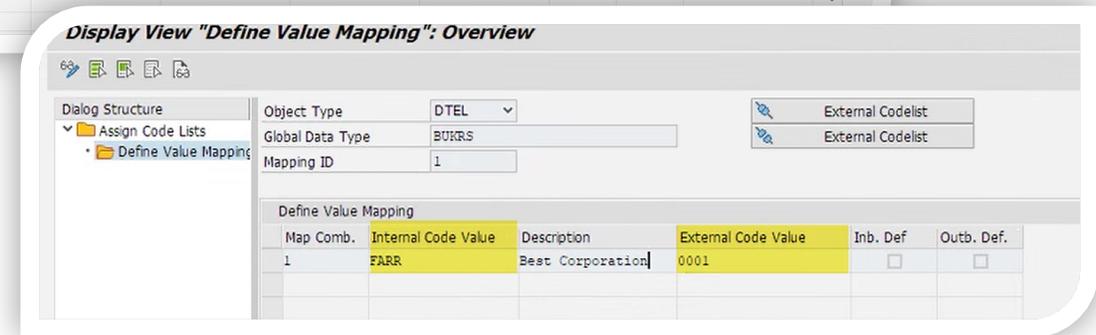
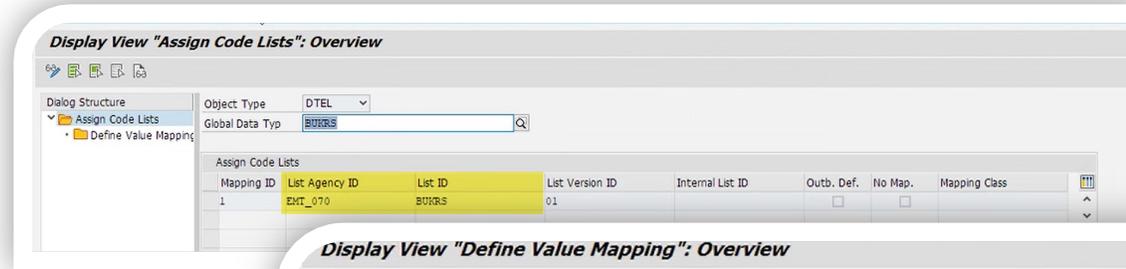
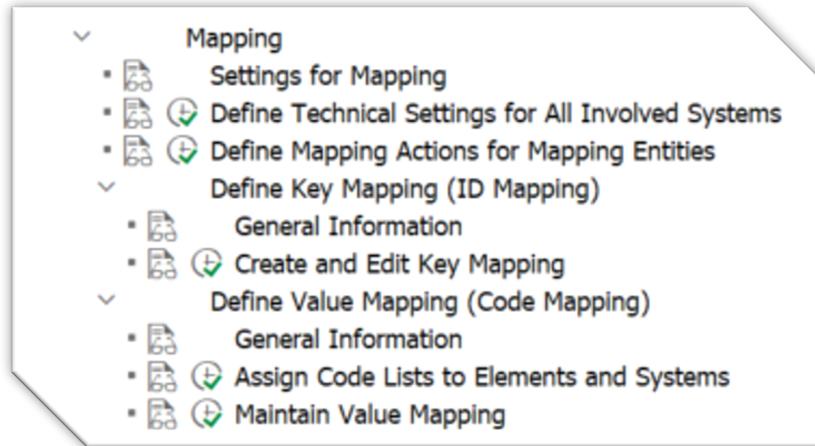
Data Flow



Revenue Accounting and Reporting – Integration with CFIN

Mapping

For mapping of RAR data, standard customizing of Central Finance is used:



Key mapping and value mapping:

- Objects which are typically referred to as master data, such as: customers, vendors, materials → **MDG Key Mapping**
- Objects which are typically referred to as customizing objects, such as: document types, posting keys, company codes → **MDG Value Mapping**

Revenue Accounting and Reporting – Integration with CFIN

Customer Enhancements

The fields that can be mapped are defined in the following structures:

- FARR_S_RAI_CFIN_MAIN
- FARR_S_RAI_CFIN_COND
- FARR_S_RAI_CFIN_COPA

Customer can enhance the main structure through additional fields using extension include:

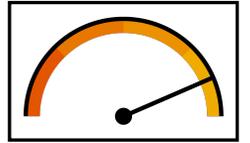
.INCLUDE	Type	▼ FARR_S_ICRAI_CI	<input type="checkbox"/>	0	0	0 SAP Fields That Are Allowed to Be Used as Customer Fields
.INCLUDE	Type	▼ FARR_CONTRACT_ITEM_INCL_EEW_...	<input type="checkbox"/>	0	0	0 Enhancement Include Contract Item
DUMMY_CONTR_ITM_INCL_EEW_PS	Type	▼ CFD_DUMMY	CHAR	1	0	0 Custom Fields: Dummy for Use in Extension Includes
.INCLUDE	Type	▼ INCL_EEW_FARR_POB	<input type="checkbox"/>	0	0	0 Enhancement Include Performance Obligations
POB_EEW_DUMMY	Type	▼ CFD_DUMMY	CHAR	1	0	0 Custom Fields: Dummy for Use in Extension Includes
.INCLUDE	Type	▼ INCL_EEW_FARR_REP	<input type="checkbox"/>	0	0	0 Enhancement Include Postings
REP_EEW_DUMMY	Type	▼ CFD_DUMMY	CHAR	1	0	0 Custom Fields: Dummy for Use in Extension Includes
.INCLUDE	Type	▼ INCL_EEW_FARR_ARL	<input type="checkbox"/>	0	0	0 Enhancement Include Adapter Reuse Layer
ARL_EEW_DUMMY	Type	▼ DUMMY	CHAR	1	0	0 Dummy function in length 1
COPADATA	Type	▼ FARR_S_COPA_FIELDS	<input type="checkbox"/>	0	0	0 Structure for CO-PA relevant fields

The fields of the structures are assigned to CFIN entities in CFIN customizing.
Customer can define own CFIN entities

Permanent Consistency Check with Inconsistency Alerting

Permanent Consistency Check with Inconsistency Alerting

OnePager



Value for Users:

Central Finance Operations Users, IT Support and Business Users

Motivation/Background:

- *Until now, the customer needed to run the configuration consistency checks manually, wait and monitor the result without automatic notifications. The checks always validate every supported Business Configuration (BC) object regardless of whether the object has been changed or not, making the runtime very long so most customers do not execute them frequently after system go-live.*
- *We encourage customers to permanently or at least very frequently run the configuration consistency checks at least for master data and configuration that are changed often at post-project phase and production system environment.*
- *These changes can lead to inconsistent settings with the CFIN system if changes in the source system are not reflected in CFIN accordingly. The checks should find this out early, ideally before any posting errors occur due to the inconsistency.*

Solution/Feature

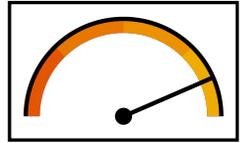
This feature automates the execution of the configuration consistency check in the Central Finance system based on a scheduled time window. This ensures that users are notified of any inconsistencies so they can correct the reported inconsistencies which may cause errors in the subsequent document replication.

Business Benefit

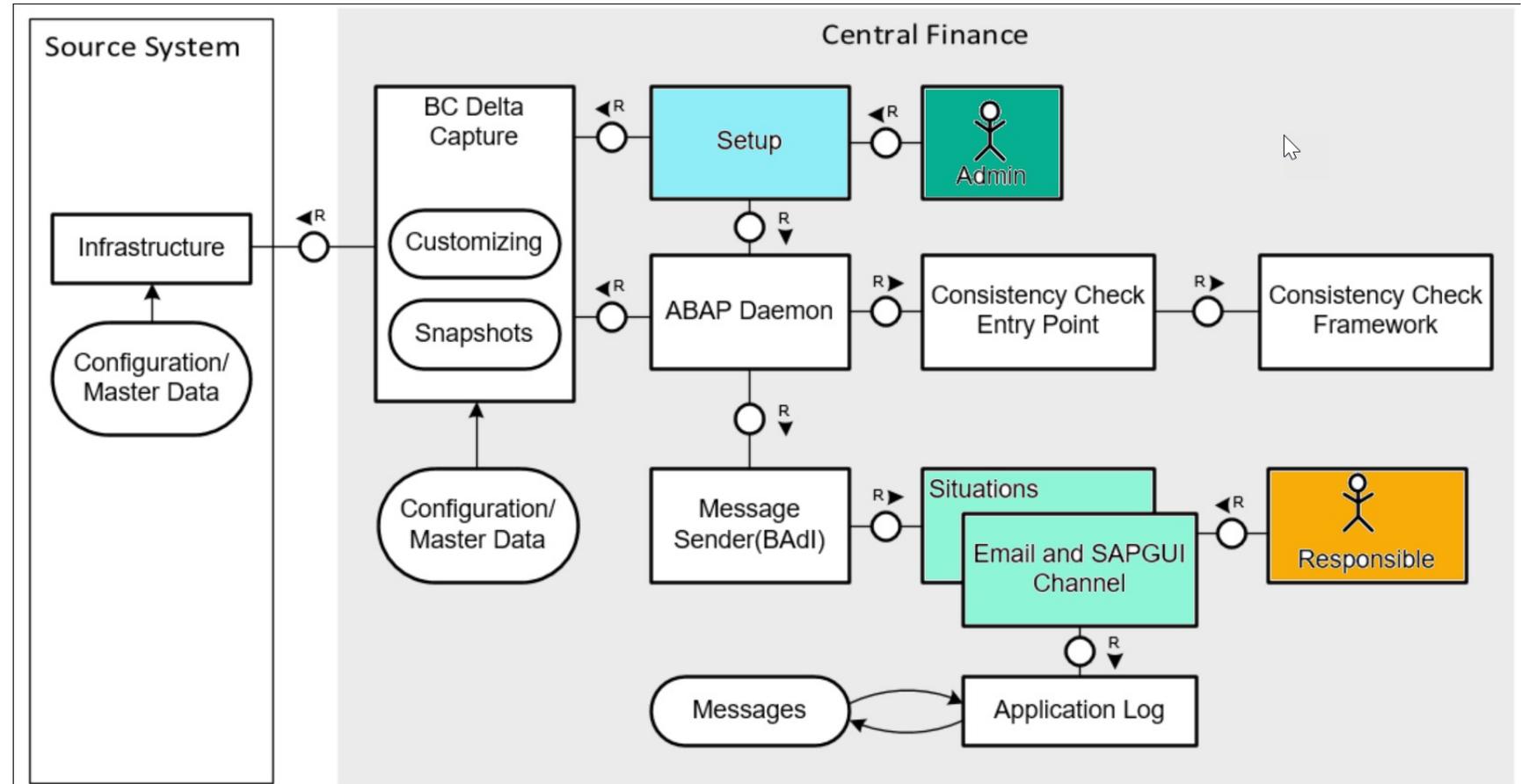
- ✓ *Decrease the number of replication errors resulting from changed configuration or master data by detecting and being notified of inconsistent settings earlier; therefore, reduce efforts for solving these errors and reconciling data between the systems.*
- ✓ *Reduce manual work for running the consistency checks repeatedly with automatic alert for any changes to configuration and master data.*

Permanent Consistency Check with Inconsistency Alerting

Features and Architecture Overview

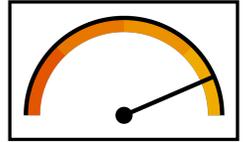


- ❑ Capture delta changes in the source and Central Finance system
- ❑ A scheduler run in the Central Finance system to automate the execution of consistency check
- ❑ Consistency check for BC objects, for instance, G/I Account or company code
- ❑ Notify responsible recipient



Configuration Consistency Check Report vs. Permanent Consistency Check with Inconsistency Alerting

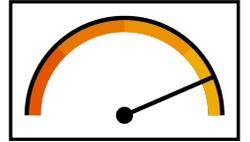
Summary



	Configuration Consistency Check	Permanent Consistency Check
Program Automation Run	No	Yes
Support of Time Interval	No	Yes (flexible choice)
Finance Customizing and Master Data	Full check	Changed Objects
Performance	Slower	Fast
Auto Notification	No	Yes
UI for Check Result	SAP GUI	Fiori App, SAP GUI
Check between Source System and Target System	1:1	N:1
Best Used Situation	During CFIN project implementation, any finance-related project and before initial load and actual document replication	Post-project system daily monitor

Permanent Consistency Check with Inconsistency Alerting

Prerequisites



- ❑ SAP Note [3197183](#) needs to be implemented in your source system.
- ❑ Enable notification channels in the Central Finance system

IMG path: In transaction CFINIMG, go to Central Finance: Target System Settings->BAdIs: Central Finance.

BAdI: Enable Notification Channel for Permanent Consistency Check

Use

This Business-Add-In (BAdI) is used in the Central Finance (FI-CF) component.

You can use this BAdI to enable three types channels to get notified when inconsistencies are detected by the [permanent consistency check](#).

- **Alert Management**
You can enable this channel by activating the implementation FINS_CFIN_BC_MSG_ALERT. With this, you can receive automatic messages such as e-mails when
- **My Situations - Message Based app**
You can enable this channel by activating the implementation FINS_CFIN_BC_SIT_HANDLING. With this, you can check all relevant messages in the app.
- **Customized Channel**
To customize your own notification channel, you need to implement BAdI method SEND. By implementing this BAdI method, you can send the notification, or the m
Import parameter IT_SYSTEM_MESSAGE: This is the only parameter including the source logical system and corresponding messages.

Activities

Alert Management

To use this channel, you need to first define the recipients and message text in transaction ALRTCATDEF.

1. Select alert category FINS_CFIN_CONFIG_CONSIST by clicking Central Finance on top left panel.
2. To define recipients, use the Fixed Recipients or the Recipients by User Roles button on the top menu.
3. Go to the Long and Short Text tab of the bottom panel, then define the short text or long text you want to use for the automatic messages. Below is an e-mail ex

Message Title: Configuration Inconsistency Alert from Central Finance System &SYST-SYSID&_&SYST-MANDT&

Message Body:

Dear Recipients,

Inconsistencies are detected for the configuration or mapping settings in your Central Finance system &SYST-SYSID&_&SYST-MANDT&. To check the details, go
"Display Logs" in the Central Finance system.

System Date/Time: &SYST-DATUM& &SYST-UZEIT&

After receiving an automatic message, you can check the detailed messages by running transaction FINS_CFIN_CC with Display Logs option.

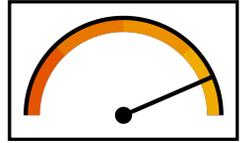
My Situations - Message Based

To use this app to check the detailed messages for inconsistencies detected by the permanent consistency check, you need to have authorization for SAP role SAP_BR_ Situation Types - Message Based app. For details, see [Situation Template: Consistency Check Alert](#).

Customized Channel

For information about implementing BAdIs as part of the Enhancement Concept, see SAP Library for SAP NetWeaver under BAdIs - Embedding in the Enhancement Fra

Permanent Consistency Check with Inconsistency Alerting Setup



- Enable Permanent Consistency Check

IMG path: In transaction CFINIMG, go to Central Finance: Target System Settings->Configuration Consistency Check.
Or Run Transaction Code: CFIN_CC_RUNNER

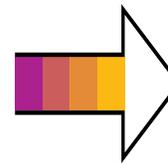
Implementation Activities Edit Goto Additional Information Utilities Environment System Help

SAP Display IMG

Existing BC Sets Apply Filter Change Log Compare Where Else Used More

Structure

- Central Finance
 - Central Finance: Source System Settings
 - Central Finance: Target System Settings
 - Introduction to Target System Settings
 - Basic Settings
 - Set Up Systems
 - Settings for Accounting Document Replication
 - Temporary Postings
 - Mapping
 - Document Splitting
 - Clearing Transfer
 - Configuration Consistency Check
 - Execute Configuration Consistency Check Report
 - Enable Permanent Consistency Check**
 - Customer-Defined Validations
 - Overview: Customer-Defined Validations
 - Manage Business Configuration Objects



Program Edit Goto System Help

Central Finance: Permanent Consistency Check

Save as Variant... More

Option for Consistency Check

Source Logical System: Q8RCLNT002

Include Central Finance System:

BC Objects and Groups: [{"VALUE": [{"LOGSYS": "Q8RCLNT002", "BC_OBJ": ""}]}]

Technical Setting

Schedule Interval: 1 M Minutes

ABAP Daemon User: CFIN_BJ03_CC

Max Retries: 30

ABAP Daemon RFC Server Group: parallel_generators

Functions

Preparation

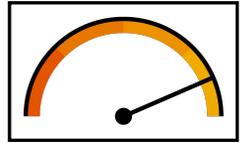
- Provisioning
- Delete Provisioning Data
- Reset Settings

Scheduling

- Start
- Stop
- Manage ABAP Daemon

Permanent Consistency Check with Inconsistency Alerting

Example – A New G/L Account Created in Source System Only (1)



❖ Set up and schedule the program T-code: **CFIN_CC_RUNNER**

❑ Source Logical System

❑ Groups and BC Objects Selection

❑ Schedule Interval in

✓ Days

✓ Hours

✓ Minutes

❑ ABAP Daemon User: triggers the program

Option for Consistency Check

Source Logical System: Q8RCLNT002

Include Central Finance System:

BC Objects and Groups: {"VALUE": [{"LOGSYS": "Q8RCLNT002", "BC_OBJ...}

Technical Setting

Schedule Interval: []

ABAP Daemon User: CFIN_BJ03_CC

Max Retries: 30

ABAP Daemon RFC Server Group: parallel_generato

Functions

Preparation

Provisioning

Delete Provisioning Data

Reset Settings

Scheduling

Start

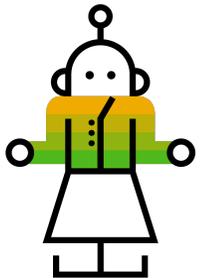
Stop

Manage ABAP Daemon

BC_V_GRP_ID	BC_OBJ	ID
DOC_SPLIT	COMPANY_CODE	0000000001
DOC_SPLIT	COMPANY_CODE	0000000004
DOC_SPLIT	COMPANY_CODE	0000000005
DOC_SPLIT	COMPANY_CODE	0000000011
DOC_SPLIT	COMPANY_CODE	0000000030
DOC_SPLIT	COMPANY_CODE	0000000060
DOC_SPLIT	DOCUMENT_SPLITTING	0000000001
DOC_SPLIT	DOC_TYPE	0000000010
DOC_SPLIT	DOC_TYPE	0000000020
DOC_SPLIT	GL_ACCOUNT	0000000007
DOC_SPLIT	GL_ACCOUNT	0000000008

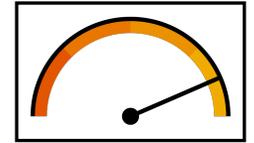


AS Instance	ABAP Daemon ID	ABAP Daemon Registration ID	Daemon Session ID	Name	Daemon Sta	Cli	User	Creation T	Daemon Type	Autosta	Even
ldai2qm7_QM7_20	CL_FINS_CFIN_BC_DELTA_DAEMON	634B5AE71456395FE1000000AEF4D61	T39_U11266_M0	_DELTA	Idle	820	CFIN_BJ03_CC	17.10.202...	Application Dae	Yes	485
ldai1qm7_QM7_20	/IWXBE/CL_DAEMON_CONSUME	63490D3B6C7EAB7BE1000000AEF4D5F	T37_U2949_M0		Idle	005	HUANGXIAO0	14.10.202...	Application Dae	Yes	1
ldai1qm7_QM7_20	/IWXBE/CL_DAEMON_PUBLISH	634954866C7B8B65E1000000AEF4D5F	T112_U2937_M0		Idle	005	HUANGXIAO0	14.10.202...	Application Dae	Yes	1
ldai1qm7_QM7_20	/IWXBE/CL_DAEMON_SUBSCRIBE	63496BDE6C8DAB92E1000000AEF4D5F	T104_U2945_M0		Idle	005	HUANGXIAO0	14.10.202...	Application Dae	Yes	1
ldai1qm7_QM7_20	/IWXBE/CL_DAEMON_CONSUME	6349BFA46C83AB7AE1000000AEF4D5F	T131_U3080_M0	0092	Idle	131	SUBRAMANIBHA	14.10.202...	Application Dae	Yes	1
ldai1qm7_QM7_20	/IWXBE/CL_DAEMON_PUBLISH	6349F3306C7EAB71E1000000AEF4D5F	T133_U3084_M0	0092	Idle	131	SUBRAMANIBHA	14.10.202...	Application Dae	Yes	1
ldai1qm7_QM7_20	/IWXBE/CL_DAEMON_SUBSCRIBE	6349DF536C8B8B89E1000000AEF4D5F	T174_U3273_M0	0092	Idle	131	SUBRAMANIBHA	14.10.202...	Application Dae	Yes	1
ldai1qm7_QM7_20	/IWXBE/CL_DAEMON_CONSUME	634929126C80ABB0E1000000AEF4D5F	T110_U3055_M0		Idle	400	SUNNYROY	14.10.202...	Application Dae	Yes	1
ldai1qm7_QM7_20	/IWXBE/CL_DAEMON_PUBLISH	63494DBC6C8AABAFE1000000AEF4D5F	T105_U3058_M0		Idle	400	SUNNYROY	14.10.202...	Application Dae	Yes	1



Permanent Consistency Check with Inconsistency Alerting

Example – A New G/L Account Created in Source System Only (2)



- ❖ A new G/L account is created in the source system, but no G/L account is created in the central system

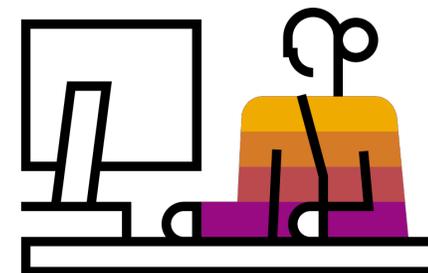
SAP Display G/L Account Centrally

G/L Account: 160001 Accounts payable-Overseas
Company Code: 9900 CFINBJ 03

Control in chart of accounts
Account Group: GL General G/L Accounts
 P&L statement acct
 Balance Sheet Account

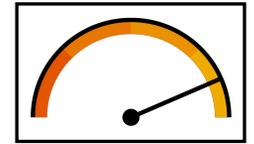
Description in maintenance language (DE)
Short Text: Kred.-Verb. Inland
G/L Acct Long Text: Kreditoren-Verbindlichkeiten Inland

Consolidation data in chart of accounts
Trading partner:

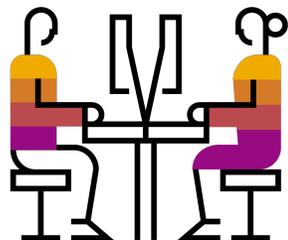
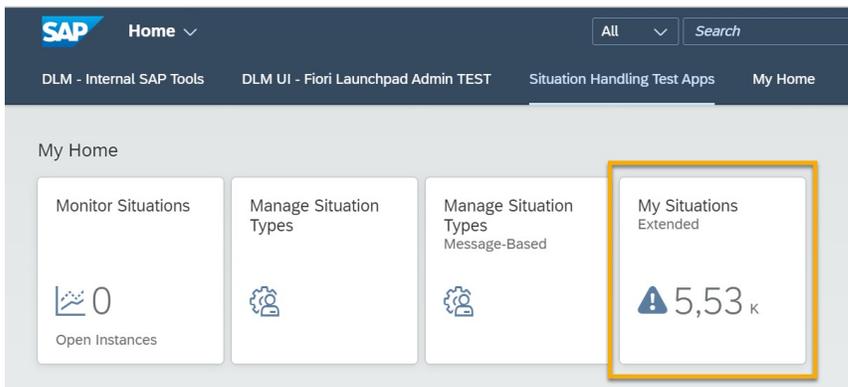


Permanent Consistency Check with Inconsistency Alerting

Example – A New G/L Account Created in Source System Only (3)



❖ Channel One: Notification is sent to the responsible person or team via Fiori App "My Situations"



Central Finance Consistency Check Alert

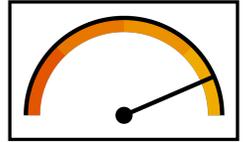
Situations (5.535)

Situation	Status	Processor	Entry for Check
<p>the inconsistencies correspondingly.</p> <p>Message:</p> <p>Text: Entry in table SKB1 for key FDFV/0000416600 does not exist</p> <p>Source Company Code:</p> <p>Source CoCode: FDFV</p>			
<p>Configuration inconsistency detected Open</p> <p>2 weeks ago</p> <p>Inconsistency is detected for configuration or mapping settings in source system ZDEVTEST . Check and correct the inconsistencies correspondingly.</p> <p>Message:</p> <p>Text: Entry in table SKB1 for key C099/0000160001 does not exist</p> <p>Source Company Code:</p> <p>Source CoCode: 9900</p>			<p>Logical System: ZDEVTEST</p> <p>Config.Object: GL_ACCOUNT</p> <p>Source ID: 9900/0000160001</p> <p>Central ID: -</p>
<p>Configuration inconsistency detected Open</p> <p>3 weeks ago</p> <p>Inconsistency is detected for configuration or mapping settings in source system ZDEVTEST . Check and correct the inconsistencies correspondingly.</p>			<p>Logical System: ZDEVTEST</p> <p>Config.Object: GL_ACCOUNT</p> <p>Source ID: CPRL/0000439200</p> <p>Central ID: CPRL/0000439200</p>

Detailed Information (with arrow pointing to a right arrow icon in the table)

Permanent Consistency Check with Inconsistency Alerting

Example – A New G/L Account Created in Source System Only (4)



- ❖ Channel One: Notification is sent to the responsible person or team via Fiori App "My Situations"

Detailed Information

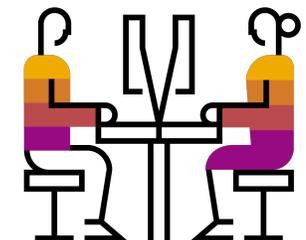
- ✓ Logical system
- ✓ Configuration Object
- ✓ Source ID
- ✓ Message
- ✓ Source Company Code

The screenshot displays the SAP Fiori 'My Situations' app interface. At the top, there is a navigation bar with the SAP logo, 'Situation Page', and search filters. Below the navigation bar, a warning icon indicates a 'Configuration inconsistency detected' situation from 2 weeks ago. The status is 'Open'. The description states: 'Inconsistency is detected for configuration or mapping settings in source system ZDEVTEST. Check and correct the inconsistencies correspondingly.' Below the description, there are tabs for 'Entry for Check', 'Message', and 'Source Company Code'. The 'Entry for Check' tab is active, showing a table with columns for Logical System, Config.Object, Source ID, and Central ID. The 'Message' tab is also active, showing a text message: 'Entry in table SKB1 for key C099/0000160001 does not exist'. The 'Source Company Code' tab is active, showing the Source CoCode: 9900.

Logical System:	Config.Object:	Source ID:	Central ID:
ZDEVTEST	GL_ACCOUNT	9900/0000160001	

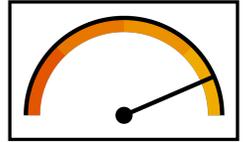
Text:	Class:	Number:
Entry in table SKB1 for key C099/0000160001 does not exist	FINS_CFIN_BC_V	010

Source CoCode:
9900

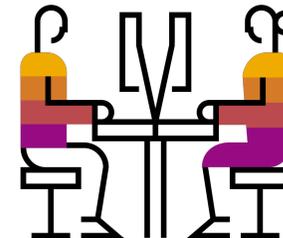
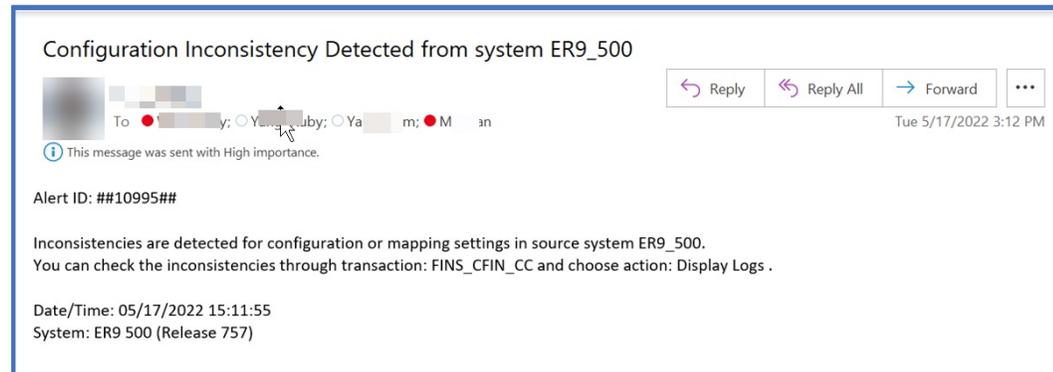


Permanent Consistency Check with Inconsistency Alerting

Example – A New G/L Account Created in Source System Only (5)

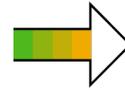
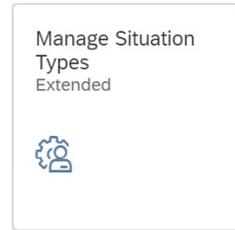
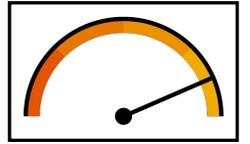


- ❖ Channel Two: Email alert is sent to the responsible person or team.



Appx: Permanent Consistency Check with Inconsistency Alerting

Maintain Situation Type



SAP Manage Situation Types - Extended

Standard

Editing Status: All Category: Situation Template: Situation Scenario: Changed By: Status:

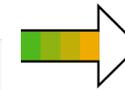
Search

Go Adapt Filters

Items (32)

Name / ID	Status	Category	Situation Template	Situation Scenario	Changed On
PCC Testing	Enabled	Situation Type	Consistency Check Alert (FIN_CFIN_CONSISTENCY_CHECK)	FIN_CFIN_CC_MSG_MONITOR	29.08.2022, 18:33:13
Z_PCCTEST01	Draft				

Buttons: Create Situation Type, Create Situation Template



Create New Situation Type

ID * Z_PCCTEST02

Name: * PCC T02 Situation Type

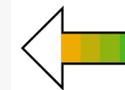
Description: * Permanent Consistent Check T02

Situation Scenario: * FIN_CFIN_CC_MSG_MONITOR

Scenario Type: Message-Based

Situation Template: * FIN_CFIN_CONSISTENCY_CHECK

Buttons: Create, Close



❖ Situation Type Maintenance:

- ❑ Fiori App: Manage Situation Types Extended
- ❑ Create: Create Situation Type
- ❑ * Mandatory input
- ❑ Create
- ❑ Status: Enabled

SAP Manage Situation Types - Extended

PCC T02 Situation Type

Header Information Situation Instances General Actions Message-Based Triggers Recipients

ID: Z_PCCTEST02 Category: Situation Type Scenario ID: FIN_CFIN_CC_MSG_MONITOR Anchor Object: FIN_CFIN_CC Situation Template: Consistency Check Alert (FIN_CFIN_CONSISTENCY_CHECK)

Name: * PCC T02 Situation Type Status: Enabled

Description: * Permanent Consistent Check T02

Message-Based Triggers

Items (2)

Trigger Name	Trigger Description	Trigger Behavior	Events	Enabled
Central Finance Consistency Check	Central Finance Consistency Check	Add/Update	Company Code	<input checked="" type="checkbox"/>
Central Finance Consistency Check	Central Finance Consistency Check	Add/Update	GIL Account	<input checked="" type="checkbox"/>

Recipients

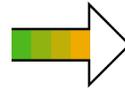
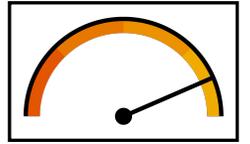
Responsibility by Teams

Team Category	Number of Teams	Filter by Responsibility Definition	Filter by Member Function
CFIN	2 Enabled	2 Items	CC Report for company code a... X
Central Finance			

Buttons: Create, Discard Draft

Appx: Permanent Consistency Check with Inconsistency Alerting

Maintain Team and Responsibilities



SAP Manage Teams and Responsibilities

Standard

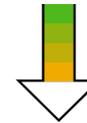
Editing Status: All Name: Description: Global ID: Status: Category:

Type: Responsibility Definitions: Team Members: Team Owners: Functions: Go Adapt Filters

Name	Description	Global ID	Status	Type	Category	Created By	Created On	Changed By	Changed On
SIT_DEV	SIT_DEV	SIT_DEV	Enabled	FIT Devan (FIT_DEV)	Central Finance (CFIN)	Devan Wang	22.05.2022, 12:34:14	Devan Wang	22.05.2022, 15:15:05
ZTEST_0511_CC	ztest_0511_cc	ZTEST_0511_CC	Enabled	CFINALL (CFINALL)	Central Finance (CFIN)	TOM YANG	11.05.2022, 18:12:03	Lian Ma	29.08.2022, 18:26:40
CFIN TEAM	CFIN TEAM	CFIN TEAM	Enabled	CFIN (CFIN)	Dummy Team Category for testing purpose only (DUMMY)	Tim Werthmann	12.08.2020, 19:34:51	Tim Werthmann	12.08.2020, 19:35:00

❖ Manage Teams and Responsibilities:

- ❑ Fiori App: Manage Teams and Responsibilities
- ❑ Team Members
- ❑ Functions



SAP Team ZTEST_0511_CC

Team Information Responsibility Definitions Team Owners Team Members Direct Sub Teams Direct Super Teams Change Documents

Team Owners

Team Owners (1)

Business Partner	Full Name	User ID
1131	Andrea Yang	YANGAND

Team Members

Team Members (4)

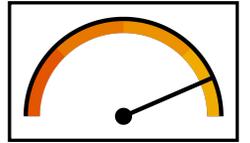
Business Partner	Full Name	User ID	Functions	Team Member Authorization Status
1131	Andrea Yang	YANGAND	CC Report for company code ar x	Check Not Performed
1132	TOM YANG	YANGTOM	CC Report for company code ar x	Check Not Performed
1141	Roy Wang	HONGPENG	CC Report for company code ar x	Check Not Performed
1142	Lian Ma	MALIAN1	CC Report for company code ar x	Check Not Performed

Direct Sub Teams

Save Discard Draft

Appx: Permanent Consistency Check with Inconsistency Alerting

Maintain Recipient for Email Alert



❖ Email Alert:

❑ T-code: ALRTCATDEF

❑ Recipients:

- 1) Fixed Receipts
- 2) Recipients by User Roles

❑ Long Text (Email)

The screenshot shows the SAP Alert Categories Display interface. The left sidebar lists various alert categories, with 'Central Finance' selected. The main area displays the details for the 'Alert for Central Finance - Consistency Check' (Alert Category: FINS_CFIN_CON). Below this, the 'Message title' is shown as 'Configuration Inconsistency Alert from Central Finance System &SYST-SYSID&_&SYST-MANDT&'. At the bottom, there are radio buttons for 'Short Text (SMS, Pager)' and 'Long Text (E-Mail, Fax)', with 'Long Text (E-Mail, Fax)' selected. A green arrow points from this section to the 'Fixed Alert Recipients' configuration below.

This screenshot shows the configuration for 'Fixed Alert Recipients' (labeled with a '1'). The 'Alert Category' is set to 'FINS_CFIN_CONFIG_CONSIST'. Below, there is a table for 'Recipients' with the following entries:

Recipients
<input type="checkbox"/> HONGPENG
<input type="checkbox"/> I321210
<input type="checkbox"/> MALIAN1
<input type="checkbox"/> YANGTOM

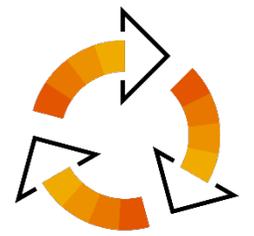
This screenshot shows the configuration for 'Alert Recipients Via User Roles' (labeled with a '2'). The 'Alert Category' is set to 'FINS_CFIN_CONFIG_CONSIST'. Below, there is a table for 'Role' with the following entries:

Role

Central Payment Activation **for Intercompany AP/AR**

Central Payment Activation for Intercompany AP/AR

OnePager



Value for Users:

Account Payable Accountants, Account Receivable Accountants, General Ledger Accountant - Intercompany

Motivation/Background

Up to now, Central Payment could be activated for all receivables and payables of a company code.

Some customers want to manage intercompany receivables and payables as a headquarter function while external receivables and payables shall still be handled in the source systems.

To manage intercompany transactions and external transactions with different strategies, and also to take advantage of cross-system process control to ensure the integrity of processes across systems, a new option to switch on Central Payment has been introduced.

Solution / Feature

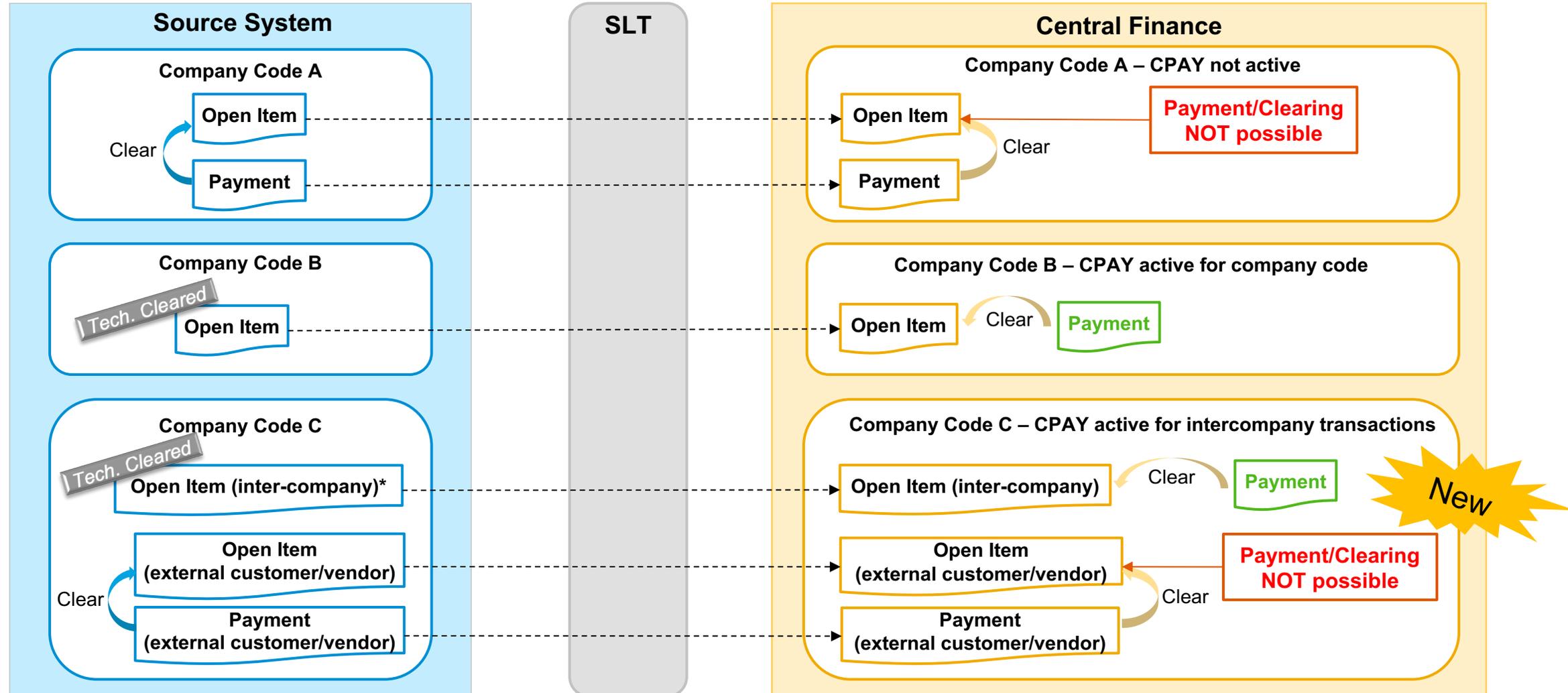
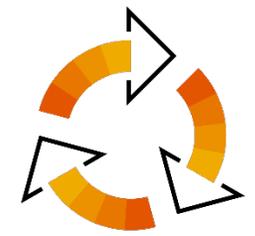
Provide a new option to activate Central Payment, which activates Central Payment for intercompany receivables and payables of a company code.

Business Benefit

- ✓ *Increase the flexibility in transitioning to centralized payments.*
- ✓ *Reduce costs and improve efficiency by centralizing and streamlining payments of intercompany receivables and payables as a headquarter function.*

Central Payment activation Flexible options

High-level Solution

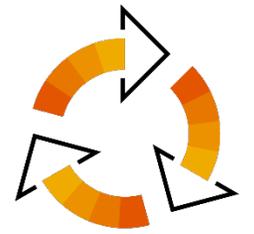


* Trading partner(VBUND) is assigned in AP/AR line item

** External AP/AR open items

Central Payment Activation for Intercompany AP/AR

Configuration



✓ Activate Central Payment

Transaction CFINIMG: Central Finance: Target System Settings
 -> Central Payment -> Activate Central Payment for Company Codes

CPAY: Central Payment Activation

	Logical System	Src CoCode	Cen CoCo...	Company Name	Scope
<input type="checkbox"/>	Q7QCLNT002	CIRC	CIRC	Tools Inc. Europe	2 CPay Active for Intercompany
<input type="checkbox"/>	Q7QCLNT002	F921	F921	0	Central Payment Active with Tax Consistency Check
<input type="checkbox"/>	Q7QCLNT002	F999	FX02	1	Tax Consistency Check Active
<input type="checkbox"/>	Q7QCLNT002	JUR1	JUR1	2	CPay Active for Intercompany APAR with Tax Consistency Check
<input type="checkbox"/>	Q7QCLNT002	WX06	WX20		

✓ Check and reconcile inconsistencies

Click the reconcile button to run the reconciliation report to check the activation status and reconcile any inconsistencies.

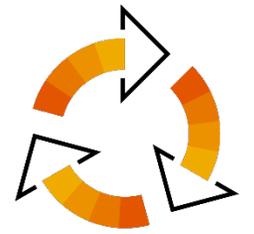
Refresh Sync More

Exception	Logical System	Src CoCode	Cen CoCode	Reconciliation Status
○○■	Q8RCLNT002	CIRC	CIRC	Central Payment is activated in both CFin and source system.
○○■	Q7QCLNT002	CFP1	CFP1	Central Payment is activated in both CFin and source system.
○○■	0LOALS1	CFP1	CP10	Central Payment is activated in both CFin and source system.
●○○	Q7QCLNT002	CIRC	CIRC	Central Payment is activated in CFin but not in source system

Note: You can go from no Central Payment activation to intercompany Central Payment or to company code Central Payment directly, or from intercompany Central Payment to company code Central Payment. Once you have activated Central Payment, it is not possible to deactivate it.

Central Payment Activation for Intercompany AP/AR

Example



Company Code CIRC: CPAY active for Intercompany APAR with Tax Consistency Check

✓ Intercompany transaction

Data Entry View

Document Number: 5100000002 Company Code: CIRC Fiscal Year: 2022
 Document Date: 28.04.2022 Posting Date: 28.04.2022 Period: 4
 Reference: Cross-Comp.No.:
 Currency: EUR Texts exist: Ledger Group:

Item PK	Acc...	Account	Description	G/L Account	D/C	Amount	Curr.	Tr.Prt	Clrng doc.	Cost Center
1 31	K	V_CIRC1	Vendor with TP	160000	H	100,00-	EUR	CIR2	ALE-extern	
2 40	S	449600	Employer expenses	449600	S	98,00	EUR	CIR2		CC_CIRC1
3 40	S	193000	Clrg vendor disc.	193000	S	2,00	EUR	CIR2	ALE-extern	
						0,00	EUR			

Replication

Document Number: 5100000001 Company Code: CIRC Fiscal Year: 2022
 Document Date: 28.04.2022 Posting Date: 28.04.2022 Period: 4
 Reference: Cross-Comp.No.:
 Currency: EUR Texts Exist: Ledger Group:

Cleared Centrally

Co..	Item	Key	SC Account	Description	Amount	Curr.	Tx	A.T...	TTY	Bus. Area	Order	Clrng doc.
CIRC	1 31		100305	Vendor with TP	100,00-	EUR						1500000003
	2 40		449600	Employer expenses	98,00	EUR				0001		
	3 40		193000	Clrg vendor disc.	2,00	EUR						1500000003

✓ External transaction

Data Entry View

Document Number: 1800000002 Company Code: CIRC Fiscal Year: 2022
 Document Date: 28.04.2022 Posting Date: 28.04.2022 Period: 4
 Reference: Cross-Comp.No.:
 Currency: EUR Texts exist: Ledger Group:

Item PK	Acc...	Account	Description	G/L Account	D/C	Amount	Curr.	Tr.Prt	Clrng doc.	Cost Center
1 31	K	V_CIRC2	Vendor without TP	160000	H	100,00-	EUR		1600000005	
2 40	S	449600	Employer expenses	449600	S	100,00	EUR			CC_CIRC1
						0,00	EUR			

Replication

Document Number: 1700000002 Company Code: CIRC Fiscal Year: 2022
 Document Date: 28.04.2022 Posting Date: 28.04.2022 Period: 4
 Reference: Cross-Comp.No.:
 Currency: EUR Texts Exist: Ledger Group:

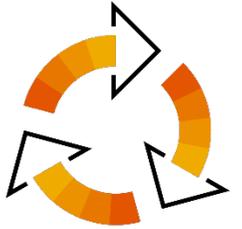
Cleared from source system

Co..	Item	Key	SC Account	Description	Amount	Curr.	Tx	A.T...	TTY	Bus. Area	Order	Clrng doc.
CIRC	1 31		100306	Vendor without TP	100,00-	EUR						1500000004
	2 40		449600	Employer expenses	100,00	EUR				0001		

Trading Partner Consistency Check **for AP/AR Line Items**

Trading Partner Consistency Check for AP/AR Line Items

OnePager



Value for Users:

Account Payable Accountants, Account Receivable Accountants, General Ledger Accountant - Intercompany

Motivation/Background

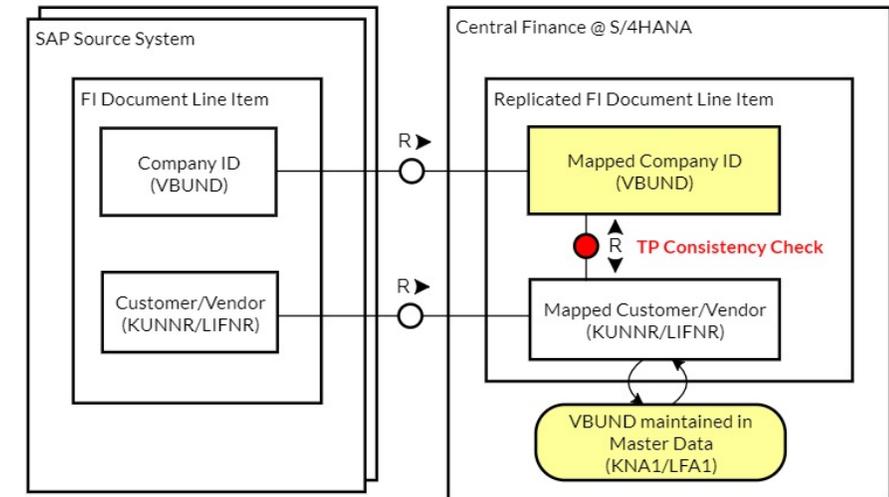
Trading partner can be assigned to customer/vendor master data and is then populated to the corresponding AP/AR line items. However, the trading partner in an AP/AR line item is mapped during replication but is not derived again from customer/master data in the Central Finance system. This can lead to a different trading partner assigned to the line item compared to the trading partner used in the customer/vendor master data in the Central Finance system.

Solution/Feature

- ✓ *Introduce the trading partner consistency check for AP/AR line item during FI document replication*
- ✓ *The check shall be controlled by a new configuration.*

Business Benefit

- ✓ *This automatic consistency check can avoid issues caused by inconsistency of trading partner and reduce the SAP maintenance effort.*
- ✓ *Reduce the manual efforts of correcting the affected business processes by checking consistency of trading partner assigned in the business partner between source system and the Central Finance system.*



Trading partner consistency check for AP/AR line item

Configuration & Example

1 Activate Trading Partner Consistency Check

Transaction CFINIMG: Central Finance: Target System Settings -> Settings for Accounting Document Replication-> Activate Trading Partner Consistency Check for Source Company Codes

Trading Partner Consistency Check		
	SendLogSys	Src CoCode
<input type="checkbox"/>	0LOALS1	CFP1
<input type="checkbox"/>	Q7QCLNT002	CFR2

Note: Trading partner consistency check is mandatory if you want to activate CPAY for intercompany APAR.

2 Master Data and Mapping

Vendor: **V_TPCC1** (Source system)

Account control

Customer: []

Trading partner: **TP001**

Business Partner: 1103 (Vendor with)

Display in BP Role: * FLVN00 Vendor

Central Finance system

Address Overview Identification

Trading Partner No.: TP003 TP consistency check

Business Object Type: * Company

Business System: * QKV_820

Object ID Type/Object ID: * Company ID / TP002

Show

Mapped Objects

Add Row Change Row Delete Row Undo Changes

<input type="checkbox"/>	* No.	* System ID	* Business Object Type	Object ID Type	* Object ID
<input type="checkbox"/>	1	QKV_820	Company	Company ID	TP002
<input type="checkbox"/>	2	Q7Q_002	Company	Company ID	TP001

4 Invoice Replication

Log Messages

Data Messages

Type	Index	Message Text
●	1	Trading partner TP002 in AP/AR line item is inconsistent with master data

1: 17.10.2022 08:33:05

3 Invoice Posting from Source System

Data Entry View

Document Number: 1800000013 Company Code: CIRC Fiscal Year: 2022

Document Date: 23.05.2022 Posting Date: 23.05.2022 Period: 5

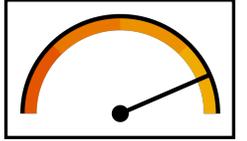
Reference: [] Cross-Comp.No.: []

Currency: EUR Texts exist: Ledger Group: []

Item	PK	Acc..	Account	Description	G/L Account	D/C	Amount	Curr.	Tr.Prt	Clmg doc.	Cost Center
1	31	K	V_TPCC1	Vendor with TP	160000	H	100,00	EUR	TP001	ALE-extern	
2	40	S	113100	Bank 1 (domestic)	113100	S	100,00	EUR	TP001		
							0,00	EUR			

Configuration Consistency Check **for Document Type**

Configuration Consistency Check for Document Type OnePager



Value for Users:

All users

Motivation/Background

Deviating settings for the flag „Net document type“ in document type configuration could lead to inconsistent data in follow-on processes such as reset clearing. The root cause analysis for the error was time-consuming.

Solution/Feature

This enhancement checks, as part of the online replication, that the settings for the “Net document type” are consistent between the source and the target system.

Furthermore, this document type check has been added to the configuration consistency check report.

Business Benefit

- ✓ Reduced effort for error resolution by preventing inconsistent settings for document types through an additional configuration consistency check.

Configuration Consistency Check for Document Type Details

New option in configuration consistency check

The screenshot shows the SAP Central Finance Configuration Consistency Check Report interface. In the 'FI Configuration' section, the 'Document Type' checkbox is checked and highlighted with a dashed box. An arrow points from this checkbox to a list of error messages in the 'Message Text' column of the report results.

Type	Message Text
●	Entry in table T003 for key RK does not exist
●	Entry in table T003 for key RX does not exist
●	Entry in table T003 for key RZ does not exist
●	Entry in table T003 for key ST does not exist
●	Entry in table T003 for key SX does not exist
●	Indicator "Net document type" does not match for doc. type UN/KR
●	Entry in table T003 for key W1 does not exist

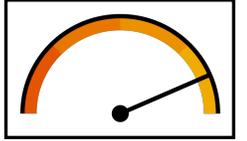
New error message in online replication, when settings for “Net document type” are not consistent

Type	Functions	Hints	Texts	Index	Message Text	Long D
●				1	Indicator "Net document type" does not match for doc. type UN/KR	0

**Store Less Data during Recording for
Intermediate Data Retention**

Capture Less Data during Recording for Intermediate Data Retention

OnePager



Value for Users:

System Administrator

Motivation/Background

Intermediate Data Retention (=IDR) is the new approach for the initial load which provides better data quality in the document load of the IDR by using the same approach as for the online replication.

Up to now, all accounting raw data for a company code with active IDR recording was stored, regardless of whether it was relevant for the document period or not. This led to a large volume of irrelevant data.

Solution/Feature

- Record only data that is relevant for the document load period

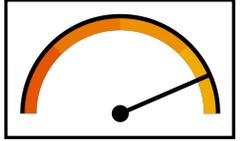
Business Benefit

- ✓ Improved TCI by reducing the data volume of IDR recorded data to only that data which is relevant.

Intermediate Data Retention **for Cloud Source Systems**

Intermediate Data Retention for Cloud Source Systems

OnePager



Value for Users:

System Administrator

Motivation/Background

Intermediate Data Retention (=IDR) is the new approach for the initial load which provides better data quality in the document load of the IDR by using the same approach as for the online replication.

This approach was previously unavailable for cloud source systems.

Solution/Feature

- Enable activation of IDR recording for cloud systems
- Enhance the IMG activity “Delete Initial Load Data in Source Systems via RFC” (report RFINS_CFIN_DEL_MIG_SRC) with additional options to repeat the IDR initial load

Selection for Source System

Source System: QM7CLNT002

Company Code: IDRA

Keep IDR recording:

Full Reset:

Delete IDR Recording:

Business Benefit

- ✓ Better data quality in the document load of the initial load also for cloud source systems

Upload Assignments of AIF Error Message Numbers to Error Categories

Upload Assignments of AIF Error Message Numbers to Error Categories

OnePager



Value for Users:

Central Finance Operations users, IT Support and Business users

Motivation/Background

In AIF, users can use recipient setting to define which user is responsible for which data message. AIF has introduced several customizing tables to let users define message categories and message assignments. With the functionality users can define the responsible person with message categories for FI interfaces. If the list with message categories is quite long, it is very cumbersome to maintain the assignments.

Solution/Feature:

With this enhancement, you can now upload the assignments of AIF messages to message categories from a file. Specifically, you can update the AIF message category assignments in batches to save time.

Business Benefit

- ✓ *Save efforts and costs on manual message content maintenance;*
- ✓ *Improve efficiency on dispatching correct message content to the right responsible person;*
- ✓ *Increase effectiveness in solving issues.*

	MANDT	/AIF/NSMSGCAT	/AIF/MSGCATEGORY	MSG_CLASS	MSG_NUMBER
<input type="checkbox"/>	500	ZFINCF	MSG_CAT1	FF	775
<input type="checkbox"/>	500	ZFINCF	MSG_CAT1	FI	383
<input type="checkbox"/>	500	ZFINCF	MSG_CAT1	FINS_ACDOC_CUST	209
<input type="checkbox"/>	500	ZFINCF	MSG_CAT1	FINS_CFIN_BC_V	041
<input type="checkbox"/>	500	ZFINCF	MSG_CAT2	F5	080
<input type="checkbox"/>	500	ZFINCF	MSG_CAT2	F5	243
<input type="checkbox"/>	500	ZFINCF	MSG_CAT2	F5	246
<input type="checkbox"/>	500	ZFINCF	MSG_CAT2	FI	405

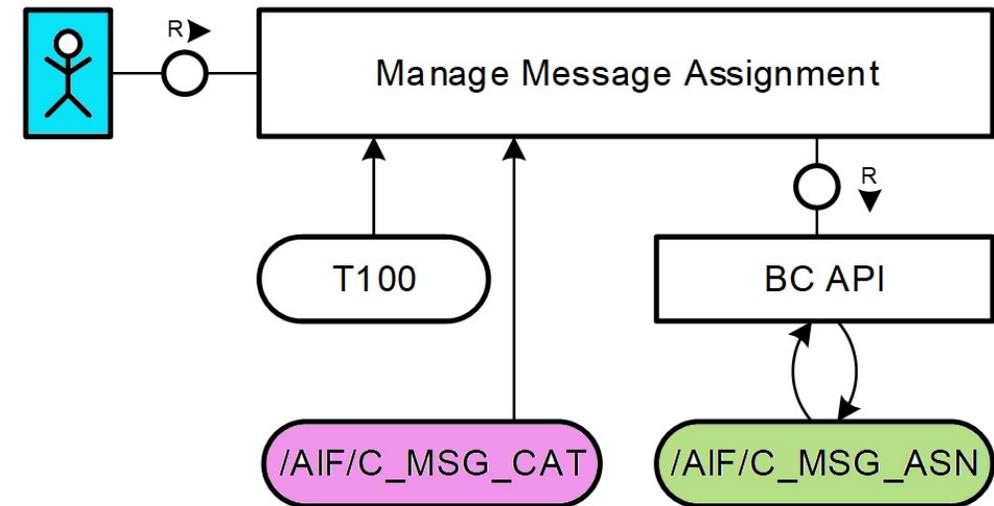
Upload Assignments of AIF Error Message Numbers to Error Categories

Features



❖ With this program, users can:

- ❑ Manage the content in table /AIF/C_MSG_ASN
- ❑ Mass upload message assignments
- ❑ Mass download message assignments
- ❑ Mass delete message assignments
- ❑ Provide a message assignment template
- ❑ Validate message assignments
- ❑ Transport message assignments
- ❑ Use standard format CSV for the message assignment file



Upload Assignments of AIF Error Message Numbers to Error Categories

Example



❖ Transaction Code: /n/AIF/MANAGE_MSGC_ASN ❖ Generate Template

Save as Variant... More

User Action

Display:

Generate Template:

Upload:

Download:

Delete:

Selection

Namespace:

Save as Variant... More

User Action

Display:

Generate Template:

Upload:

Download:

Delete:

Selection

Namespace:

File Selection

File Name:

CSV Separator:

Template

	A	B	C	D	E
1	Namespace	Message Category	Message Class	Message Number	Logical System
2	ZFINCF	DUPL			
3	ZFINCF	MSG_CAT1			
4	ZFINCF	MSG_CAT2			
5					
6					
7					

Example

	A	B	C	D	E
1	Namespace	Message Category	Message Class	Message Number	Logical System
2	ZFINCF	MSG_CAT1	FI	383	
3	ZFINCF	MSG_CAT2	FI	405	
4					
5					
6					

Download 72 Bytes (Codepage 1160) C:\Users\...\Desktop\Template.CSV

❖ Upload

Save as Variant... More

User Action

Display:

Generate Template:

Upload:

Download:

Delete:

File Selection

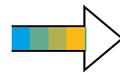
File Name:

CSV Separator:

Test

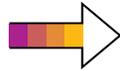
Test Mode:

Test Run



Message Text	Names	Message Category	Message Class	Nu.
Uploaded	ZFINCF	MSG_CAT1	FI	383
Uploaded	ZFINCF	MSG_CAT2	FI	405
This is a test run only				
2 message category assignments have been uploaded				

Execution

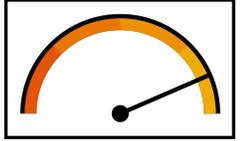


Message Text	Names	Message Category	Message Class	Nu.
Uploaded	ZFINCF	MSG_CAT1	FI	383
Uploaded	ZFINCF	MSG_CAT2	FI	405
2 message category assignments have been uploaded				

MANDT	/AIF/NSMSGCAT	/AIF/MSGCATEGORY	MSG_CLASS	MSG_NUMBER
500	ZFINCF	MSG_CAT1	FF	775
500	ZFINCF	MSG_CAT1	FI	383
500	ZFINCF	MSG_CAT1	FINS_ACDOC_CUST	209
500	ZFINCF	MSG_CAT1	FINS_CFIN_BC_V	041
500	ZFINCF	MSG_CAT2	F5	080
500	ZFINCF	MSG_CAT2	F5	243
500	ZFINCF	MSG_CAT2	F5	246
500	ZFINCF	MSG_CAT2	FI	405

Enhancements for Temporary Posting and Pending Journal Entries Apps

Temporary Posting and Pending Journal Entries Apps - Enhancements



OnePager

Value for Users:

G/L Accountant

Motivation/Background

With app “F5482 - Manage Pending Entries” there is an alternative approach to analyzing erroneous AIF messages. With the “F6062 – Manage Temporary Postings” the user has an integrated process for creating and reversing temporary postings for pending journal entries. Previously, there was no integration to AIF apps

Solution/Feature

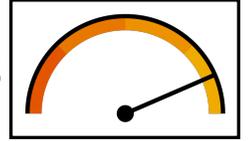
- Provide navigation to AIF message dashboard using the AIF transaction ID, for example, to allow restart of AIF messages
- Integrated status handling for temporary postings to handle exceptional cases, where temporary postings have not been created/reversed

Business Benefit

- ✓ Better usability and efficiency by providing integration with standard AIF apps

Temporary Posting and Pending Journal Entries Apps - Enhancements

Details



SAP Manage Temporary Postings

Standard_last_month*

Editing Status: All | Sender Logical System: | Company Code: CPRL (Tools Inc... x | Posting Date: July | Journal Entry Type: | Sender Journal Entry: |

Has Temporary Posting: | Current Status: |

Go Adapt Filters (2)

Pending Journal Entries (3) Standard*

Company Code	Posting Date	Journal Entry Type	Sender Jour...	Temporary Posting D...	Amount in Company ...	Current Status	Transaction ID
CPRL (Tools Inc. Europe)	10.07.2022	KR (Vendor Invoice)	1900000015		13.200,00 EUR	Posting in Process	42010aef-4e2a-1eed-80eb-da9f0521e6ad
CPRL (Tools Inc. Europe)	15.07.2022	SA (G/L Account Document)	100000026		150,00 EUR	New	42010aef-4e2a-1edd-8189-68f11f1e2f0f
CPRL (Tools Inc. Europe)	15.07.2022	KR (Vendor Invoice)	1900000016	3300000016	150,00 EUR	Document Posted	42010aef-4e2a-1edd-8189-60d6a889ee42

42010aef-4e2a-1eed-80eb-da9f0521...

Transaction ID

- Message Dashboard - SAP Application Interface Fram...
- Message Monitoring
- Message Monitoring Overview
- Message Monitoring for Administrators
- Message Monitoring for Integration Experts

Comparison Report Adjustments

Comparison Report - Adjustments

Highlights



Value for Users:

General Ledger Accountant

Motivation/Background

Adjust Comparison Reports to support latest features of Central Finance: Temporary Postings and Account to Ledger Mapping for Parallel Accounting

Solution / Feature

- *Check box to take temporary postings into account in Comparison Reports*
- *Display postings of Parallel Accounting scenario in Comparison Reports*

Business Benefit

- ✓ *Simplified analysis of Temporary Postings and their impact on G/L balances and FI line items by including Temporary Postings in the Comparison Report*
- ✓ *Increased efficiency and less time-consuming comparison of G/L balances and FI line items of the source systems and the Central Finance systems if G/L accounts have been mapped to ledgers for parallel accounting*

Comparison Report - Adjustments For Temporary Postings

Comparison of FI Account Balances

Consider Temporary Postings:

Central Finance: Comparison of FI Balances

Ld	Account	Year	Period	Src.: Tr.	Debit	Credit	Balance	Ld	Accou...	Trgt: Tr.	Debit	Credit	Balance	Difference	Description
0L	154000	2022	6	EUR	190,00	0,00	190,00	154000	EUR	0,00	0,00	0,00	0,00	A	Different totals
0L	160000	2022	6	EUR	0,00	1.190,00-	1.190,00-	160000	EUR	0,00	0,00	0,00	0,00	A	Different totals
0L	417000	2022	6	EUR	1.000,00	0,00	1.000,00	417000	EUR	0,00	0,00	0,00	0,00	A	Different totals



Consider Temporary Postings:

Central Finance: Comparison of FI Balances

Ld	Account	Year	Period	Src.: Tr.	Debit	Credit	Balance	Ld	Accou...	Trgt: Tr.	Debit	Credit	Balance	Difference	Description
0L	154000	2022	6	EUR	190,00	0,00	190,00	0L	154000	EUR	190,00	0,00	190,00		No issues found
0L	160000	2022	6	EUR	0,00	1.190,00-	1.190,00-	0L	160000	EUR	0,00	1.190,00-	1.190,00-		No issues found
0L	417000	2022	6	EUR	1.000,00	0,00	1.000,00	0L	400000	EUR	1.000,00	0,00	1.000,00		No issues found

Comparison of FI Account Line Items

Consider Temporary Postings:

Central Finance: Comparison of FI Line Items

Source: Reference K...	Source: G/L Account	Src.: CC.	Src.: CC.	Source: Ledger Group	Target: Reference Key	Target: Document Number	Target: G/L Account	Trgt: CC.	Trgt: CC.	Target: Ledger Group	Difference	Description
6100000009F9052022	154000	EUR	190,00	0L							3	In AIF: With Errors
6100000009F9052022	160000	EUR	1.190,00-	0L							3	In AIF: With Errors
6100000009F9052022	417000	EUR	1.000,00	0L							3	In AIF: With Errors



Consider Temporary Postings:

Central Finance: Comparison of FI Line Items

Source: Reference K...	Source: G/L Account	Src.: CC.	Src.: CC.	Source: Ledger Group	Target: Reference Key	Target: Document Number	Target: G/L Account	Trgt: CC.	Trgt: CC.	Target: Ledger Group	Difference	Difference Description
6100000009F9052022	154000	EUR	190,00	0L	6100000009F9052022	3300000000	154000	EUR	190,00	0L	T	Temporary posting exists
6100000009F9052022	160000	EUR	1.190,00-	0L	6100000009F9052022	3300000000	160000	EUR	1.190,00-	0L	T	Temporary posting exists
6100000009F9052022	417000	EUR	1.000,00	0L	6100000009F9052022	3300000000	400000	EUR	1.000,00	0L	T	Temporary posting exists

Comparison Report - Adjustments

For Parallel Accounting: Account to Ledger Solution

Central Finance: Comparison of FI Balances

Source: Ledger	Account	Period	Src.: Tr.	Debit	Credit	Balance	Target: Ledger	Accou...	Trgt: Tr.	Debit	Credit	Balance	Description	Variance
0L	A113100	7	EUR	850,00	100,00-	750,00	AA	113100	EUR	850,00	100,00-	750,00	No issues found	0,00
0L	A400000	7	EUR	100,00	850,00-	750,00-	AA	400000	EUR	100,00	850,00-	750,00-	No issues found	0,00
0L	B113100	7	EUR	200,00	1.675,00-	1.475,00-	BB	113100	EUR	200,00	1.675,00-	1.475,00-	No issues found	0,00
0L	B400000	7	EUR	1.675,00	200,00-	1.475,00	BB	400000	EUR	1.675,00	200,00-	1.475,00	No issues found	0,00



Central Finance: Comparison of FI Line Items

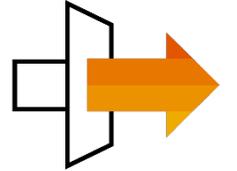
CoCode	DocumentNo	G/L Acct	Src.: CC.	Src.: CC.	Ledger Grp	CoCode	DocumentNo	Ref. doc.	Ref.Org.Un	G/L Acc	Trgt: CC.	Trgt: CC.	Target: Ledger Group	Description
FDFV	100000001	A113100	EUR	1.000,00-	0L	FDFV	6000000000	100000001	FDFV2022	113100	EUR	1.000,00-	AA	No issues found
FDFV	100000001	A400000	EUR	1.000,00	0L	FDFV	6000000000	100000001	FDFV2022	400000	EUR	1.000,00	AA	No issues found
FDFV	100000001	B113100	EUR	2.000,00-	0L	FDFV	6000000001	100000001	FDFV2022	113100	EUR	2.000,00-	BB	No issues found
FDFV	100000001	B400000	EUR	2.000,00	0L	FDFV	6000000001	100000001	FDFV2022	400000	EUR	2.000,00	BB	No issues found



Enhancements for **Central Accruals** **Management**

Enhancements for Central Accruals Management

OnePager



Value for Users:

G/L Accountant

Motivation/Background

Previously, the customer needed to manually transfer the replicated Accounting View of Logistics Information (AVL) to the Accrual Engine in the Central Finance system. To reduce the customer operational effort, this enhancement has been introduced to automate the transfer process.

Solution/Feature

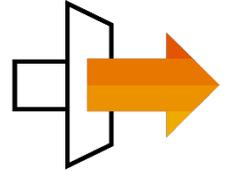
The enhancement automates the transfer of the purchase orders replicated from the source system by AVL to the Accrual Engine in the Central Finance system. It supports the Accrual Engine in the Central Finance system in calculating and posting the subsequent accrual results without manual activities.

Business Benefit

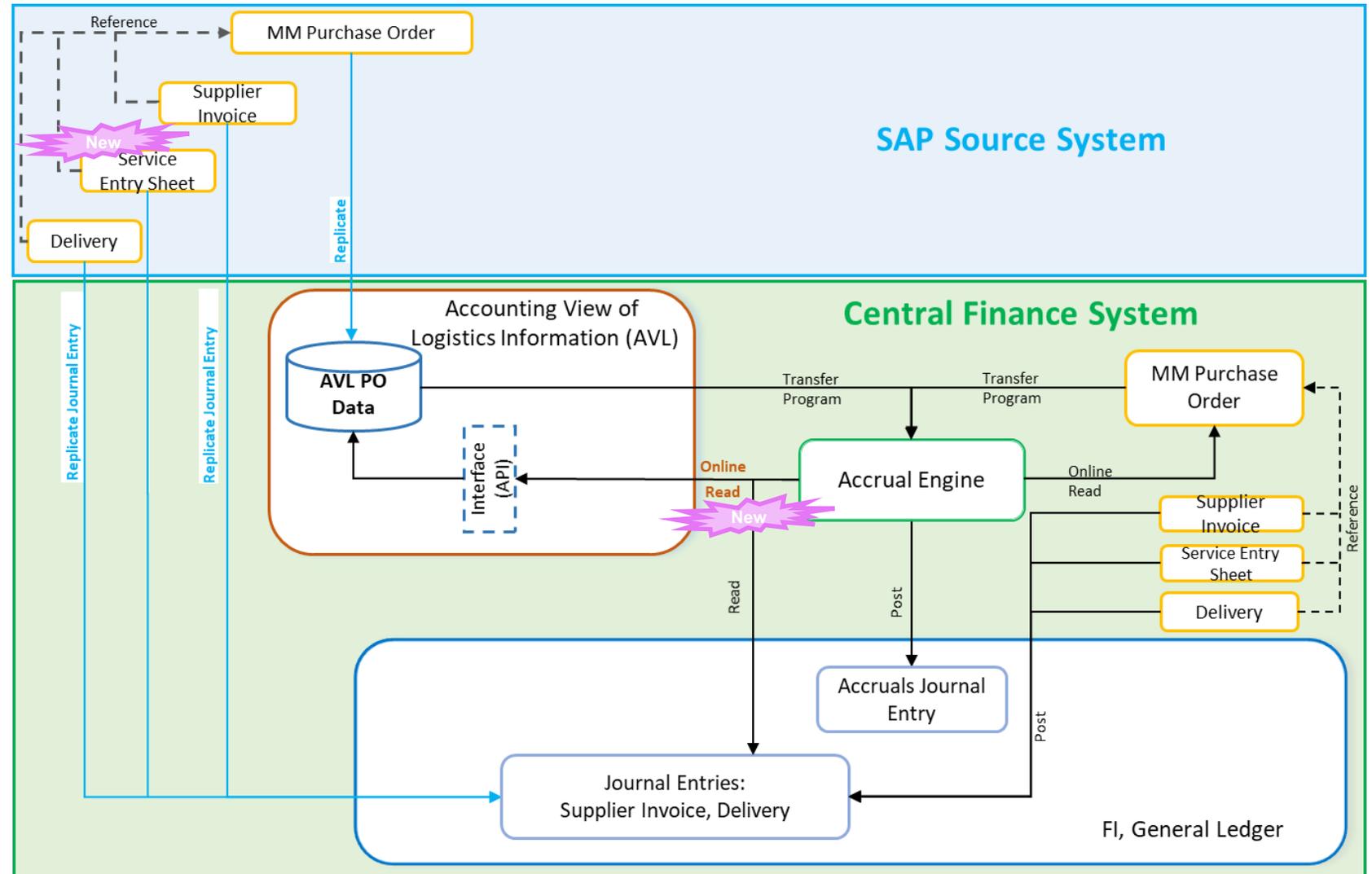
- ✓ *Reduce manual work involved in transferring replicated purchase orders to the Accrual Engine in batch run by automating the process instead;*
- ✓ *Enable real-time calculation and posting of PO accruals in the Central Finance system;*
- ✓ *Reduce the risk of errors in case of non-scheduled or cancelled batch runs.*

Enhancements for Central Accruals Management

Business Process Flow Overview

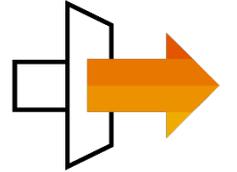


- ❖ Accruals can be calculated and posted in the Central Finance system, for purchase orders which are directly posted in the Central Finance system or replicated to the Central Finance system.
- ❖ The hybrid landscape groups all necessary elements including:
 - Master data
 - Transactional data
 to be provided for Central Accruals Management.



Enhancements for Central Accruals Management

Customizing – Accrual Management Module



- PO Accruals Online Transfer needs to be configured from the Accrual Management Module in the Central Finance System. Screenshot below shows how the user switches on AVL PO Accruals Online Transfer.

SAP Change View "Variants for purchase order data transfer": Overview

New Entries

Dialog Structure

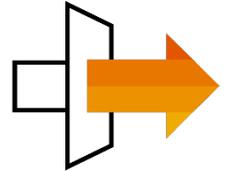
- Variants for purchase order data transfer
 - Define accr. item type and meth
 - Assign company code to transfer v

PO Transfer Variant	Dflt Var PO Transfer	Online Integ Active	Purchase Order Transfer Variant Name
<input type="checkbox"/> 0001	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Transfer Purchase Orders into Accrual Engine (Default)
<input type="checkbox"/> 0002	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Transfer Purchase Orders into Accrual Engine(Accruals&Deferrals)
<input type="checkbox"/> F001	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Transfer Purchase Orders into Accrual Engine
<input type="checkbox"/> F002	<input type="checkbox"/>	<input type="checkbox"/>	Transfer Purchase Orders into Accrual Engine
<input type="checkbox"/> FA1A	<input type="checkbox"/>	<input type="checkbox"/>	FA1A
<input type="checkbox"/> FA1B	<input type="checkbox"/>	<input type="checkbox"/>	FA1B
<input type="checkbox"/> FA1C	<input type="checkbox"/>	<input type="checkbox"/>	FA1C

- Refer to SAP Note [3013315](#) for detailed information of Central Finance: Installation and Configuration for Accounting View of Logistics (AVL) information.

Enhancements for Central Accruals Management

Example -- Central PO Accruals (1)



- ❖ 1. PO creation and invoice verification is done in source systems.

SAP Standard PO 4500000216 Created by Lian Ma

Document Overview On | Print Preview | Messages | Personal Setting | Save As Template | More

NB Standard PO 4500000216 Vendor: 100155 Accrual test Doc. Date: 07.04.2021

1
Source System

S...	Itm	A	I	Material	Short Text	PO Quantity	OUn	C	Deliv. Date	Net Price	Curren...	Per	OPU	Matl Group	Plnt
<input type="checkbox"/>	10	K	E		T7-1-5-2-B_testing7_FA1B QM7				30.06.2021	600,00	CNY	1		Tools	Accrual test

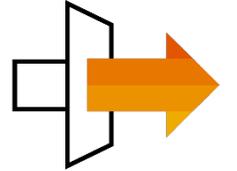
Item: T7-1-5-2-B_testing7_FA1B QM7

Enhanced Limits | Material Data | Delivery | Invoice | Conditions | Account Assignment | Purchase Order History | Texts | Delivery Address

Sh. Text	MVT	Material Document Item	Posting Date	ΣQuantity	Delivery cost quantity	OUn	ΣAmt.in Loc.Cur.	L.c.	ΣQty in OPU	DelCostQty (OPUn)	Order Price Unit	Σ Amount	Croy Reference	Logical System
RE-L		5105600915	1 30.03.2021	1,000			76,92 EUR		1,000			600,00 CNY		
Tr./Ev. Invoice receipt				1,000			76,92 EUR		1,000			600,00 CNY		

Enhancements for Central Accruals Management

Example -- Central PO Accruals (2)



- ❖ 2. Check AIF message for AVL data PO and FI Document replication status

SAP Error Handling - 03.10.2022 - 17.10.2022 (200)

Technical Mode Icon Help Last Transfer Restrict Alert inbox More

Log Messages

Type	Functions	Hints	Texts	Index	Message Text	Date	Time
■				1	Document processed successfully	13.10.2022	09:54:50

ROOT:Purchasing Document: Header Data

Excep...	_LINE_NR	LogSystem	Cli...	Src PurDoc	CoC...	Dc Doc...	Dt Supplier	Pyt...	Pa...	Pa...	Pa...	CD Per...	CD Per...	Purc...	Pur...	Curre...	Exchange Rate	Ex D
■	1	QKBCLNT821	821	4500000216	J001	F NB	100155		0	0	0	0,000	0,000	J001	001	CNY	/7,80000	C

Target System

Log Messages

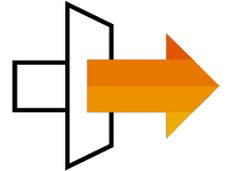
Type	Functions	Hints	Texts	Index	Message Text	Long	Date	Time
■				9	Document FA1C 5100000159 2021 posted successfully		13.10.2022	09:55:32
■				9	Profit center was set to PC_01		13.10.2022	09:55:32

TRG_DATA:Accounting Document Posting Data

Excep...	_LINE_NR	Scenario	Rt Tr	Timestamp of transfer record	Cli...	Ref. T...	Ref. Docume...	Refer. Org.U...	Log.System	Tran...	Trans.	Subs...	User Name
■	9			20.221.013.074.730,2366150	910	RMRP	5105600915	2021	QKBCLNT821	RMR...			MALIAN1

Enhancements for Central Accruals Management

Example -- Central PO Accruals (3)



- ❖ 3. Directly check Accrual Object data in the target system.

SAP Display Accrual Object

Company Code: FA1C SAP AG Time Dependency: 01.01.0001 - 31.12.9999

Reference Data

Purchasing Document: 4500000216 Logical System: QKBCLNT821
Purchasing Doc. Item: 10 Account Assgmt No.: 1

Life

Start of Life: 01.01.2021 End of Life: 30.06.2021
Lifecycle Status: P In Process

Item Data

Choose Accrual Item

Accr Item Type	Item Type Text	Ledger Group	Total A/D Amt (TC)	Transaction Currency	Accr/Defrl Meth.	Total Qty to Accrue	Unit of Measure	Total A/D Amt (C)	Comp.
YF_DEFERR_A	Actual_AmountBased_DeltaPosting_WithoutOnline	0L	600,00	CNY	ACT_COSTS				
YF_DEFERR_D	Deferral_AmountBased_DeltaPosting_WithoutOnl.		0,00	CNY	DCSTPC				
YF_DEFERR_N	Normal_AmountBased_DeltaPosting_WithoutOnl.		0,00	CNY	PLN-REC			0,00	EUR
YF_DEFERR_P	Plan_AmountBased_DeltaPosting_WithoutOnline		600,00	CNY	PLN_LIND_P				
YF_DEFERR_A	Actual_AmountBased_DeltaPosting_WithoutOnline	F1	600,00	CNY	ACT_COSTS				

Calculated Accruals Postings Posted Totals Review&Approval

Accrual Item Type	Ledger Grp	First Day	Last Day	BalAmtT	PlndCstsTC	ActCstsTC	DfrdCstsTC	RcgdCstsTC	DeltaAmtT	AccmAm.	TrCr.	BalAmtCC	PlndCstsC	ActCstsCC	DfrdCstsC	RcgdCstsC
YF_DEFERR_N	0L	01.01.2021	31.01.2021	100,00	100,00	0,00	0,00	0,00	100,00	0,00	CNY	100,00	0,00	0,00	0,00	0,00
YF_DEFERR_N	0L	01.02.2021	28.02.2021	200,00	200,00	0,00	0,00	0,00	100,00	100,00	CNY	240,00	0,00	0,00	0,00	0,00
YF_DEFERR_N	0L	01.03.2021	31.03.2021	0,00	300,00	600,00	300,00	300,00	200,00	-200,00	CNY	0,00	0,00	0,00	0,00	0,00
YF_DEFERR_N	0L	01.04.2021	30.04.2021	0,00	400,00	600,00	200,00	400,00	0,00	0,00	CNY	0,00	0,00	0,00	0,00	0,00
YF_DEFERR_N	0L	01.05.2021	31.05.2021	0,00	500,00	600,00	100,00	500,00	0,00	0,00	CNY	0,00	0,00	0,00	0,00	0,00
YF_DEFERR_N	0L	01.06.2021	30.06.2021	0,00	600,00	600,00	0,00	600,00	0,00	0,00	CNY	0,00	0,00	0,00	0,00	0,00

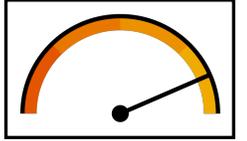


Target System

Mass Data Update **for Cost Objects**

Mass Data Update for Cost Objects

Highlights



Value for Users

Central Finance Administrator, Cost Controller

Motivation/Background

This feature reloads the source cost objects' changes and updates the corresponding target cost objects to keep cost object data in sync between the source and the Central Finance system

One use case is to sync the inconsistent cost object status caused by cost object initial load. The statuses of the target cost objects are all set to 'Released' after the initial load in order to support the subsequent initial load for FI/CO documents, so after the relevant initial loads have been completed, you can use this function to sync the statuses of cost objects if you want to make them consistent between the source system and Central Finance system.

Solution/Feature

This feature reloads the current status of cost objects in the source system and updates the corresponding cost objects in the CFIN system accordingly

Business Benefit

✓ *Increase consistency for a large volume of replicated cost objects efficiently*

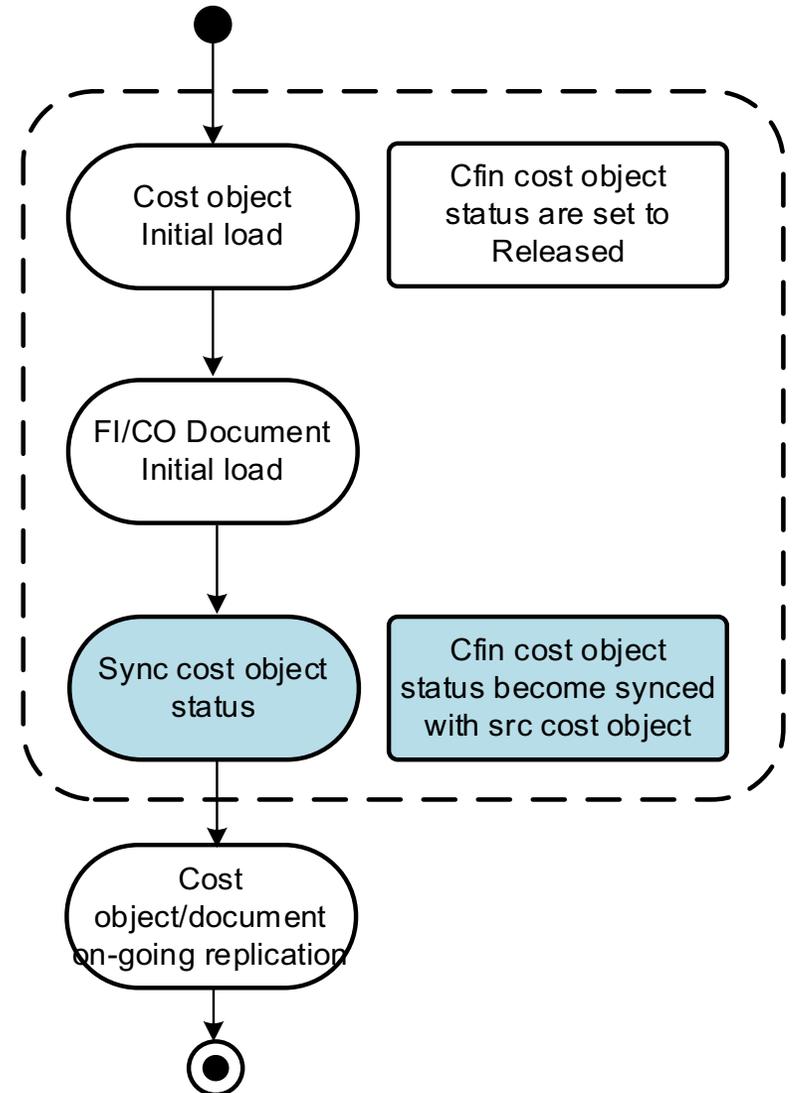
Mass Data Update for Cost Objects

Features Description

You can use this feature to reload the source cost objects' changes and update the corresponding target cost objects which have been assigned to the source cost objects (1:1 mapping scenario).

Specifically, it can be used to sync the cost object status after the initial load of relevant FI/CO documents has been completed. The diagram shows the basic steps used to do this.

As in the initial load of cost objects, the mass data update of cost object is also carried out using SLT. After you start the mass data update of cost objects in SLT, the data will be transferred from the source system to the Central Finance system. The final processing result is shown in AIF, under namespace /FINCF, interface CO_OBJ.



Deferred Tax – Support of Document Splitting



Deferred Tax – Support of Document Split

Highlights

Value for Users:

Tax Accountant, General Ledger Accountant

Motivation/Background

Enable out-of-the-box support of document split for countries with deferred tax requirements

Solution/Feature

- *Include splitting information in deferred tax relevant documents*
- *Splitting of Deferred Tax line item*

Business Benefit

- ✓ *Out-of-the-box support of document splitting in a Central Finance scenario with deferred tax*
- ✓ *Enabling segment reporting for company codes with deferred tax reporting requirements*

**Highlights: Functions Delivered in
SAP S/4HANA 2021 Feature Pack 1 and
SAP S/4HANA 2021 Feature Pack 2**

Functions Delivered in SAP S/4HANA 2021, Feature Pack 1

Highlights: Functions Delivered in SAP S/4HANA 2021, Feature Pack 1

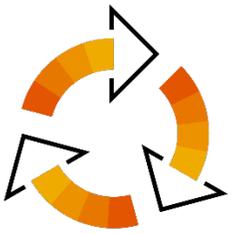
- Manage Temporary Postings
- Central Asset Accounting: Activation by Company Code
- Central Asset Accounting: Reposting Tool for Replicated Asset-Related Transactions
- Central Settlement: Cost Object Status Check for Central Settlement
- Intermediate Data Retention: Cross-Company Processes
- Initial Load - Functional Enhancements for SAP S/4HANA source systems
- Central Budgeting for Projects Enhancements
- Central Commitment Reporting – Simulation
- CO Document Replication - Mapping of characteristics for Margin Analysis
- Cost Object Deletion - Selection Options

Functions Delivered in SAP S/4HANA 2021, Feature Pack 2

Highlights: Functions Delivered in SAP S/4HANA 2021, Feature Pack 2

- Enhancements for Central Budgeting for Projects
- Intermediate Data Retention: Stop Recording
- Improved display of error messages in the Consistency Check Report

Manage Temporary Postings



Manage Temporary Postings

OnePager

Value for Users:

G/L Accountant

Motivation/Background

Improved and integrated process for creation of temporary postings compared to manual approaches

Solution/Feature

The temporary posting functionality provides:

- Fiori app “F6062 – Manage Temporary Postings”
- Creation of temporary postings from a pending journal entry by copying all relevant data incl. references
- Automatic reversal when pending document are processed

Business Benefit

- ✓ Increased efficiency with an integrated process for temporary postings
- ✓ Automatic reversals ensure correct numbers in F/S
- ✓ Auditability as the temporary posting and the reversal have references to the pending journal entry

The screenshot shows the SAP Fiori app interface for 'Manage Temporary Posting'. The top navigation bar includes the SAP logo and the app title. Below the navigation bar, there are filter fields for 'Editing Status' (set to 'All'), 'Sender Logical System', 'Company Code' (set to 'F001 (Tools Inc. Europe)'), 'Posting Date' (set to 'Last 3 weeks'), and 'Journal Entry Type'. There are also fields for 'Sender Journal Entry', 'Sender FiscalYr', and 'Has Temporary Posting'. A 'Go' button and 'Adapt Filters (2)' are visible. Below the filters, a table titled 'Pending Journal Entries (47)' is displayed. The table has columns for 'Sender Logical Sy...', 'Company Code', 'Posting Date', 'Journal Entry Type', 'Sender Jou...', 'Sender Fisca...', 'Journal E...', and 'Amount in Compa...'. The table contains several rows of data, including entries for 'Q7QCLNT002' with 'F001 (Tools Inc. Europe)' as the company code and '22.11.2021' as the posting date. The 'Journal E...' column shows values like '1800000542', '1800000546', '1800000547', '1800000548', '1800000549', '1800000550', and '1800000551'. The 'Amount in Compa...' column shows values like '500,00', '100,00', and '330000000.2'.

Sender Logical Sy...	Company Code	Posting Date	Journal Entry Type	Sender Jou...	Sender Fisca...	Journal E...	Amount in Compa...
Q7QCLNT002	F001 (Tools Inc. Europe)	22.11.2021	KA (Vendor Document)	1800000542	2021		500,00 EUR
Q7QCLNT002	F001 (Tools Inc. Europe)	22.11.2021	KA (Vendor Document)	1800000546	2021	330000000.2	100,00 EUR
Q7QCLNT002	F001 (Tools Inc. Europe)	22.11.2021	KA (Vendor Document)	1800000547	2021		100,00 EUR
Q7QCLNT002	F001 (Tools Inc. Europe)	22.11.2021	KA (Vendor Document)	1800000548	2021		100,00 EUR
Q7QCLNT002	F001 (Tools Inc. Europe)	22.11.2021	KA (Vendor Document)	1800000549	2021		100,00 EUR
Q7QCLNT002	F001 (Tools Inc. Europe)	22.11.2021	KA (Vendor Document)	1800000550	2021		100,00 EUR
Q7QCLNT002	F001 (Tools Inc. Europe)	22.11.2021	KA (Vendor Document)	1800000551	2021		100,00 EUR

Manage Temporary Postings

Features

Features:

- Creation of temporary postings from a pending journal entry by copying all relevant data including references
- Automatic reversal, when original pending journal entry is posted
- Support of manual reversal
- Only limited editable fields to ensure compliance (e.g. amounts, posting dates and company code are read only)
- Temporary postings are excluded for the Central Payment process (e.g. payment run, manual payment posting) to ensure the payment is made based on the original open item data.

Supported Scenarios:

- Removal or Change of Cost Center/Profit Center
- Removal or Adjustments of Customer/Vendor

Standard* ▼

Editing Status: All ▼ Sender Logical System: F001 (Tools Inc. Europe) 📄 Company Code: F001 (Tools Inc. Europe) 📄 Posting Date: This week (19.12.2021 - ...) 📄 Journal Entry Type: 📄

Sender Journal Entry: 📄 Sender FiscalYr: 📄 Has Temporary Posting: 📄 Go Adapt Filters (1)

Pending Journal Entries (8) Standard* ▼ Show Details ⚙️ 📄 ▼

Sender Logical Sy...	Company Code	Posting Date	Journal Entry Type	Sender Journal E...	Sender Fisc...	Journal...
Q7OCLNT002	F001 (Tools Inc. Europe)	21.12.2021	KA (Vendor Document)	1800000584	2021	3500000000
Q7OCLNT002	0001 (SAP SE)	20.12.2021	RV (Billing Doc.Transfer)	100141284	2021	>
Q7OCLNT002	WX01 (Tools Inc.(cp)-weixingEUR)	21.12.2021	KA (Vendor Document)	1800000004	2021	>
Q7OCLNT002	0001 (SAP SE)	20.12.2021	RV (Billing Doc.Transfer)	100141292	2021	>

1800000584 Reverse Temporary Posting 📄

Vendor Document

Journal Entry Data

Company Code: F001 (Tools Inc. Europe)
Posting Date: 21.12.2021
Journal Entry Date: 21.12.2021
Temporary Posting Document: 3500000000
Sender Logical System: Q7OCLNT002 (Q7OCLNT002)
Source Reference Document: 1800000584
Source Reference Document Type: BKPF (Accounting document)

Line Items

Temporary Posting Line Items (2) Standard ▼ ⚙️ 📄 ▼

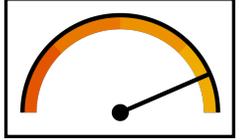
Position	G/L Account	Amount in Company Code C...	Profit Center	Cost Center	Supplier	Customer
1	160099	-100,00 EUR				
2	113100	100,00 EUR				

Central Asset Accounting

Activation by Company Code

Central Asset Accounting Activation

OnePager



Value for Users:

Asset Accountant

Motivation/Background

Centralize Asset Accounting to manage processes, financial reporting and closing activities for fixed assets in the Central Finance system, while disabling asset accounting in the source system and leaving logistics processes related to assets there.

Solution/Feature

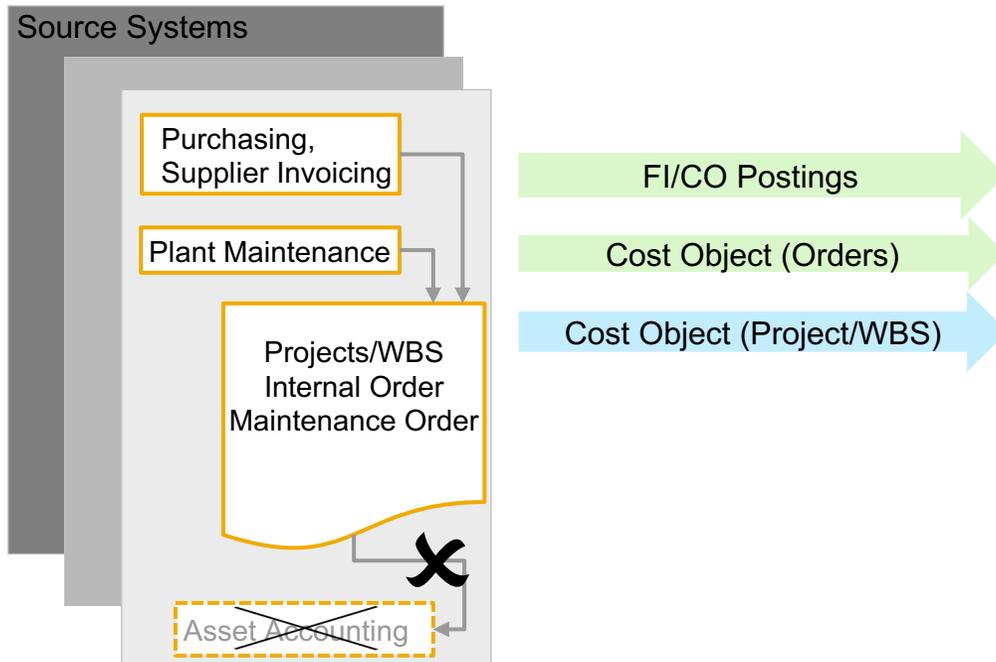
Activate Central Asset Accounting by company code

Business Benefit

- ✓ *Reduce costs by centralizing Asset Accounting processes in Central Finance and switching off fixed asset accounting in the source systems*
- ✓ *Take advantage of the latest Asset Accounting innovations in SAP S/4HANA, e.g. latest Fiori Apps*
- ✓ *Reduce implementation risk by activating Central Asset Accounting by company code*

Central Asset Accounting Activation

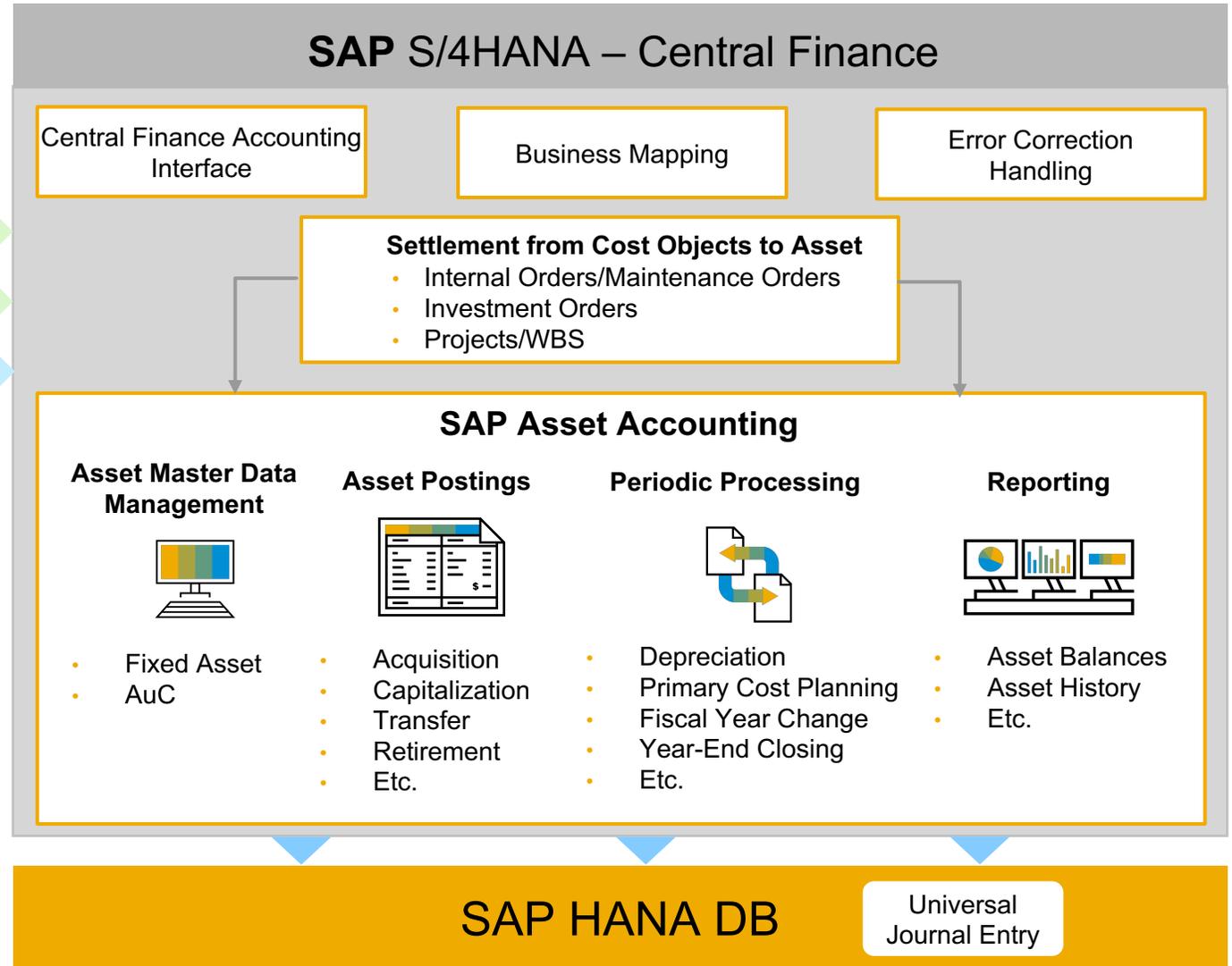
High-level Solution



Asset Acquisition on Cost Objects in source systems

Asset Master Data (Fixed Assets/AuC) in Central Finance system

Asset Capitalization in Central Finance system

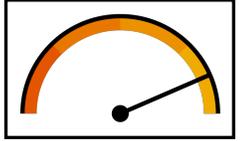


Central Asset Accounting

**Reposting Tool for Replicated Asset-
Related Transactions**

Reposting Tool for Replicated Asset-Related Transactions

OnePager



Value for Users:

Asset Accountant, General Ledger Accountant

Motivation/Background

Before Central Asset Accounting is activated, fixed assets are only managed in the source system. Asset postings are replicated to the Central Finance system where they are only posted to the General Ledger.

To use Central Asset Accounting, all the legacy asset master data and their asset values in the source system need to be migrated to the Central Finance system. As asset-related postings were already replicated and posted on G/L accounts before activation of Central Asset Accounting, these values would then be duplicated with the migrated asset balance after legacy asset data transfer. Therefore, the duplicated balances of G/L accounts shall be written off with new postings.

Solution/Feature

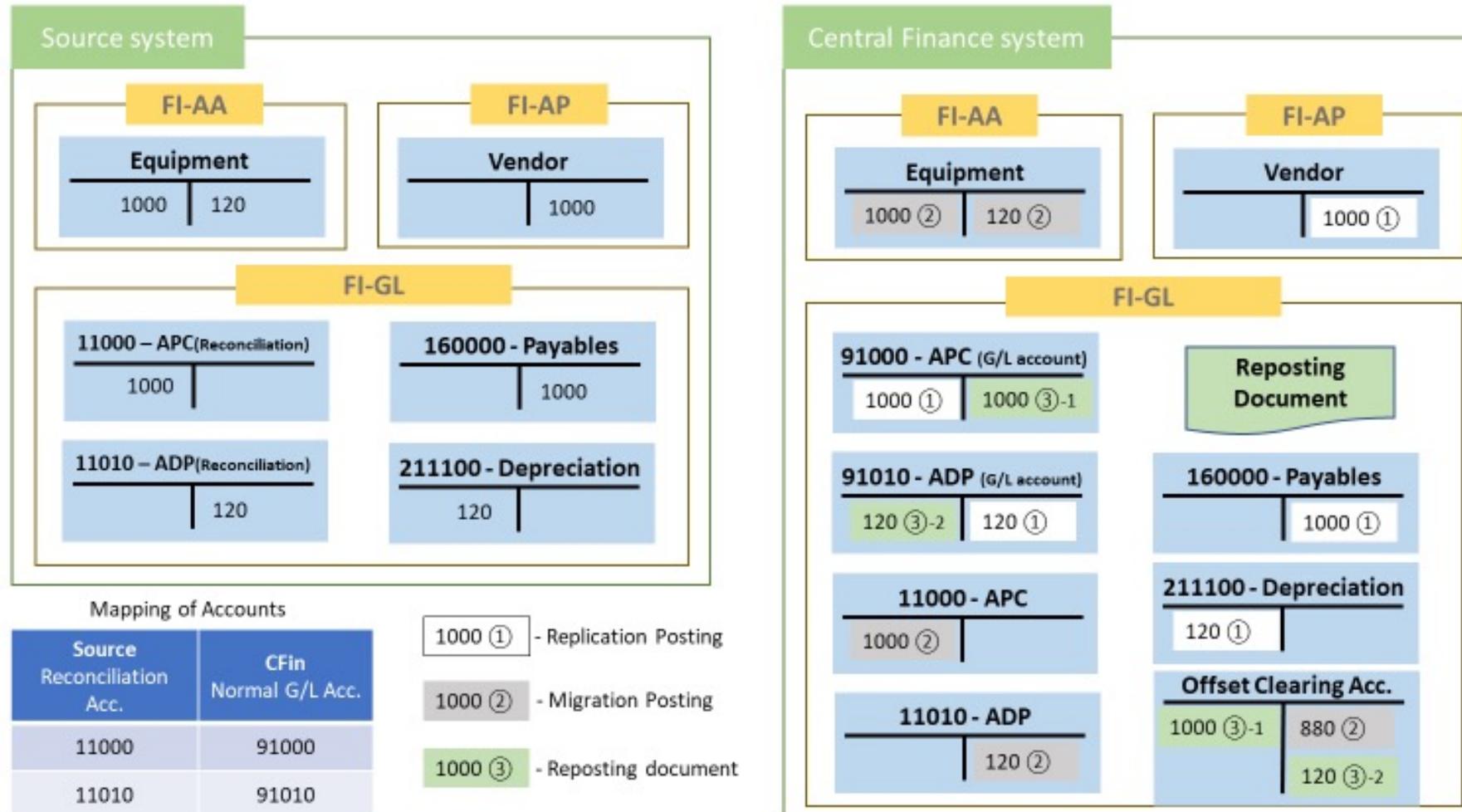
A tool is provided to create reposting documents in the Central Finance system.

Business Benefit

- ✓ *Reduce costs and avoid issue of manual work by reposting the duplicated amount automatically*
- ✓ *Enable smooth transition to Central Asset Accounting (reducing costs, efforts and issues of transition)*

Reposting Tool for Replicated Asset-Related Transactions

Background and Solution



Reposting Tool for Replicated Asset-Related Transactions

Reposting document

Posting from source system

Data Entry View

Document Number	4400000131	Company Code	CFAA	Fiscal Year	2020
Document Date	19.10.2020	Posting Date	19.10.2020	Period	10
Reference		Cross-Comp.No.			
Currency	EUR	Texts exist	<input type="checkbox"/>	Ledger Group	

Itm PK	AccTy	Account Description	SG	G/L Acc/D/C	Amount	Curr.	Trs Tx	Cost Ctr	Order	Profit Ctr	Clng d
1 70	A	11000 200000000143 0000		11000 S	10.000,00	EUR	V0				
2 50	S	199990 Crg - asset acq.		199990 H	10.000,00-	EUR					ALE-ext
					0,00	EUR					

Replicated document in CFIN system

Data Entry View

Document Number	100000083	Company Code	CFAA	Fiscal Year	2020
Document Date	19.10.2020	Posting Date	19.10.2020	Period	10
Reference		Cross-Comp.No.			
Currency	EUR	Texts Exist	<input type="checkbox"/>	Ledger Group	

CoCd	Item	Key	SG Account	Description	Amount	Curr.	Tx	A.T...	TTY	Bus. Area	Profit Center	Doc
CFAA	1 40		11003	Asset Normal Account	10.000,00	EUR	V0		120			100
	2 50		199990	Crg - asset acq.	10.000,00-	EUR						100

Reposting document

Date/Time/User	Nu...	External ID	C
02.11.2021 09:15:36 LIMENG2	6	FINS_CAA_RT_PO... SF	
• Problem class Other			
6			

Type	Message Text
<input checked="" type="checkbox"/>	Document CFA4 100000023 2020 posted successfully
<input checked="" type="checkbox"/>	Document CFA4 100000024 2020 posted successfully
<input checked="" type="checkbox"/>	Document CFA4 100000025 2020 posted successfully
<input checked="" type="checkbox"/>	Document CFA4 100000026 2020 posted successfully
<input checked="" type="checkbox"/>	Document CFA4 100000027 2020 posted successfully
<input checked="" type="checkbox"/>	CAA: Reposting Tool step CAA_RT_POSTING for work package UQKB

Data Entry View

Document Number	100000115	Company Code	CFAA	Fiscal Year	2020
Document Date	31.12.2020	Posting Date	31.12.2020	Period	12
Reference		Cross-Comp.No.			
Currency	EUR	Texts Exist	<input type="checkbox"/>	Ledger Group	

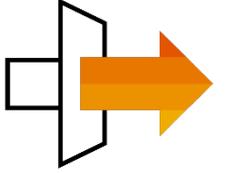
CoCd	Item	Key	SG Account	Description	Amount	Curr.	Tx	A.T...	TTY	Bus. Area	Profit Center	Docum
CFAA	1 50		11003	Asset Normal Account	10.000,00-	EUR			120			100000
	2 40		99999	offsetting Account	10.000,00	EUR						100000

Central Settlement

**Cost Object Status Check for Central
Settlement**

Cost Object Status Check for Central Settlement

Highlights



Value for Users:

Cost Accountant, Asset Accountant, Maintenance Planner / Maintenance Supervisor

Motivation/Background

With the cost object replication, orders can be replicated from source systems to the Central Finance system. If the target orders are settled in the Central Finance system (also called central settlement), the source orders can't be changed to closed or deleted before the settlement, otherwise the statuses will be replicated to the target orders and impact the settlement. In order to support this scenario, a status check was added when changing an order in the source system.

One specific use case is Central Asset Accounting: the internal order/maintenance order replicated from a source system will be settled to a fixed asset in the Central Finance system; the investment order can be settled to an AuC (asset under construction) in the Central Finance system. This new feature ensures the status change in the source system won't affect the settlement in the Central Finance system.

Solution/Feature

- *Status check when changing an internal order or a maintenance order in source system*
- *Status check during cost object replication*

Business Benefit

- ✓ *Increase smoother execution of Central Settlement of internal orders/maintenance orders*

Cost Object Status Check for Central Settlement

Features Description

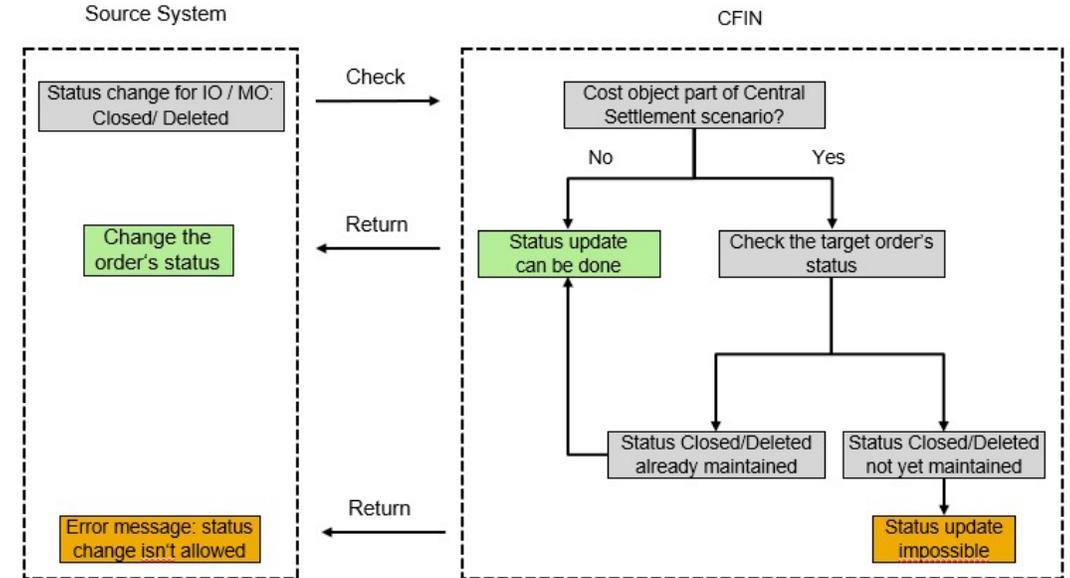
Feature 1: Status check when changing an internal order or a maintenance order

When a source user tries to change the status of an internal order or a maintenance order to *closed* or *deleted*, the system will check if its status can be changed based on the information in Central Finance.

The check logic is illustrated in the diagram.

Feature 2: Status check in cost object replication

The same check is available in AIF processing for cost object replication for some scenarios that are not covered by feature 1, for example the status is changed via a BAPI. If a status change is replicated to CFIN, the system will carry out the status check for it; if it can't pass the check, an error will be raised in AIF.

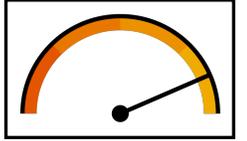


Intermediate Data Retention

Cross-Company Processes

Intermediate Data Retention - Cross Company Processes

OnePager



Value for Users:

Administrator using the Intermediate Data Retention (=IDR) approach for the initial load

Motivation/Background

Cross-company transactions are a challenge in the initial load. In cases where not all involved company codes were loaded with the same initial load group, the initial load was not possible. In the context of the IDR initial load there was an extra challenge, because the recording was started long before the initial load and it is not possible to extend initial load groups.

Solution/Feature

This feature prepares cross-company transactions for the IDR initial load, even when not all company codes are in the same initial load group. To do so, it splits the data and creates separate (sub-)transactions for each initial load group. With this the data is prepared for the IDR initial load* but also for the reset of the initial load.

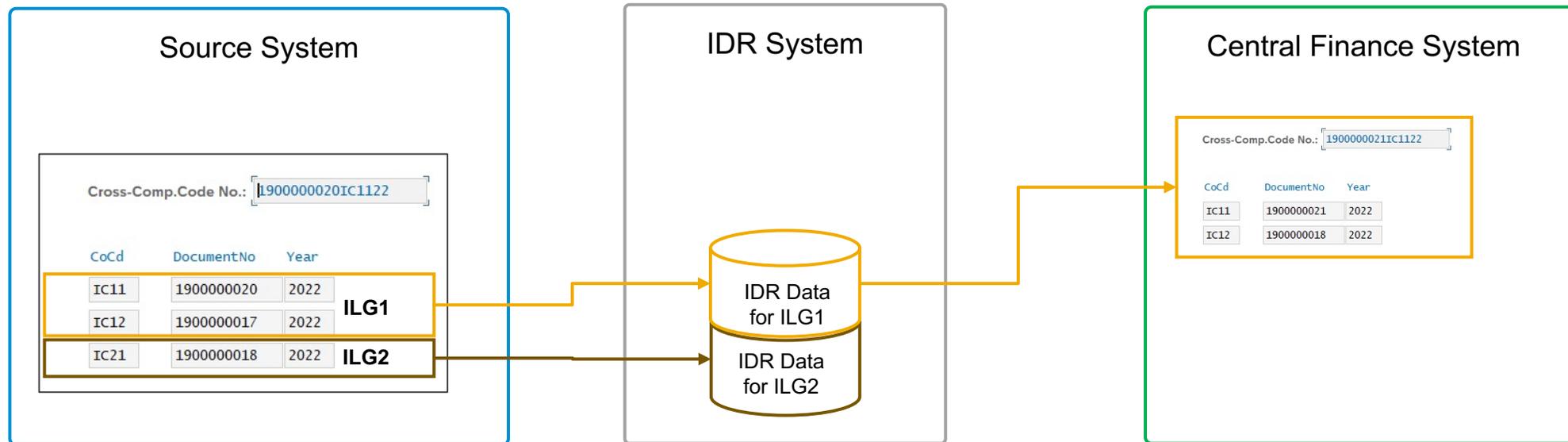
Business Benefit

Increased flexibility by enabling phased go-lives also if cross-company postings exist between company codes of different initial load groups.

Intermediate Data Retention – Cross-Company Processes

Features

- Split of all cross-company postings for company codes in IDR recording as per the initial load groups (= ILG)
- Support of follow-on processes (for example clearing or reset) for split documents during IDR recording and after IDR initial load
- Initial load group-specific reset of IDR initial load

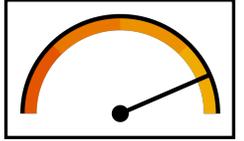


Initial Load

**Functional Enhancements for
SAP S/4HANA source systems**

Initial Load - Enhancements for SAP S/4HANA source systems

OnePager



Value for Users:

Administrator during the initial load

Motivation/Background

The S/4 Initial load did not have the same scope as the ECC Initial Load. In the S/4 Initial Load ledger specific open items and down payment requests and payment requests could not be loaded.

With this development the initial load for S/4HANA and S/4HANA Cloud systems was enhanced.

Solution/Feature

With this feature the S/4 Initial Load supports the following features of the ECC initial load.

- Ledger-specific open item load and
- Down payments requests and payment requests

There is no extra process required anymore, to load these items.

The feature is delivered with note [3103798](#) and [3114053](#) to earlier S/4HANA releases.

Business Benefit

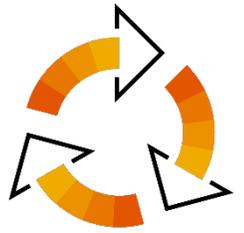
Feature parity between S/4 and ECC initial load for both classic initial load and IDR initial load.

Central Budgeting for Projects

Enhancements

Central Budgeting for Projects – Enhancements

Highlights



Value for Users:

Accountant, Project Financial Controller, Cost Accountant – Overhead, System Administrator

Motivation/Background

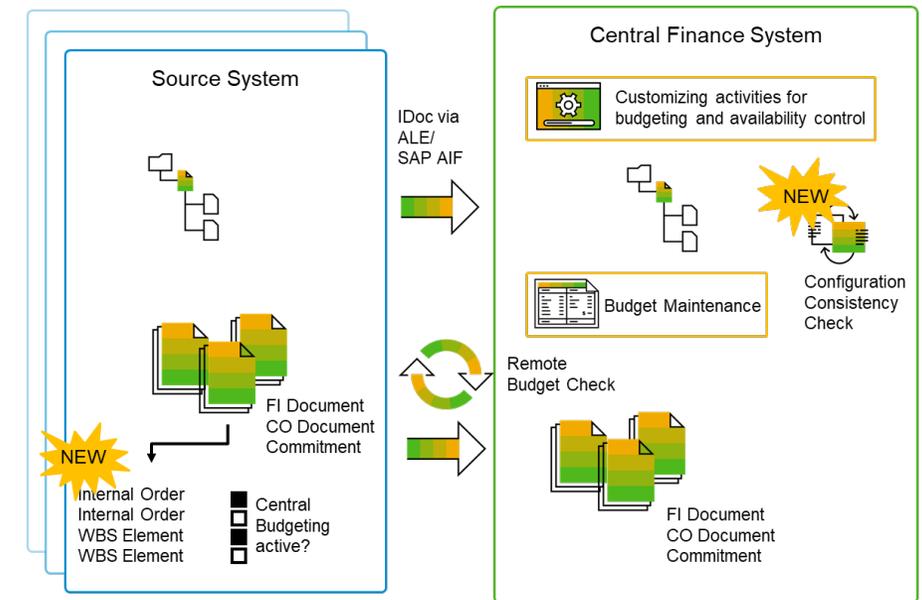
Enhancements to simplify the set-up and operation of the Central Budgeting for Projects scenario

Solution/Feature

- *Configuration Consistency Check compares configuration settings in a source system and the Central Finance system relevant for Central Budgeting*
- *Enabling Central Budgeting for Internal Orders and Projects within one Journal Entry*

Business Benefit

- ✓ *Decrease efforts of setting up the Central Budgeting scenario*
- ✓ *More flexibility by enabling another use case that combines Central Budgeting for Internal Orders and Projects during posting of a Journal Entry*



Central Budgeting for Projects – Enhancements

Configuration Consistency Checks

Central Finance: Configuration Consistency Check Report

Save as Variant... More

Choose Action

Execute Display Logs

Technical Setting

* Source Logical System:

Option for Consistency Check

Check Group:

Selection Criteria

Source Company Code: to:

Other Controls

Show Errors and Warnings Only:

Groups

Central Budgeting

Central Budgeting for Internal Orders

Central Budgeting for Projects

- Available Checks
- Central Budgeting for Projects
 - Project Profile: Budget Profile Activation
 - Project Profile: Budget Profile Mapping
 - Project Profile: Budget Profile Tolerance Limits
 - Project Profile: Central Budgeting Customizing

Configuration Consistency Check Result

▲	Mapped budget profile CB0001 differs from assigned budget profile 000001.	?
▲	Mapped budget profile CB0001 differs from assigned budget profile 000001.	?
●	Customizing for PROJECT_PROFILE F9020000002/F9020000002 does not match.	?

Long Text with Guidance

Performance Assistant

Customizing for PROJECT_PROFILE F9020000002/F9020000002 does not match.

Message no. FINS_CFIN_BC_V156

Diagnosis

You are using *Central Budgeting for Projects* where the governance of budget is shifted from a source system to the Central Finance system. The customizing entry F902/0000002 does not exist in the Central Finance System.

System Response

No budget might be determined in the Central Finance system.

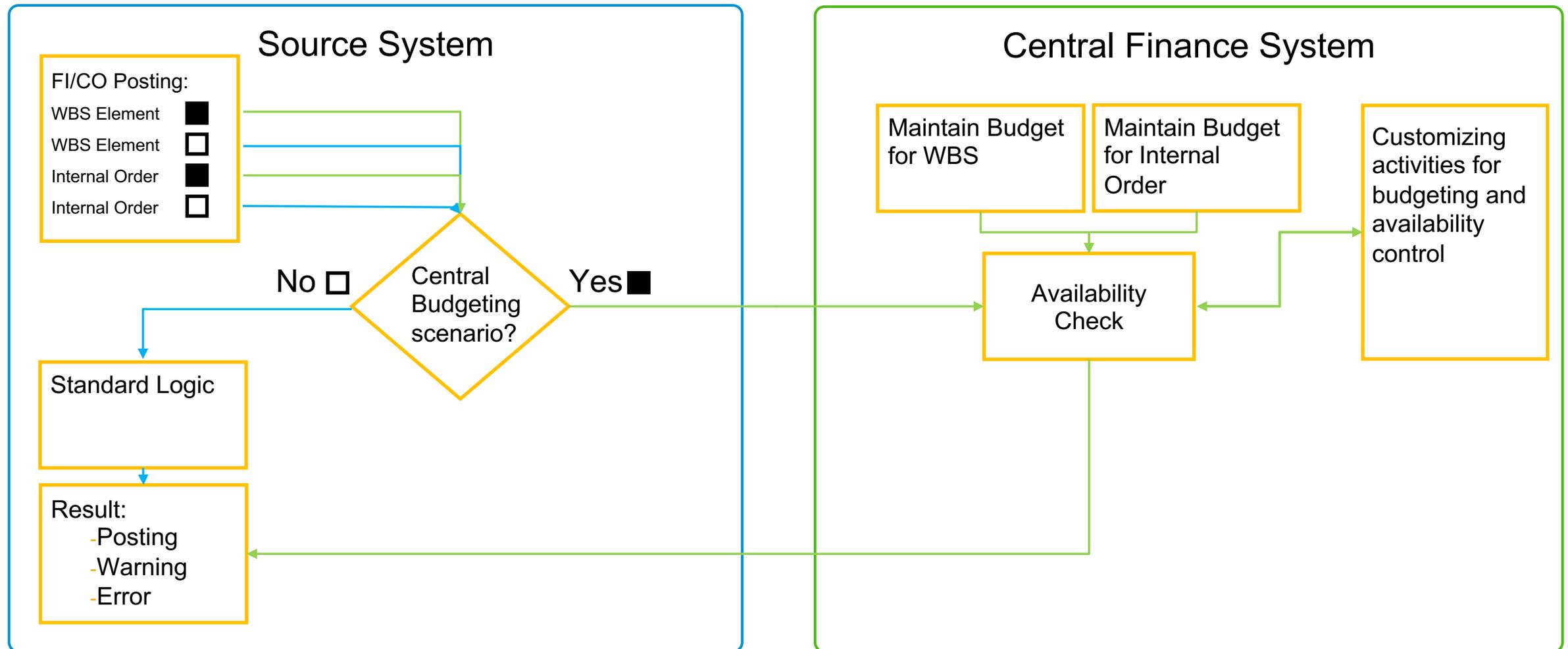
Procedure for System Administration

Please make sure that a customizing entry for F902/0000002 also exists in the Central Finance system in activity [Settings for Projects](#).

Please also consider a possible mapping for company code (BUKRS) and/or project profile (PROFIDPROJ) and make sure that it is set up correctly in activity [Maintain Value Mapping](#).

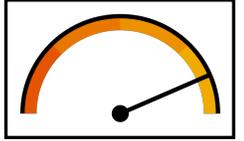
Central Budgeting for Projects and Internal Orders

High-Level Process Overview



Central Commitment Reporting Simulation

Central Commitment Reporting Simulation



Value for Users:

Central Finance Implementation Team, Central Finance Administrator

Motivation/Background

When implementing replication of commitments, a simulation of individual commitment items can help to verify whether settings have been made correctly. It is also useful when analyzing replication errors.

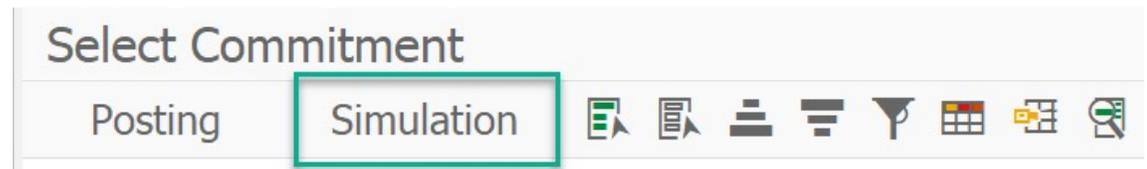
The simulation so far was only possible using SLT and AIF which was perceived as cumbersome for individual simulations.

Solution/Feature

The commitment replication report FINS_CFIN_CMT_REPL has been enhanced and now includes the option of running commitment replication in simulation mode directly from the Central Finance system. [Note 3122244](#)

Business Benefit

- *Find incorrect settings earlier by simulating individual commitment items*
- *Better analysis of replication errors*
- *Reduce risk and costs of implementing the commitment replication scenario*



Mapping of characteristics for Margin Analysis

CO Document Replication

Mapping of Characteristics for Margin Analysis

CO Document Replication



Value for Users:

Cost Accountant - Sales

Motivation/Background

When a profitability segment is transferred from the source system to the Central Finance system its number is regenerated in the target system based on the mapped characteristics of the segment in the Central Finance system.

The call to the Badi method MAP_VALUES for the CO document replication occurs after the regeneration of the profitability segment number which is too late to be able to map the characteristics consistently.

Solution/Feature

A new BAdI method MAP_VALUES_FOR_COPA_SEGMENT has been created in the interface IF_BADI_FINS_CFIN_CO_INTERFACE which is called before regeneration of the profitability segment number.

[Note 3093377](#)

Business Benefit

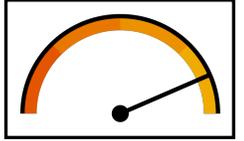
- *Better and more consistent analysis of margins with mapped and harmonized profitability characteristics*

Cost Object Deletion

Selection Options

Cost Object Deletion

Selection Options



Value for Users:

Central Finance Implementation Team, Central Finance Administrator

Motivation/Background

Incorrectly replicated cost objects can be deleted from the Central Finance system together with the assignment entries using the program FINS_CFIN_CO_MAPPING_CLEANUP.

This program did not have any selection options to delete dedicated cost objects.

Solution/Feature

Cost Object Deletion Program FINS_CFIN_CO_MAPPING_CLEANUP was enhanced and now allows the selection of cost objects based on the selected cost object replication scenario

- [Note 3104048](#)

Business Benefit

- *Reduce risks during go-live by being able to repair incorrectly replicated cost objects more easily*
- *Faster implementation by more efficient correction possibilities*
- *Lower costs of operating Central Finance and reduce time for repairing individual incorrectly replicated cost objects*

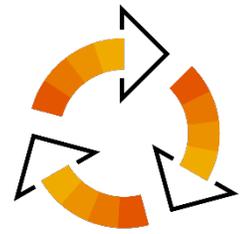
Scenario	Z40001	
Logical System ID		to
<input checked="" type="checkbox"/> Allow Cost Object Selection		
Cost Object Selection Criteria		
Object Category		
Object ID		to

Central Budgeting for Projects

Enhancements

Central Budgeting for Projects – Enhancements

Highlights



Value for Users:

System Administrator

Motivation/Background

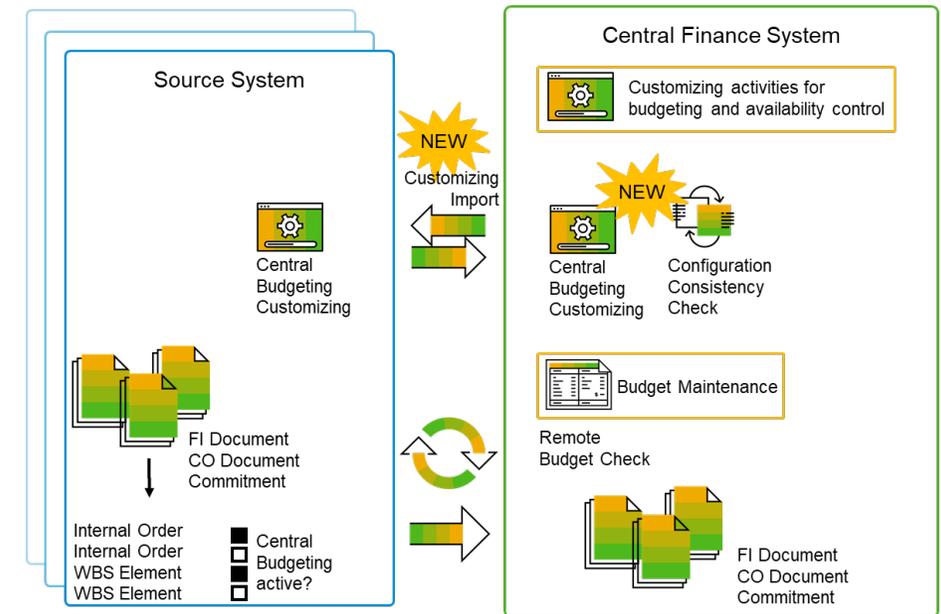
Enhancements to simplify the set-up and operation of the Central Budgeting for Projects scenario

Solution/Feature

- *Import Customizing entries from one or several source systems to a Central Finance system*
- *Additional Configuration Consistency Check compares configuration settings between a source system and the Central Finance system relevant for Central Budgeting*

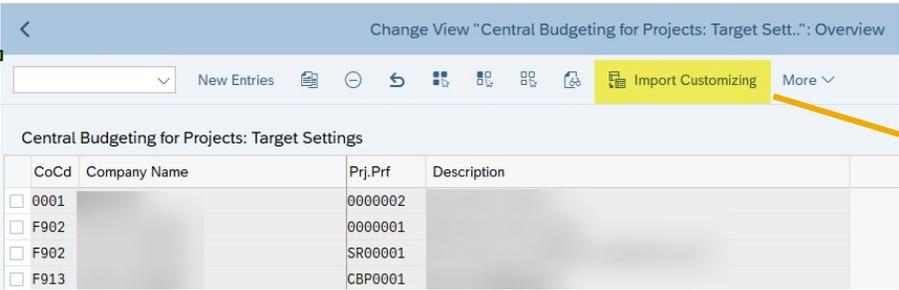
Business Benefit

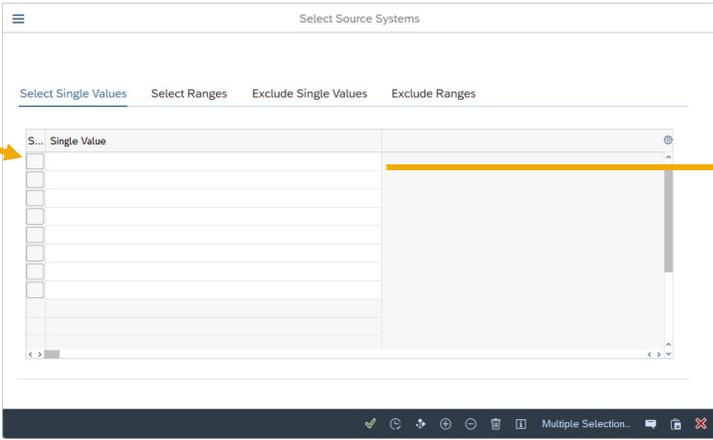
- ✓ *Decreased effort setting up the Central Budgeting scenario*
- ✓ *Less preparation time and fewer manual steps when enabling the Central Budgeting for Projects scenario*

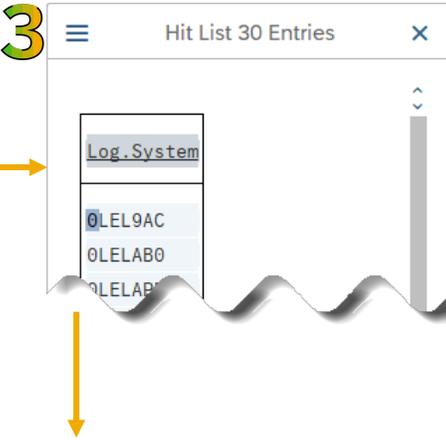


Central Budgeting for Projects

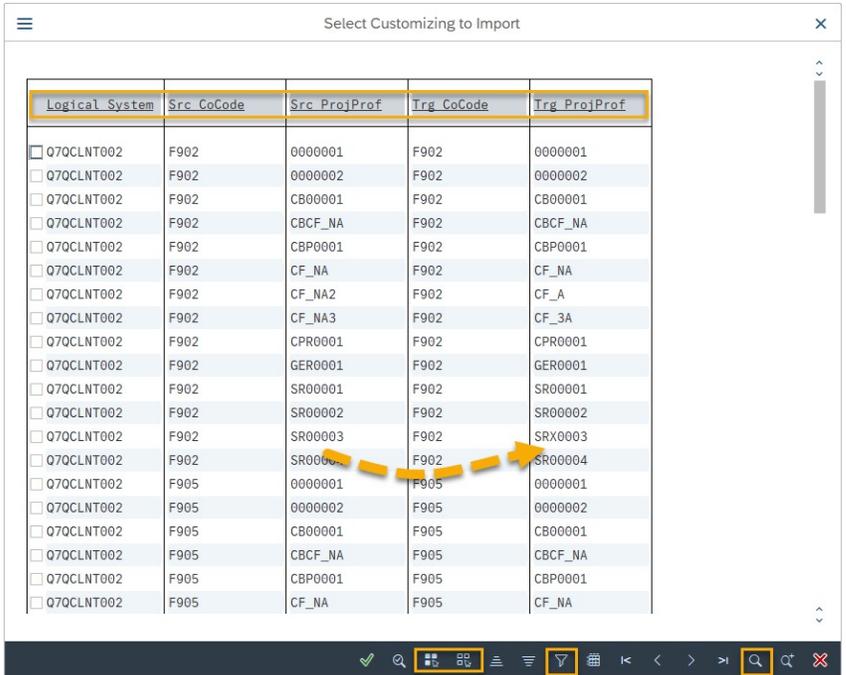
Import Customizing

1 

2 

3 

- IMG Path: Financial Accounting > Central Finance > Central Finance: Target System Settings > Central Budgeting > Settings for Projects
- Choose "Import Customizing"
- Choose source system(s) you would like to import Customizing from
- Select the Customizing entries to be imported
 - Mapping of company code or project profile is taken into account
 - Entries will only be displayed if company code and project profile are available in Central Finance system and there is a working RFC connection

4 

Logical System	Src CoCode	Src ProjProf	Trg CoCode	Trg ProjProf	
<input type="checkbox"/>	070CLNT002	F902	0000001	F902	0000001
<input type="checkbox"/>	070CLNT002	F902	0000002	F902	0000002
<input type="checkbox"/>	070CLNT002	F902	CB00001	F902	CB00001
<input type="checkbox"/>	070CLNT002	F902	CBCF_NA	F902	CBCF_NA
<input type="checkbox"/>	070CLNT002	F902	CBP0001	F902	CBP0001
<input type="checkbox"/>	070CLNT002	F902	CF_NA	F902	CF_NA
<input type="checkbox"/>	070CLNT002	F902	CF_NA2	F902	CF_A
<input type="checkbox"/>	070CLNT002	F902	CF_NA3	F902	CF_3A
<input type="checkbox"/>	070CLNT002	F902	CPR0001	F902	CPR0001
<input type="checkbox"/>	070CLNT002	F902	GER0001	F902	GER0001
<input type="checkbox"/>	070CLNT002	F902	SR00001	F902	SR00001
<input type="checkbox"/>	070CLNT002	F902	SR00002	F902	SR00002
<input type="checkbox"/>	070CLNT002	F902	SR00003	F902	SRX0003
<input type="checkbox"/>	070CLNT002	F902	SR00004	F902	SR00004
<input type="checkbox"/>	070CLNT002	F905	0000001	F905	0000001
<input type="checkbox"/>	070CLNT002	F905	0000002	F905	0000002
<input type="checkbox"/>	070CLNT002	F905	CB00001	F905	CB00001
<input type="checkbox"/>	070CLNT002	F905	CBCF_NA	F905	CBCF_NA
<input type="checkbox"/>	070CLNT002	F905	CBP0001	F905	CBP0001
<input type="checkbox"/>	070CLNT002	F905	CF_NA	F905	CF_NA

Central Budgeting for Projects – Enhancements

Configuration Consistency Checks

Central Finance: Configuration Consistency Check Report

Save as Variant... More

Choose Action

Execute Display Logs

Technical Setting

* Source Logical System:

Option for Consistency Check

Check Group:

Selection Criteria

Source Company Code: to:

Other Controls

Show Errors and Warnings Only:

Groups

Central Budgeting

Central Budgeting for Internal Orders

Central Budgeting for Projects

Long Text with Guidance

- Available Checks
- Central Budgeting for Projects
 - Project Profile: Budget Profile Activation
 - Project Profile: Budget Profile Assignment** NEW
 - Project Profile: Budget Profile Tolerance Limits
 - Project Profile: Central Budgeting Customizing

Configuration Consistency Check Result

▲	Budget profile assigned to project profile differs in source and target.	?
▲	Budget profile assigned to project profile differs in source and target.	?
▲	Budget profile assigned to project profile differs in source and target.	?

Performance Assistant

Budget profile assigned to project profile differs in source and target.

Message no. FINS_CFIN_BC_V158

Diagnosis

You are using *Central Budgeting for Projects* where the governance of budget is shifted from a source system to the Central Finance system. The budget profile ACE001 assigned to project profile ACE0001 in source system differs from budget profile SR0001 assigned to project profile ACE0001 in the Central Finance system.

Attention:

If you have defined a mapping for the budget profile the mapped value from the source system will be compared with the assigned budget profile in the Central Finance system.

Example:

In the source system project profile A has budget profile A assigned. In the Central Finance system project profile A has budget profile A assigned. There is a mapping defined for budget profile A to budget profile B.

-> The consistency check will give a warning that the mapped budget profile B from the source system differs from the assigned budget profile A in the Central Finance system.

If no mapping is defined the consistency check will give no warning, budget profile A from source system does not differ from budget profile A in the Central Finance system.

Project profile in source system: ACE0001

-> Assigned (mapped) budget profile: ACE0001

Project profile in Central Finance system: ACE0001

-> Assigned budget profile: SR0001

System Response

No budget might be determined in the Central Finance system.

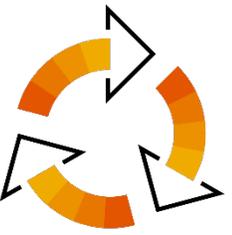
Procedure for System Administration

Please make sure that the budget profiles assigned to project profiles are identical in source and Central Finance system. You can change the budget profile/project profile assignment in activity [Maintain Budget Profile](#) (then choose *Define budget profile/project profile assignment*).

Please also check possible mappings for company code (BUKRS), project profile (PROFIDPROJ) and/or budget profile (BP_BPROFIL) in activity [Maintain Value Mapping](#) or transaction FINS_CFIN_MAP_MANAGE.

Intermediate Data Retention

Stop Recording



Stop Recording in IDR Initial Load OnePager

Value for Users:

System Administrator

Motivation/Background

Enhancement in IDR cockpit to stop the IDR recording after successful go live when reset of initial load is no longer required.

Solution/Feature

- *New option in the program **Manage Intermediate Data Retention***
- *Enhancement in the deletion programs to delete all IDR recorded data*
- *Record only data relevant for IDR initial load (for example, no data for balance period)*

Business Benefit

Reduced costs by not recording and storing data that is no longer required

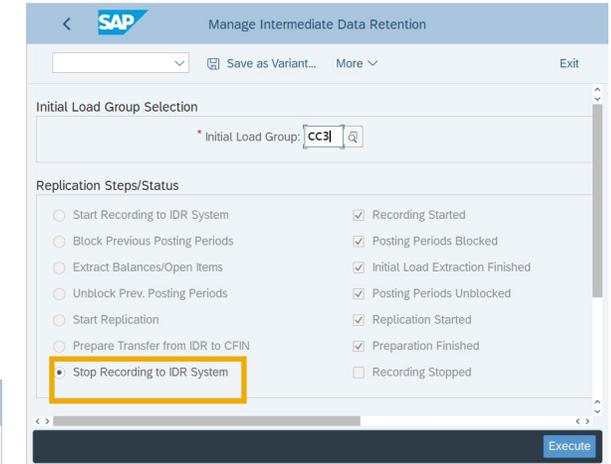
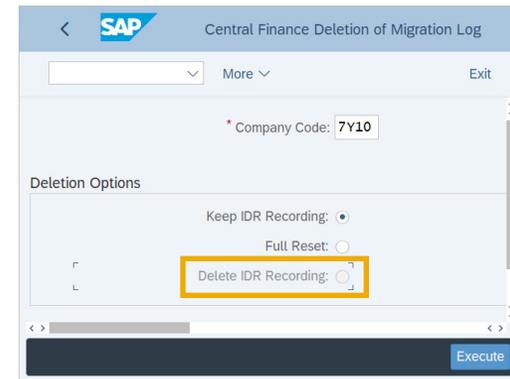
The screenshot shows the SAP interface for 'Manage Intermediate Data Retention'. At the top, there is a navigation bar with the SAP logo and the title 'Manage Intermediate Data Retention'. Below this, there is a search bar and buttons for 'Save as Variant...' and 'More'. The main content area is divided into sections. The first section is 'Initial Load Group Selection', which contains a text input field with the value 'CC3' and a search icon. The second section is 'Replication Steps/Status', which contains a list of steps with checkboxes. The 'Stop Recording to IDR System' option is selected and highlighted with a yellow box. The 'Execute' button is located at the bottom right of the interface.

Replication Steps/Status	Checkbox
<input type="radio"/> Start Recording to IDR System	<input checked="" type="checkbox"/> Recording Started
<input type="radio"/> Block Previous Posting Periods	<input checked="" type="checkbox"/> Posting Periods Blocked
<input type="radio"/> Extract Balances/Open Items	<input checked="" type="checkbox"/> Initial Load Extraction Finished
<input type="radio"/> Unblock Prev. Posting Periods	<input checked="" type="checkbox"/> Posting Periods Unblocked
<input type="radio"/> Start Replication	<input checked="" type="checkbox"/> Replication Started
<input type="radio"/> Prepare Transfer from IDR to CFIN	<input checked="" type="checkbox"/> Preparation Finished
<input checked="" type="radio"/> Stop Recording to IDR System	<input type="checkbox"/> Recording Stopped

Stop Recording in IDR Initial Load

Details

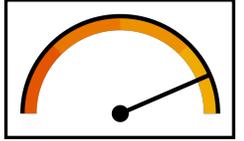
- New option *Stop Recording to IDR system* in report *Manage Intermediate Data Retention*, which stops recording of data to IDR persistency
- New option *Delete IDR Recording* to delete all IDR recorded data in source and IDR system
- Report only data relevant for IDR document load, for example, no data belonging to balance periods



Improved display of error messages in the Consistency Check Report

Error Message Display for Consistency Check Report

One Pager



Value for Users:

Central Finance System Administrator, external or internal users who are in charge of Central Finance implementation and operation.

Motivation/Background

Part of results from consistency check cannot display the specific company code the error message belongs to.

Solution/Feature

Group consistency check error messages by organizational hierarchy, like company code or controlling area.

Business Benefit

Reduce effort by analyzing consistency check error messages more efficiently.

Central Finance: Configuration Consistency Check Result

0 3 0 0

Checked Objects	Nu...	Typ	Message Text
• Internal Processing Key: Posting Indicator	114		
• Internal Processing Key: Tax Type	114		
• Internal Procg Key: "Tax Not Rel. to Cash D	114		
• Tax Code: "Discount Base Amount is Net Va	75		
• Company Code: F001	36		
• Company Code: F002	3		
• Company Code: F101	36		
• Tax Code: "Error Message for Invalid Tax A	75		
• Company Code: F001	36		
• Company Code: F002	3		
• Company Code: F101	36		
• Tax Code: "New Deferred Tax Code" Indica	75		
• Company Code: F001	36		
• Company Code: F002	3		
• Company Code: F101	36		

Typ	Message Text
•	Indicator "Net Discount Base" does not match in source and target
•	Indicator "Net Discount Base" does not match in source and target
•	Indicator "Net Discount Base" does not match in source and target

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