#SITBCN 2020

2nd of October

BARCELONA

SAP Inside Track

Group Reporting in SAP S/HANA 1909

Daniel Mateo

SAP S/4HANA Project Lead

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Group Reporting in SAP S/HANA 1909

BARCELONA
SAP Inside Track

AGENDA

1. Self introduction
2. Basic concepts, features and processes
3. Main configuration and master data elements
4. Process flow within SAP S/4HANA 1909

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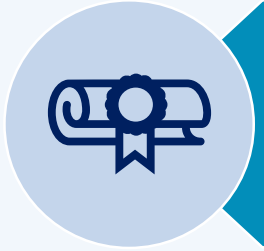
DANIEL MATEO - SAP S/4HANA Project Lead

+ 13 years experience in SAP financial accounting and controlling modules (FICO)



Professional certifications: SAP Activate Project Manager, SAP S/4HANA Financial Accounting, Project Manager Professional (PMP), ITIL…

7 SAP Rollouts in America, 8 in Europe, 1 SAP S/4HANA Greenfield implementation and 1 Global Upgrade

Group Reporting in SAP S/HANA 1909

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Group Reporting in SAP S/HANA 1909

WHAT IS GROUP REPORTING?

SAP S/4 HANA
GROUP REPORTING

New consolidation solution delivered on SAP S/4HANA 1809

- Integrated with SAP S/4HANA Finance
- Cloud
  On-Premise
- Capabilities for local and group accounting and reporting

Group Reporting in SAP S/HANA 1909

MAIN FEATURES

SAP S/4HANA database

- Real-time
- Speeds up the closing
- No need of an ETL between transaction system and consolidation system

FS Items

- Financial Statement Items replace the Group Chart of Accounts
- Operating Chart of Accounts not affected

Validation

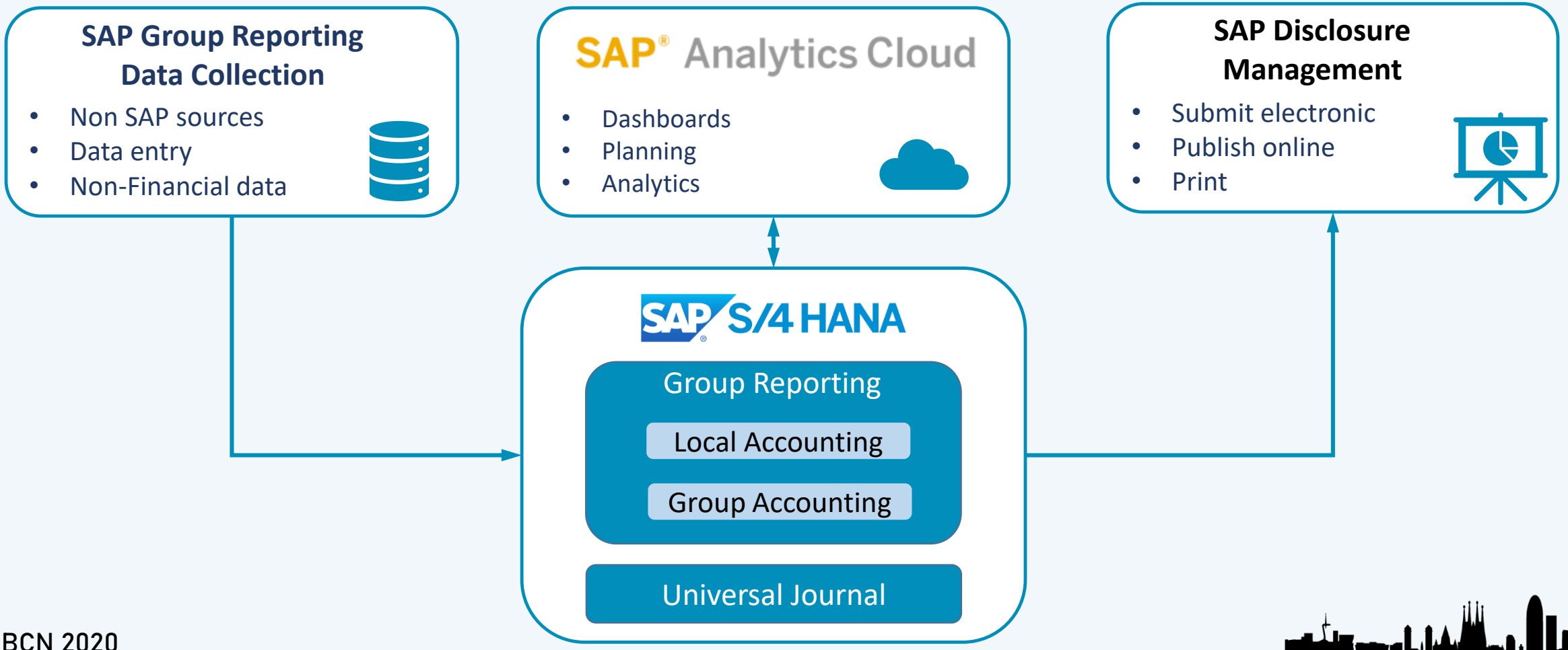
- Predefined rules for automatic interunit eliminations and data validation
- Local and group closing share the same master data and rules

Reporting

- User friendly Fiori Reports
- Desired breakdown items
- Drill down to operational accounting

Group Reporting in SAP S/HANA 1909

SYSTEM INTEGRATION



Group Reporting in SAP S/HANA 1909

BASIC FLOW

DATA COLLECTION

- Direct S/4HANA access
- Integration with non SAP solutions
- Data Entry

DATA PREPARATION

- Currency conversion
- Validation
- Manual adjustments

CONSOLIDATION

- Intercompany elimination
- Investment consolidation
- Versioning & Simulation

REPORTING

- SAP Group Reporting
- SAP Analytics Cloud
- Disclosure Manag.
- Embedded Analytics
- Analysis MS Office

GROUP REPORTING vs BPC 11.1

- Already SAP S/4HANA Finance
- It is the most important source for the financial data

→ SAP S/4 HANA GROUP REPORTING + SAP Analytics Cloud

- Large number of source systems
- Looking for a on-premise solution for consolidation (planning/budgeting)

→ SAP BPC 11.1

Group Reporting in SAP S/HANA 1909

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SAP Inside Track

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GROUP REPORTING OBJECTS

- Data Model
- Customizable Objects
- Master Data Objects

DATA MODEL

SOURCE TABLES
• **ACDOCA**: Universal Journal Entry. Contain actual postings • **ACDOCP**: Plan Data Line Items

GROUP REPORTING TABLES
• **ACDOCU:** Universal Consolidation Journal Entries • **FINCS*:** Configuration Tables to Group Reporting

Group Reporting in SAP S/HANA 1909

DATA MODEL

SOURCE TA

- **ACDOCA**: Universal Jou
  Contain actual posting
- **ACDOCP**: Plan Data Lir

Transparent Table: ACDOCU — Active

Short Description: SAP Universal Consolidation Journal Entries

Attributes | Delivery and Maintenance | Fields | Input Help/Check | Currency/Quantity Fields | Indexes

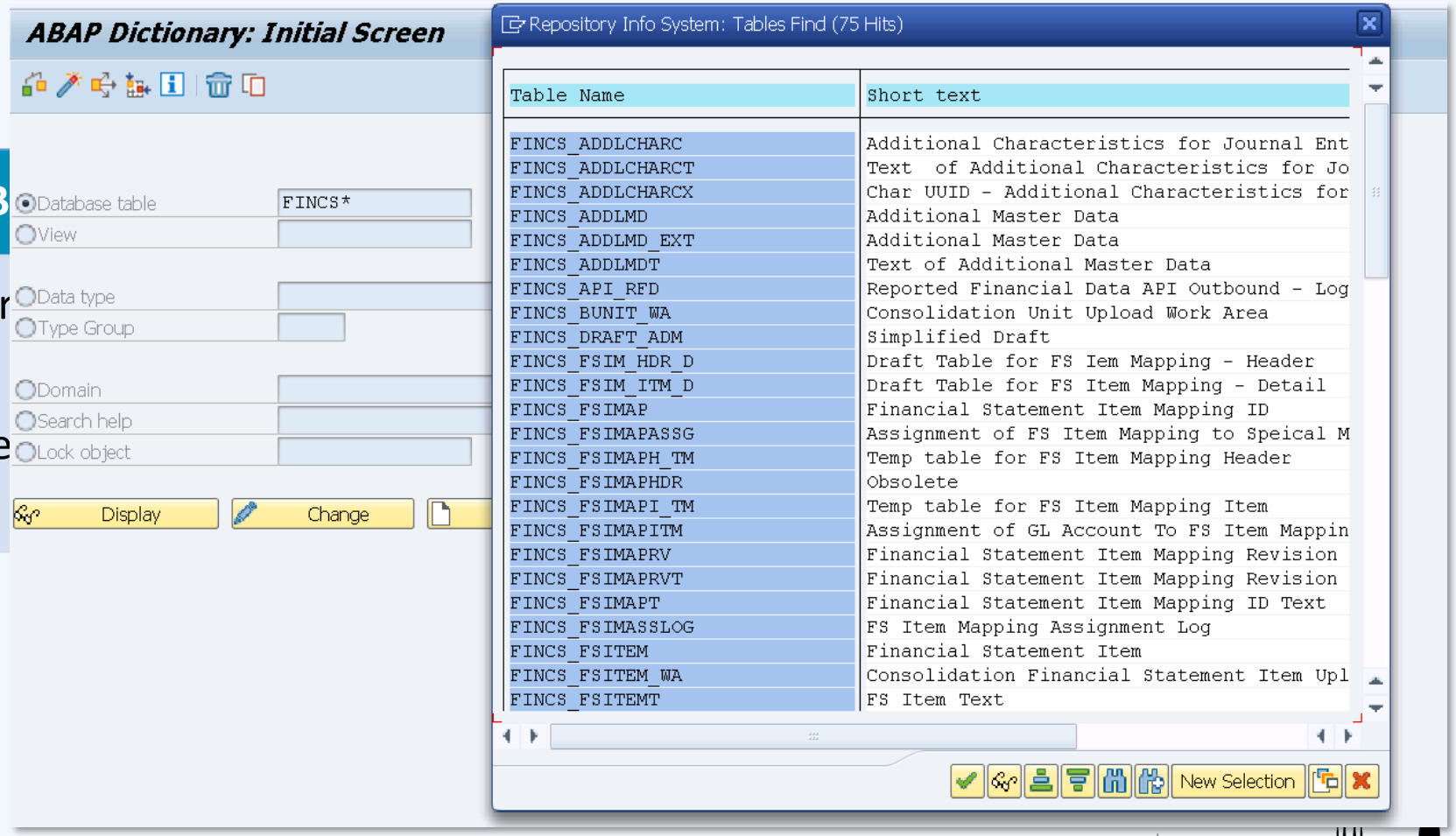
Search | Built-In Type | 1 / 104

Field	Key	Init...	Data element	Data Type	Length	Decim...	Coordinate	Short Description
RCLNT	☑	☑	MANDT	CLNT	3	0	0	Client
RLDNR	☑	☑	RLDNR	CHAR	2	0	0	Ledger
RDIMEN	☑	☑	FC_DIMEN	CHAR	2	0	0	Dimension
RYEAR	☑	☑	GJAHR	NUMC	4	0	0	Fiscal Year
DOCNR	☑	☑	BELNR_D	CHAR	10	0	0	Accounting Document Number
DOCLN	☑	☑	DOCLN6	CHAR	6	0	0	Six-Character Posting Item for Ledger
RRCTY	☐	☑	FC_RRCTY	CHAR	1	0	0	Record Type
RVERS	☐	☑	FC_RVERS	CHAR	3	0	0	Consolidation (end-result) version
RTCUR	☐	☑	RTCUR	CUKY	5	0	0	Currency Key
RHCUR	☐	☑	LCURR	CUKY	5	0	0	Currency key of the local currency
RKCUR	☐	☑	GCURR	CUKY	5	0	0	Currency key of the ledger currency
RUNIT	☐	☑	MEINS	UNIT	3	0	0	Base Unit of Measure
POPER	☐	☑	POPER	NUMC	3	0	0	Posting period
FISCYEARPER	☐	☑	FINCS_FISCYEARP…	NUMC	7	0	0	Fiscal Year/Period
DOCCT	☐	☑	DOCCT	CHAR	1	0	0	Document Category
RCOMP	☐	☑	RCOMP_D	CHAR	6	0	0	Company
RBUNIT	☐	☑	FC_BUNIT	CHAR	18	0	0	Consolidation Unit
RITCLG	☐	☑	FC_ITCLG	CHAR	2	0	0	Consolidation Chart of Accounts
RITEM	☐	☑	FC_ITEM	CHAR	10	0	0	Financial Statement Item

DATA MODEL

SOURCE TAB

- **ACDOCA**: Universal Jour
  Contain actual postings
- **ACDOCP**: Plan Data Line

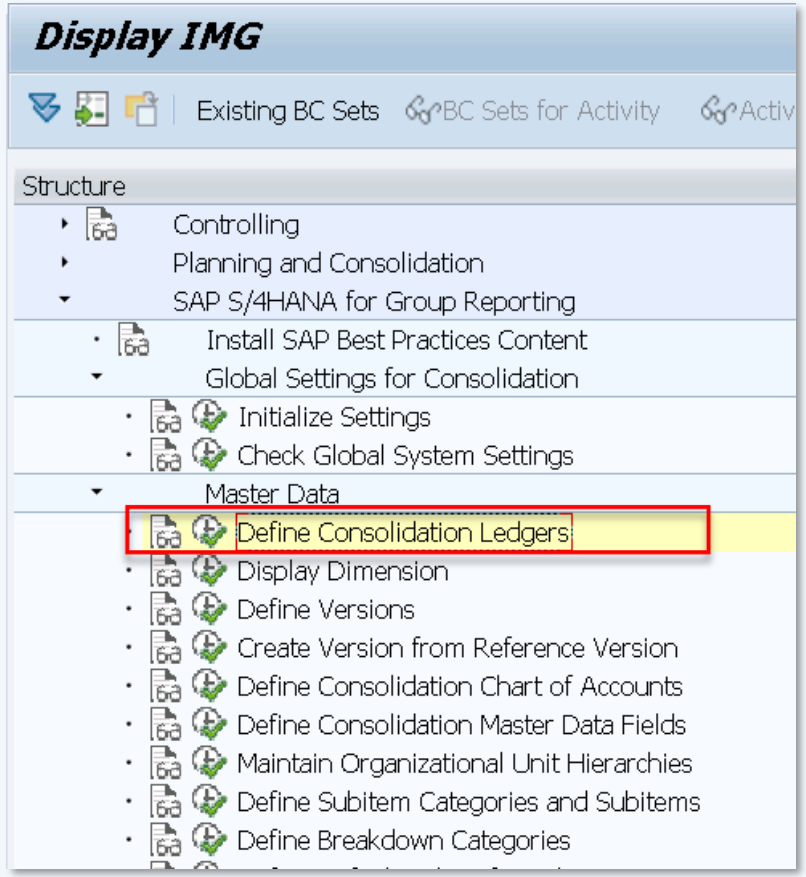


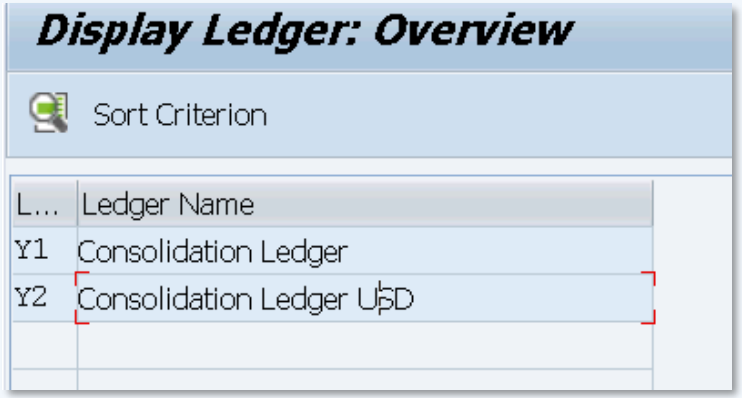
CUSTOMIZABLE OBJECTS

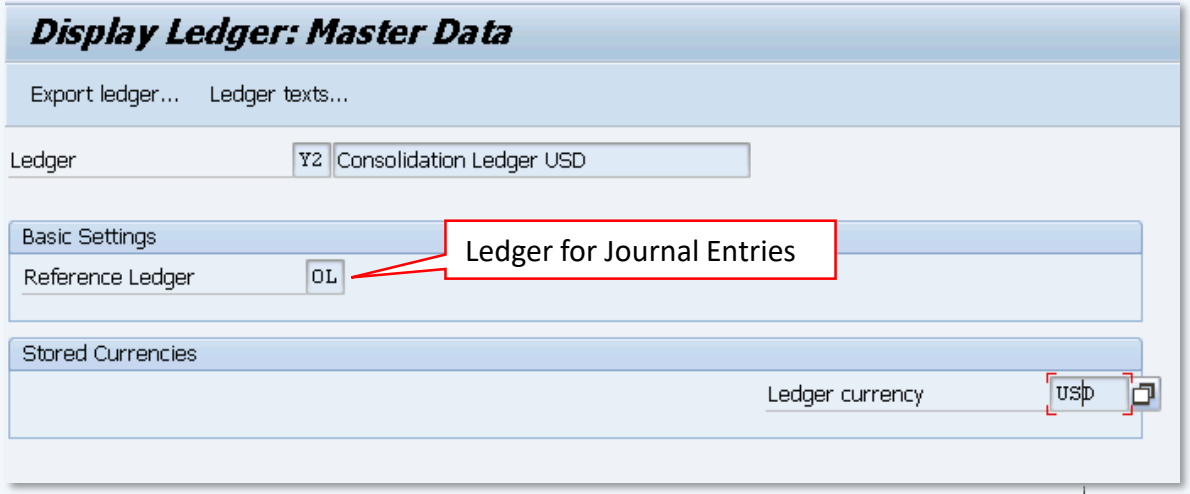
- Consolidation Ledger
- Consolidation Dimension
- Consolidation Version
- Breakdown category
- Subitem category
- Document Type
- Task
- Task Group

Consolidation Ledger

Customizable Objects

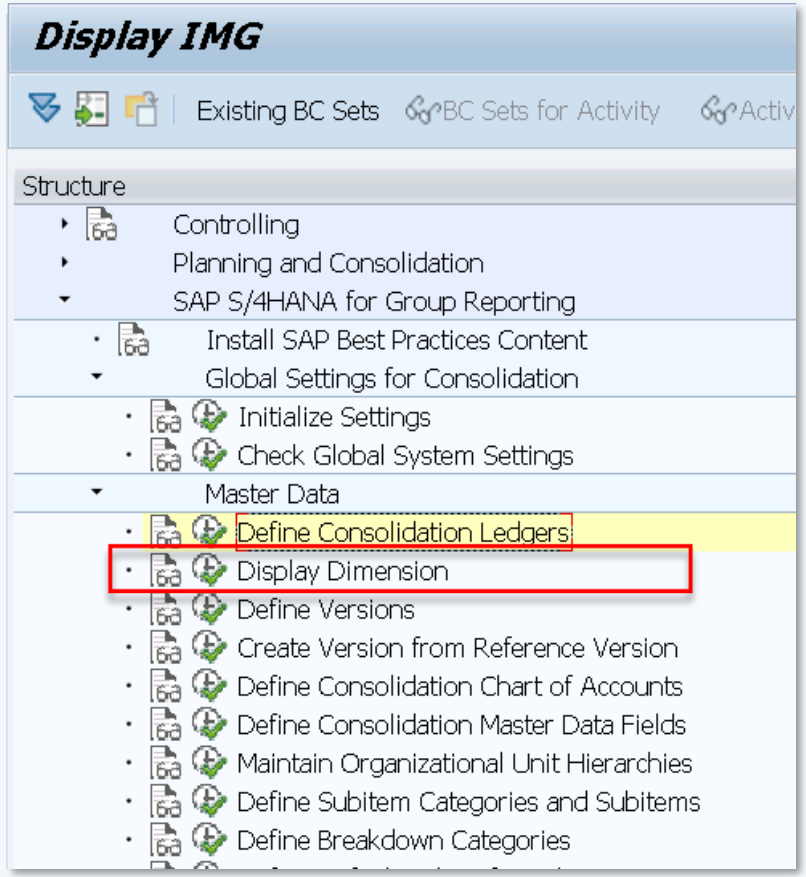


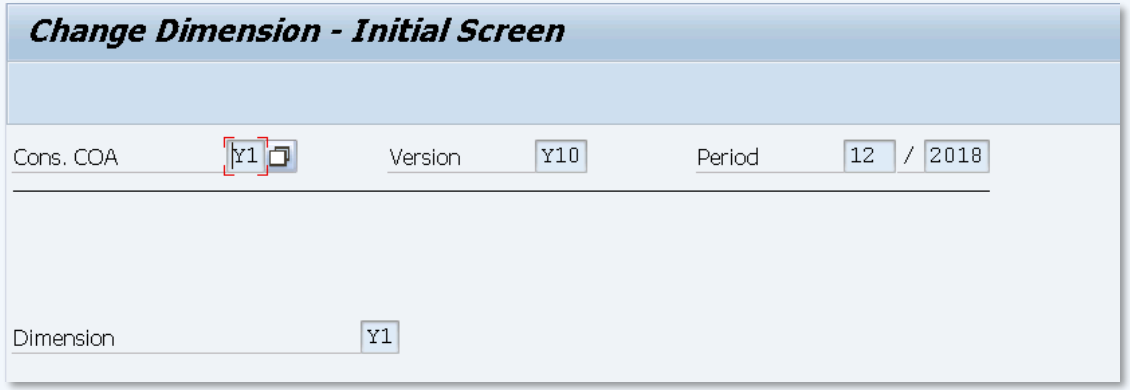


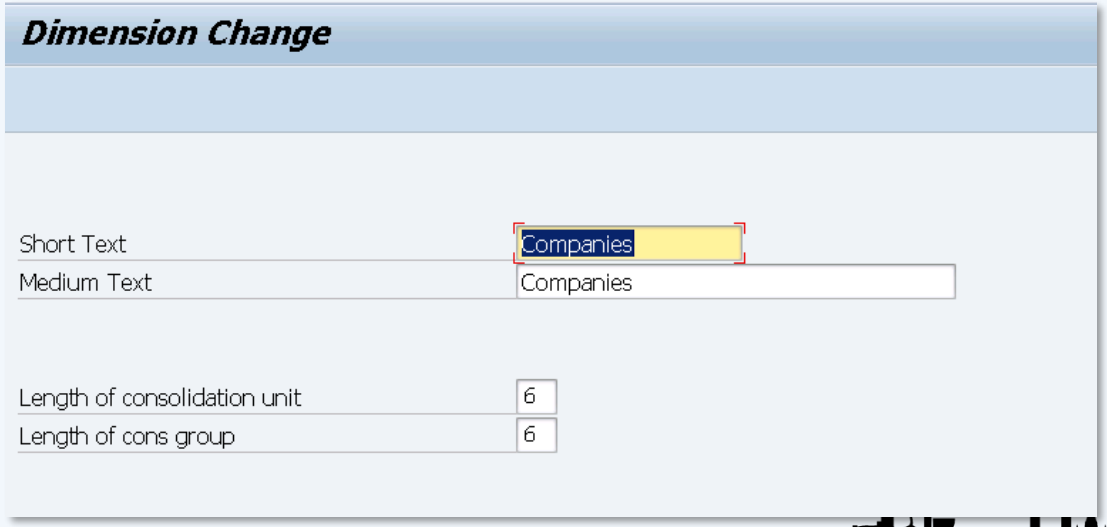


Consolidation Dimension

Customizable Objects



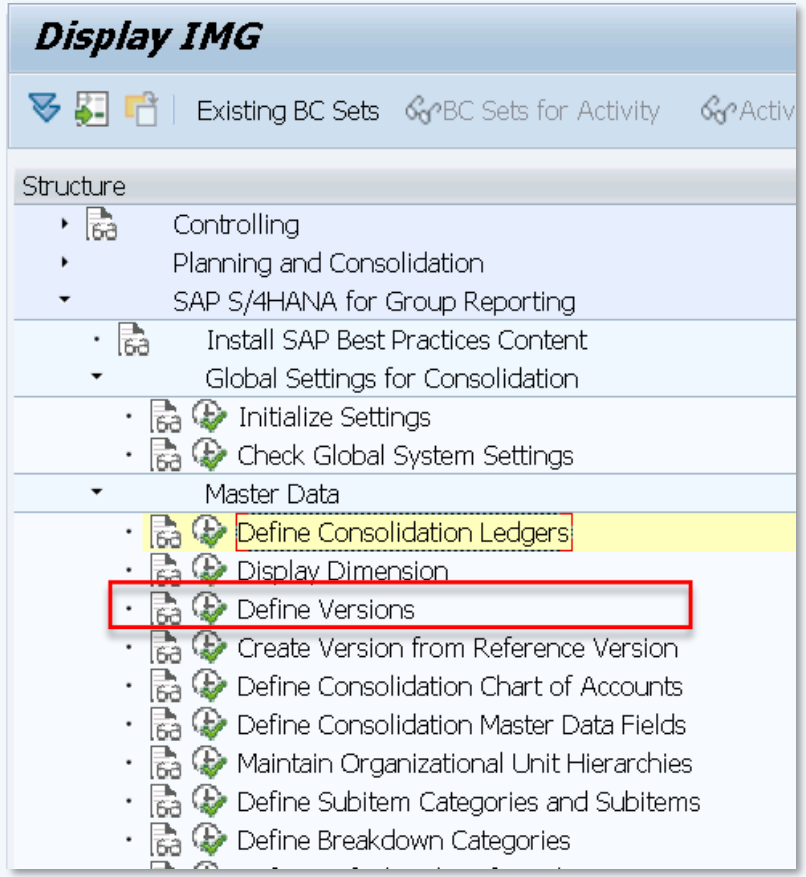


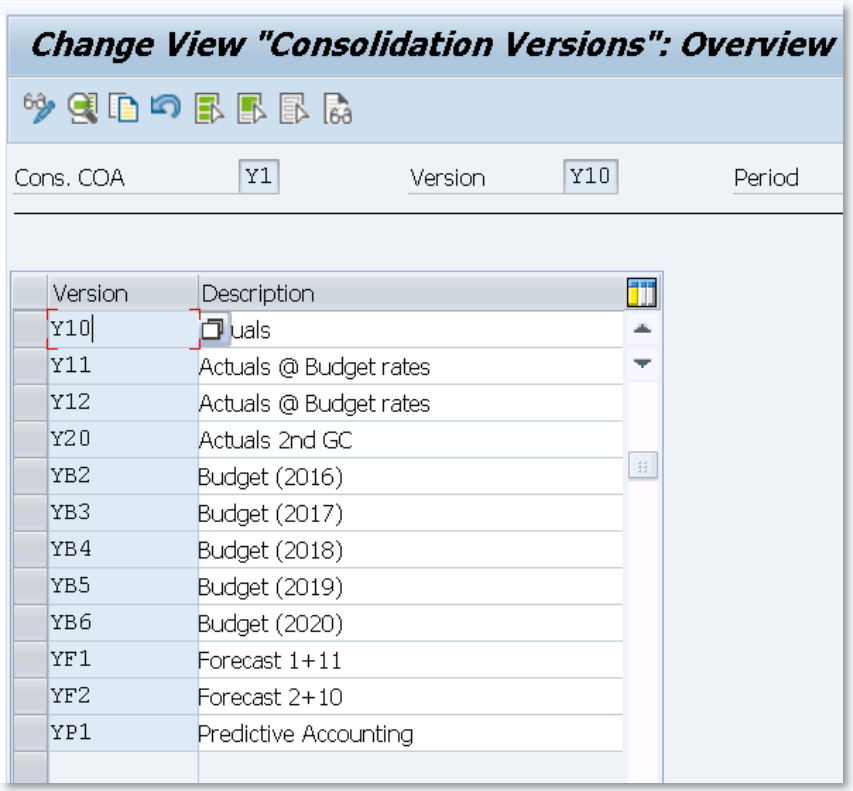


Group Reporting in SAP S/HANA 1909

Consolidation Version

Customizable Objects

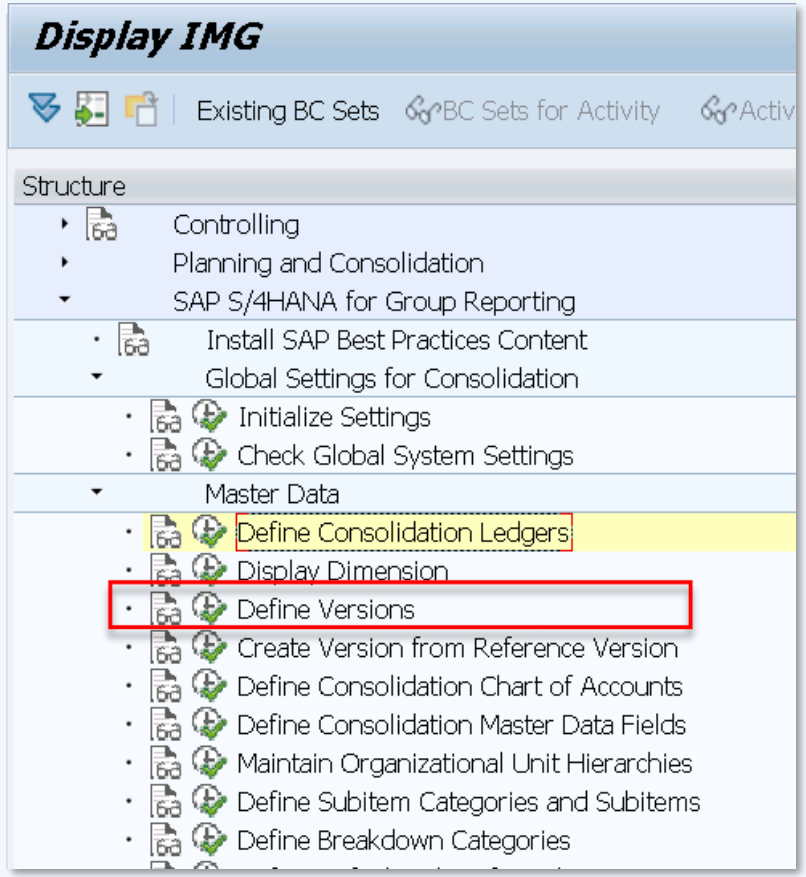




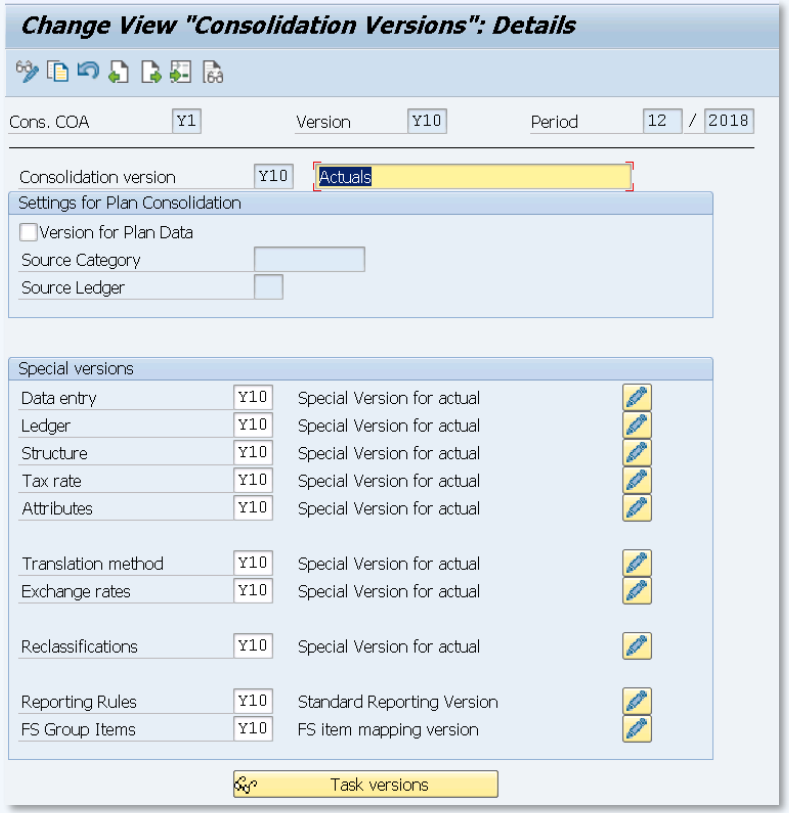
Group Reporting in SAP S/HANA 1909

Consolidation Version

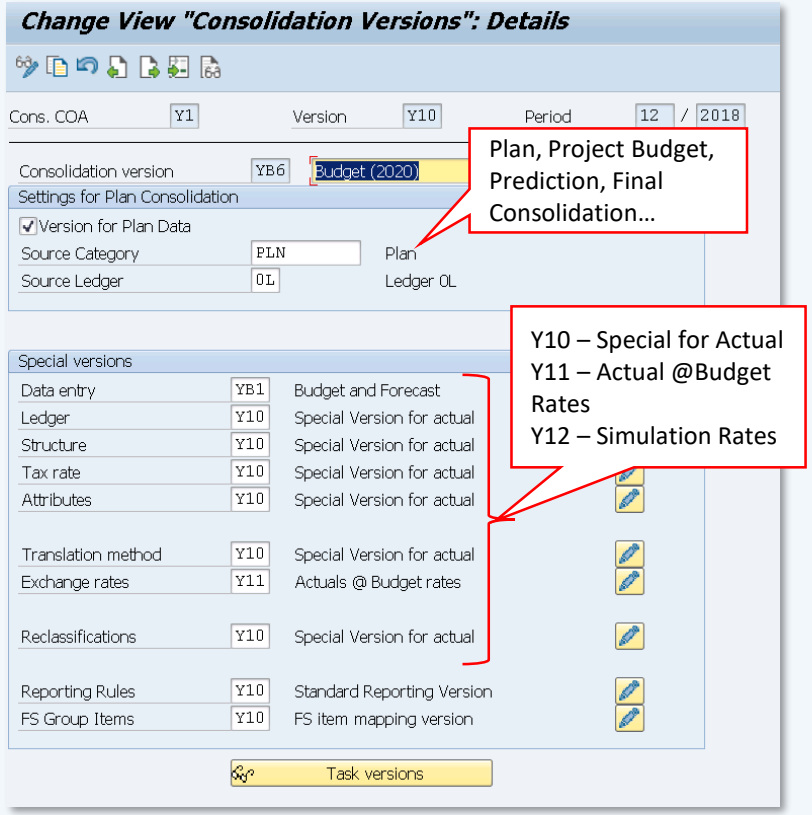
Customizable Objects



Actual version



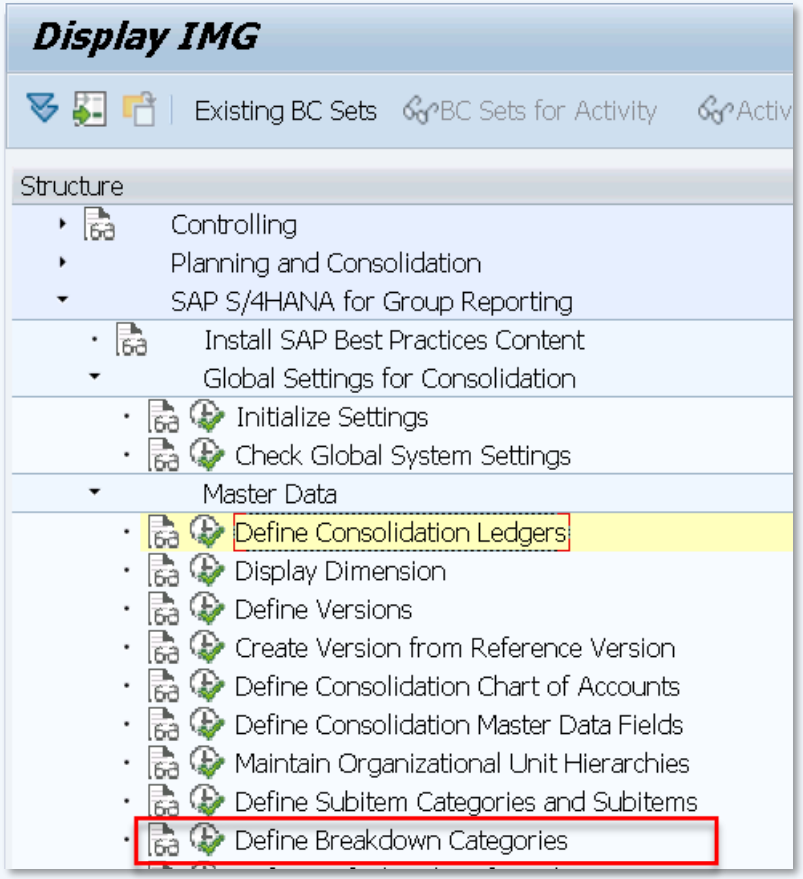
Bugdet version

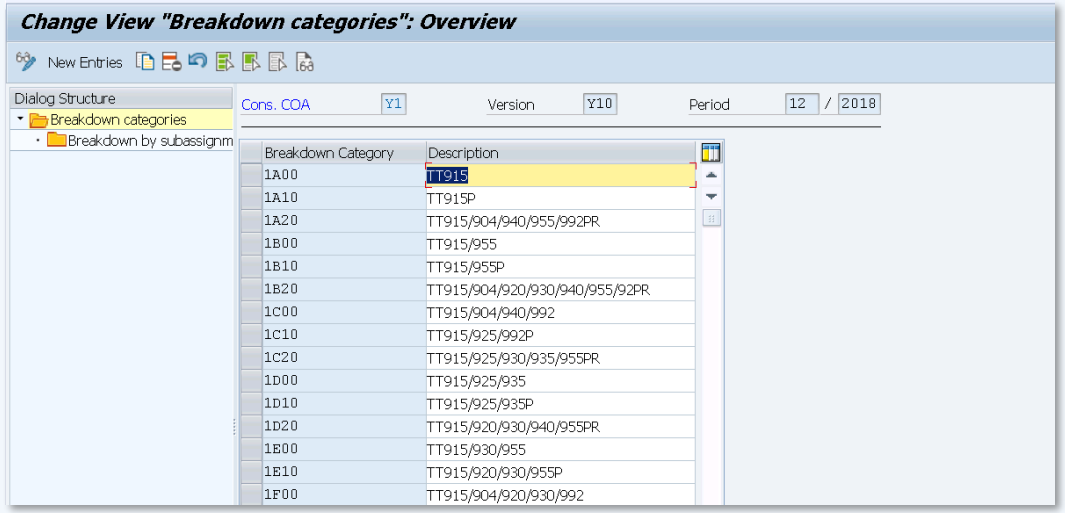


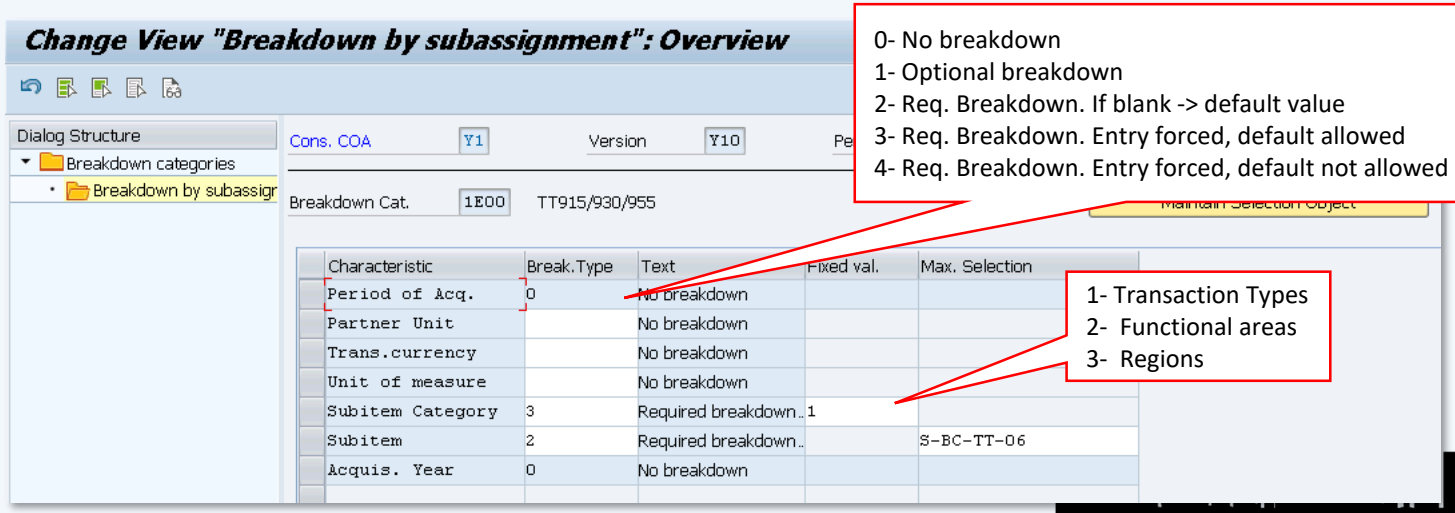
Group Reporting in SAP S/HANA 1909

Breakdown Category

Customizable Objects







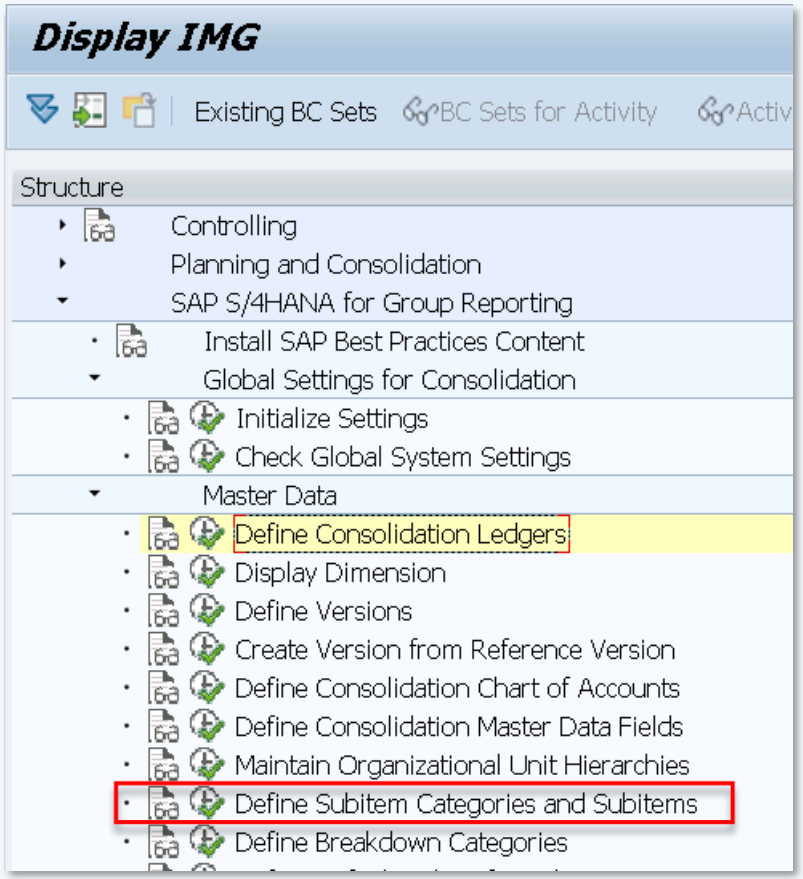
0- No breakdown
1- Optional breakdown
2- Req. Breakdown. If blank -> default value
3- Req. Breakdown. Entry forced, default allowed
4- Req. Breakdown. Entry forced, default not allowed

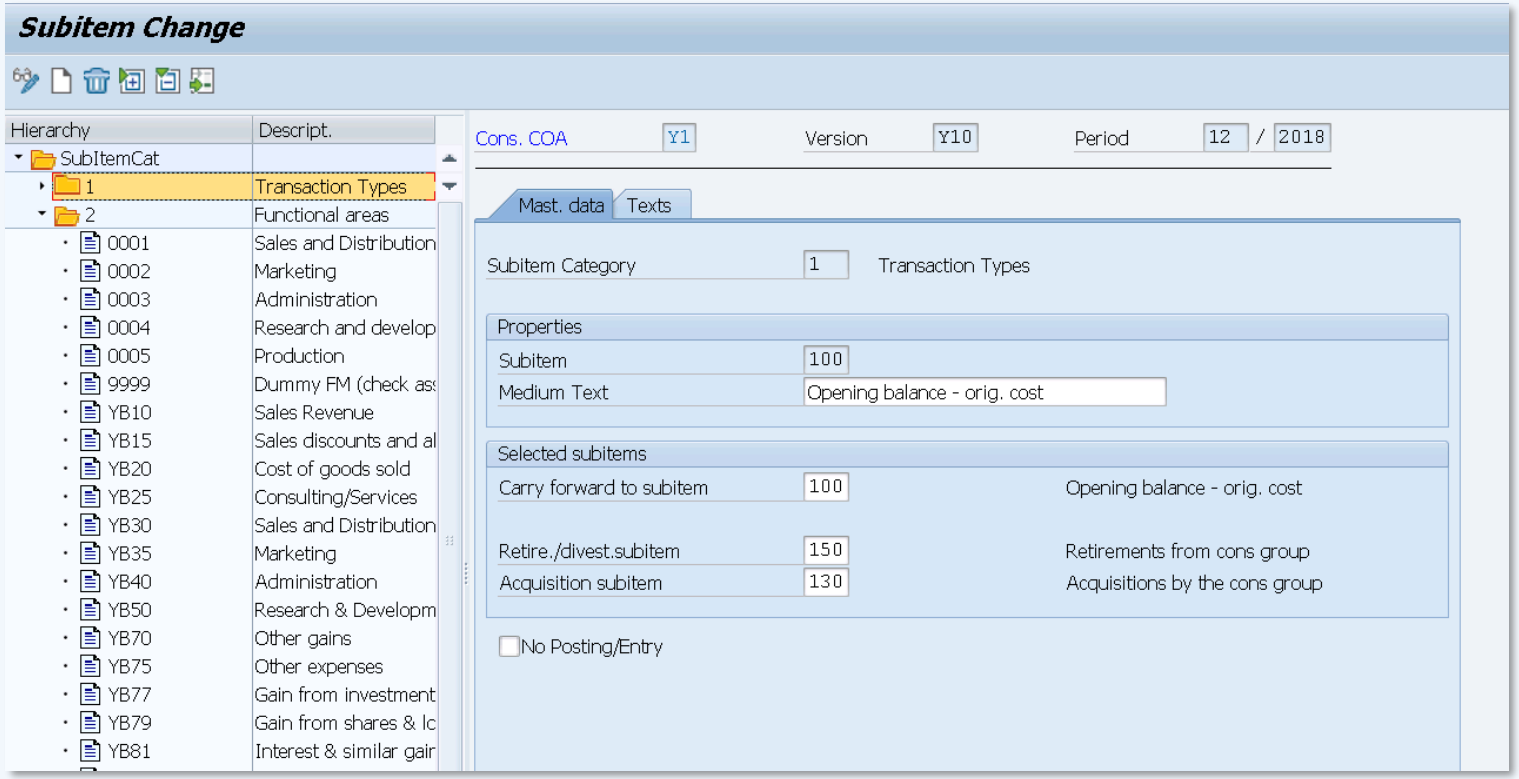
1- Transaction Types
2- Functional areas
3- Regions

Group Reporting in SAP S/HANA 1909

Subitem Category

Customizable Objects

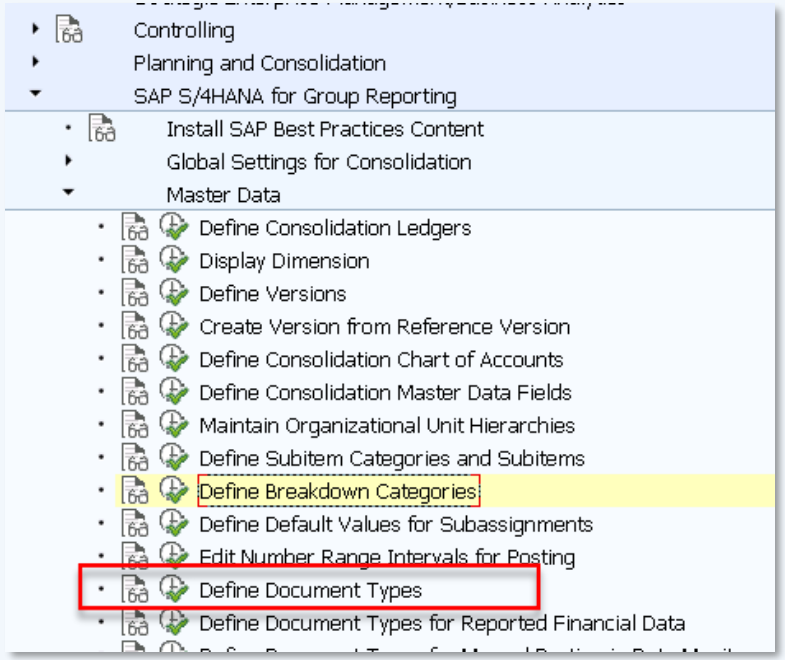


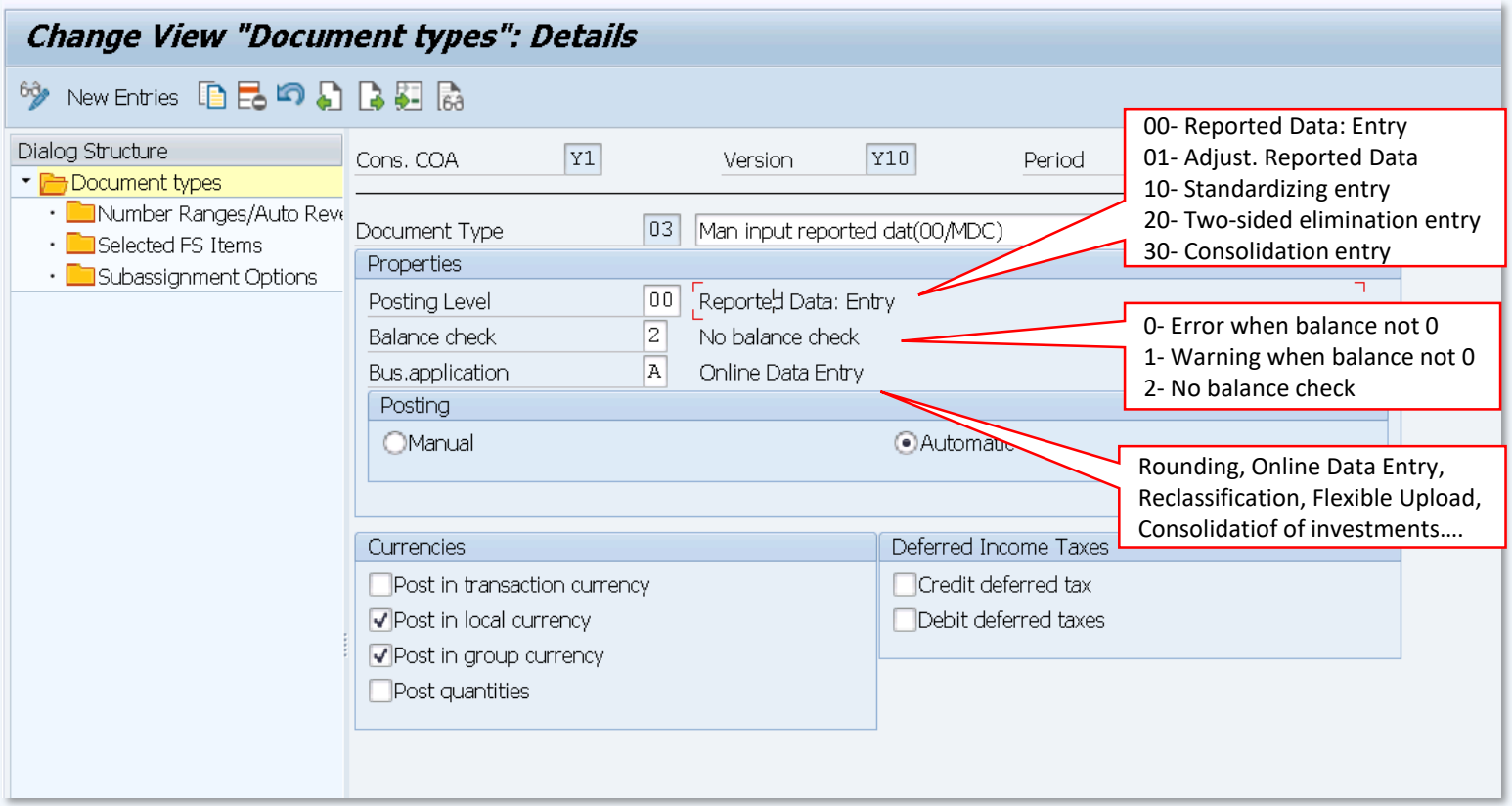


Group Reporting in SAP S/HANA 1909

Document Type

Customizable Objects

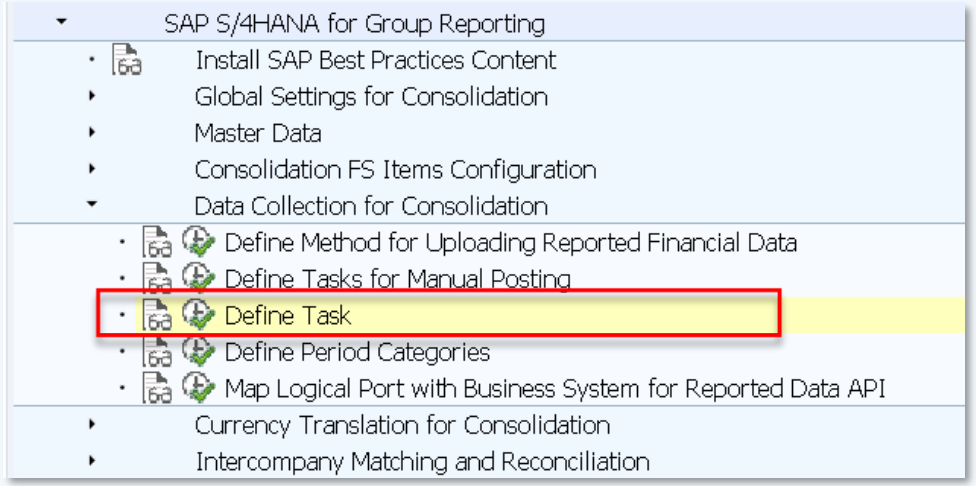




Group Reporting in SAP S/HANA 1909

Task

Customizable Objects



Change View "Consolidation Tasks: Simple Tasks": Overview

New Entries

Cons. COA Y1 Version Y10 Period 12 / 2018

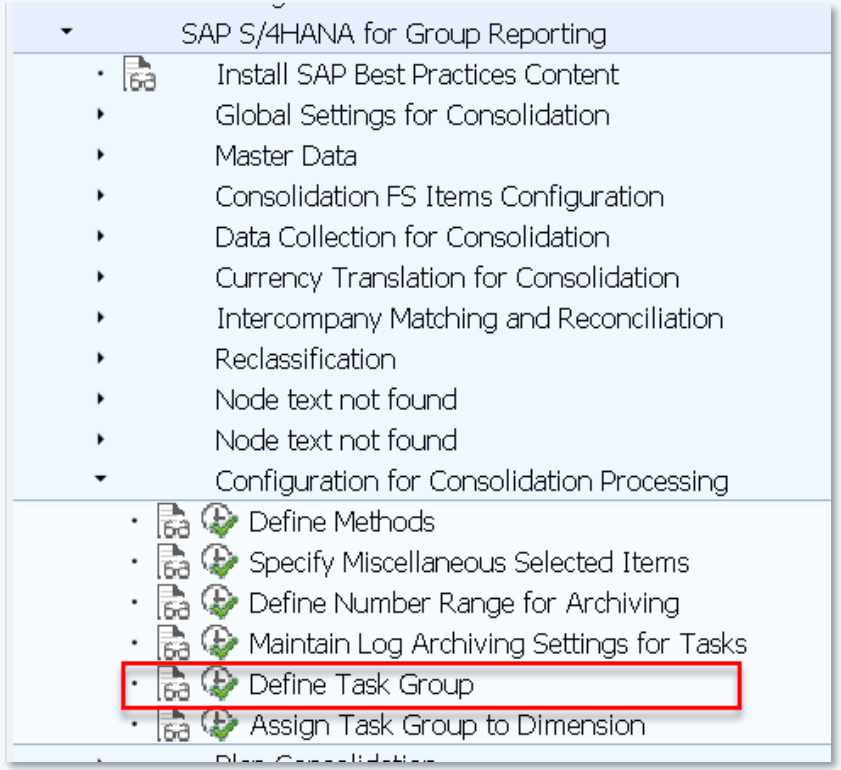
Consolidation Tasks: Simple Tasks

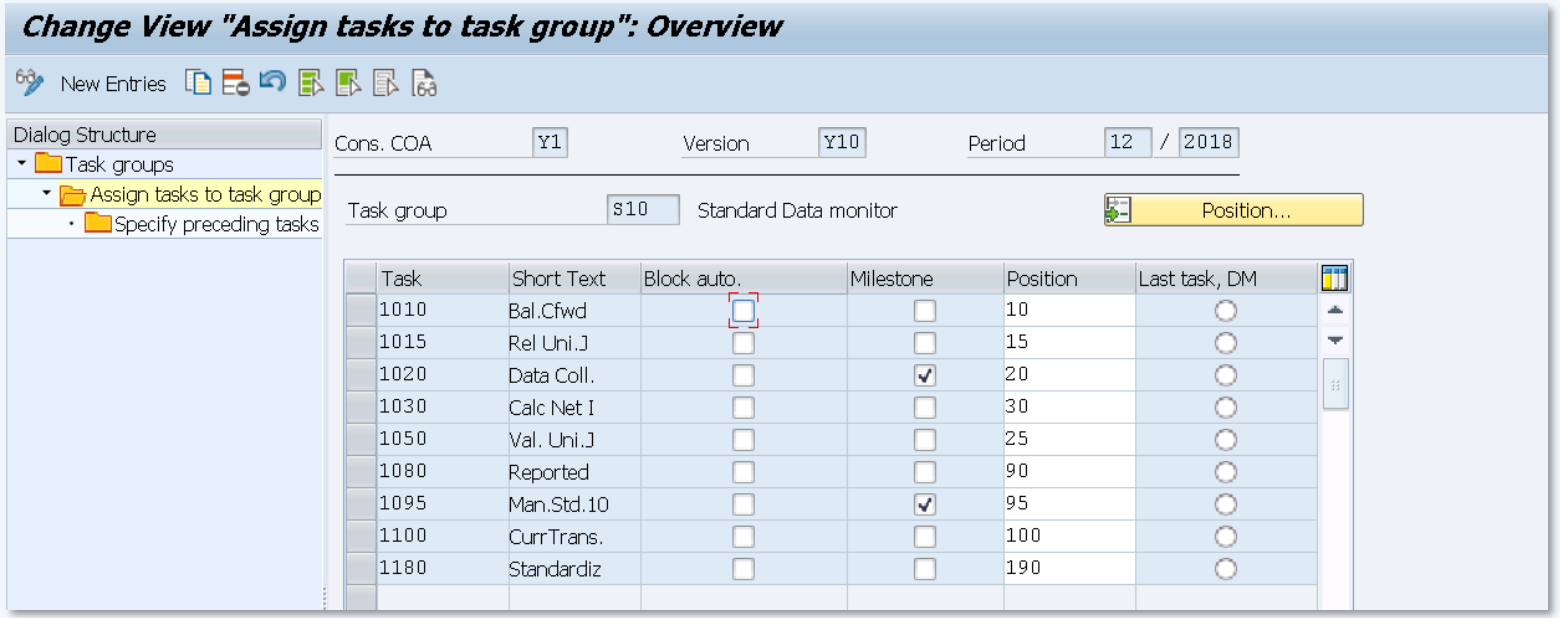
Task	Task category	Short Text	Medium Text
1010	ance Carryforward	Bal.Cfwd	Balance Carryforward
1015	Release of Reported Financi…	Rel Uni.J	Release Universal Journals
1020	Data Collection	Data Coll.	Data Collection
1030	Item Substitution/Retained …	Calc Net I	Calc. Net Income
1050	Validation of Universal Doc…	Val. Uni.J	Validation Universal Journals
1080	Reported Data Validation	Reported	Reported Data Validation
1090	Reported Data Validation	Val. Rep.D	Validation Reported. Data LC
1100	Currency Translation	CurrTrans.	Currency Translation
1180	Standardized Data Validation	Standardiz	Standardized Data Validation
1190	Standardized Data Validation	Val. Std.D	Validation Standardiz. Data GC
2141	Posting of Group Shares	Cal. Grp %	Calculate Group Shares (PL 30)
2190	Validation of Consolidated …	Val Cons.	Validation of Consolidat. Data
2900	Integration in Consolidation…	Int CG dat	Integrate Data into Cons Group
2980	Validation of Consolidated …	Consolidat	Consolidated Data Validation

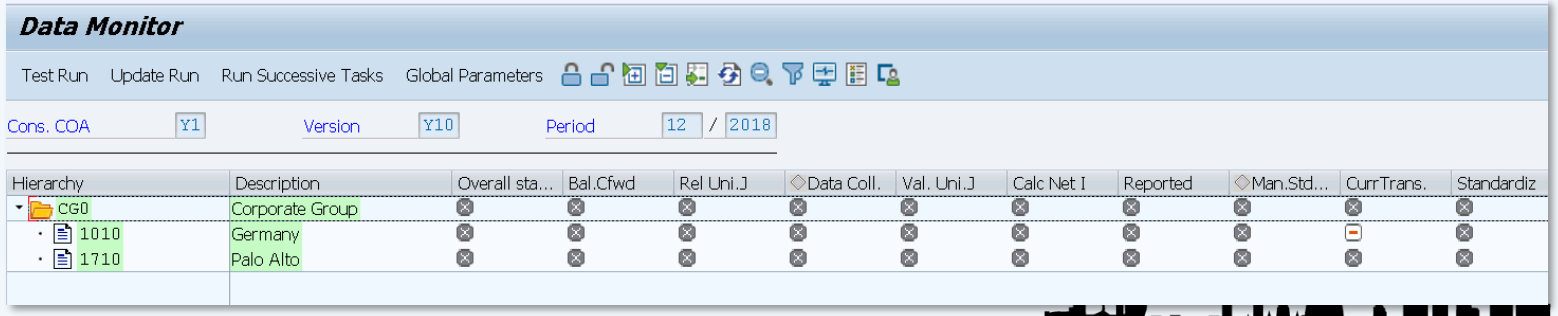
Group Reporting in SAP S/HANA 1909

Task Group

Customizable Objects







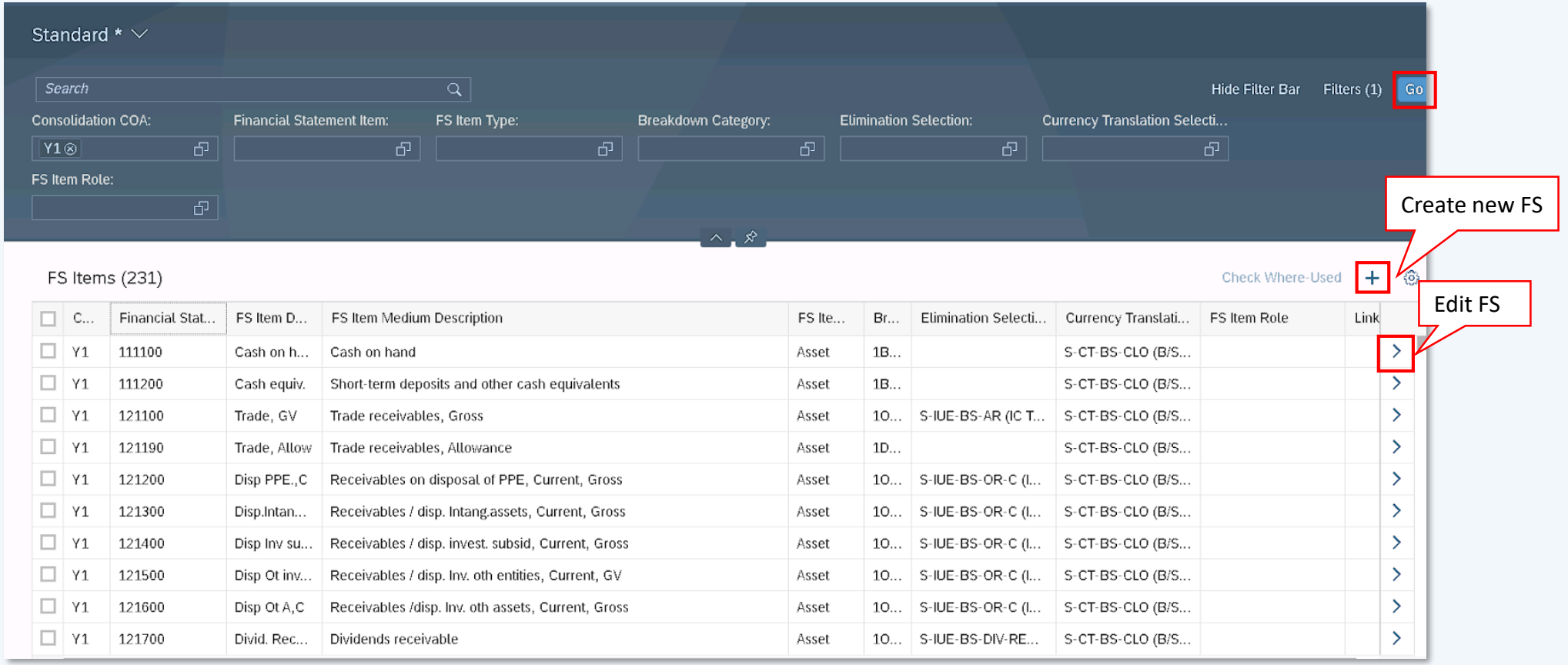
MASTER DATA OBJECTS

Master Data Objects

- Financial Statement (FS) Item
- Consolidation Unit
- Consolidation Group
- Validation rule
- Validation method

Financial Statement (FS) Item

Master Data Objects



C...	Financial Stat...	FS Item D...	FS Item Medium Description	FS Ite...	Br...	Elimination Selecti...	Currency Translati...	FS Item Role	Link
Y1	111100	Cash on h...	Cash on hand	Asset	1B...		S-CT-BS-CLO (B/S...		
Y1	111200	Cash equiv.	Short-term deposits and other cash equivalents	Asset	1B...		S-CT-BS-CLO (B/S...		
Y1	121100	Trade, GV	Trade receivables, Gross	Asset	1O...	S-IUE-BS-AR (IC T...	S-CT-BS-CLO (B/S...		
Y1	121190	Trade, Allow	Trade receivables, Allowance	Asset	1D...		S-CT-BS-CLO (B/S...		
Y1	121200	Disp PPE.,C	Receivables on disposal of PPE, Current, Gross	Asset	1O...	S-IUE-BS-OR-C (I...	S-CT-BS-CLO (B/S...		
Y1	121300	Disp.Intan...	Receivables / disp. Intang.assets, Current, Gross	Asset	1O...	S-IUE-BS-OR-C (I...	S-CT-BS-CLO (B/S...		
Y1	121400	Disp Inv su...	Receivables / disp. invest. subsid, Current, Gross	Asset	1O...	S-IUE-BS-OR-C (I...	S-CT-BS-CLO (B/S...		
Y1	121500	Disp Ot inv...	Receivables / disp. Inv. oth entities, Current, GV	Asset	1O...	S-IUE-BS-OR-C (I...	S-CT-BS-CLO (B/S...		
Y1	121600	Disp Ot A,C	Receivables /disp. Inv. oth assets, Current, Gross	Asset	1O...	S-IUE-BS-OR-C (I...	S-CT-BS-CLO (B/S...		
Y1	121700	Divid. Rec...	Dividends receivable	Asset	1O...	S-IUE-BS-DIV-RE...	S-CT-BS-CLO (B/S...		

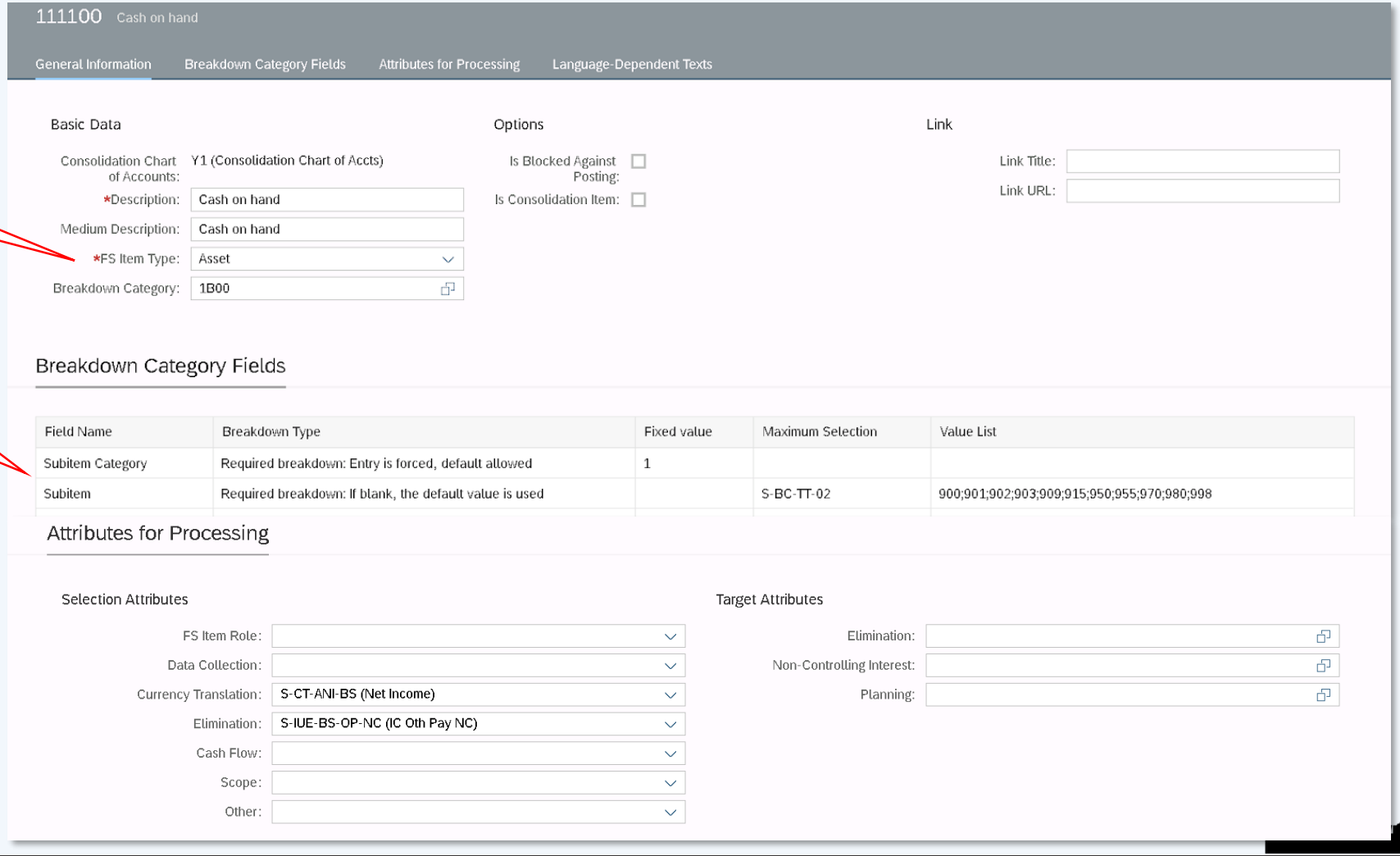
Group Reporting in SAP S/HANA 1909

Financial Statement (FS) Item

Master Data Objects

Asset, Expense, Income, Liabilities and Equity, Reporting Item and Statistical Item

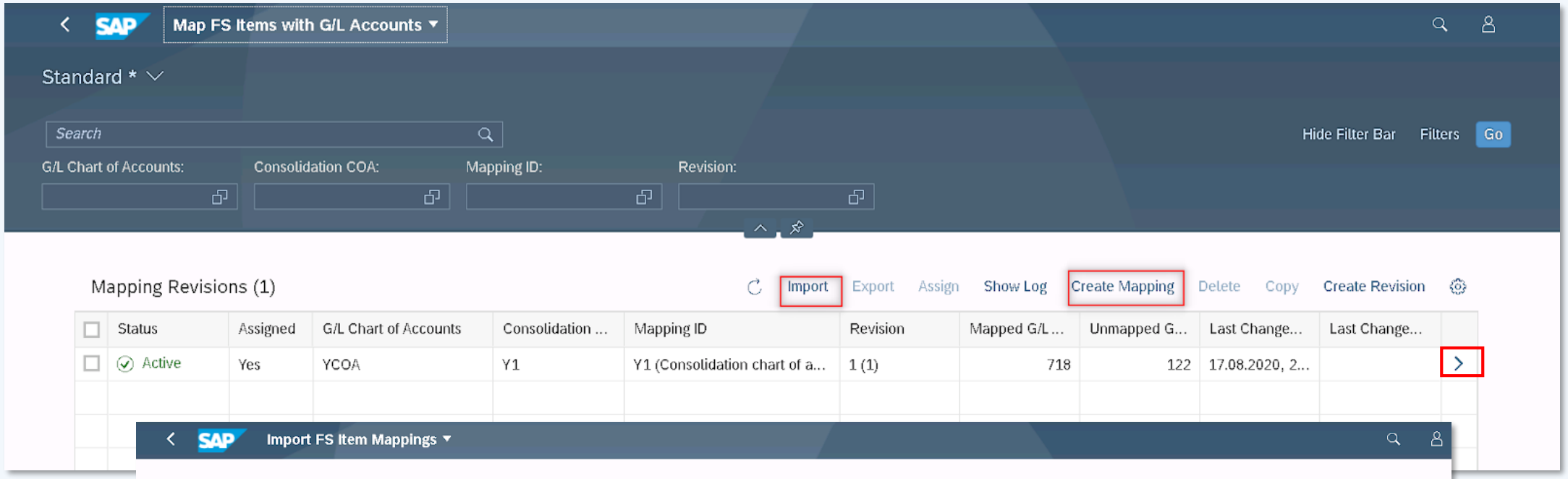
Derived from Breakdown Category

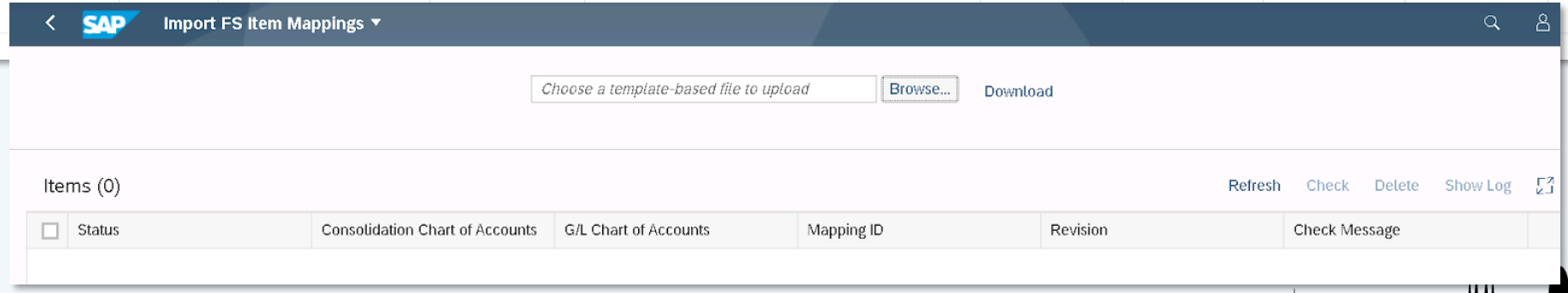


Group Reporting in SAP S/HANA 1909

Financial Statement (FS) Item

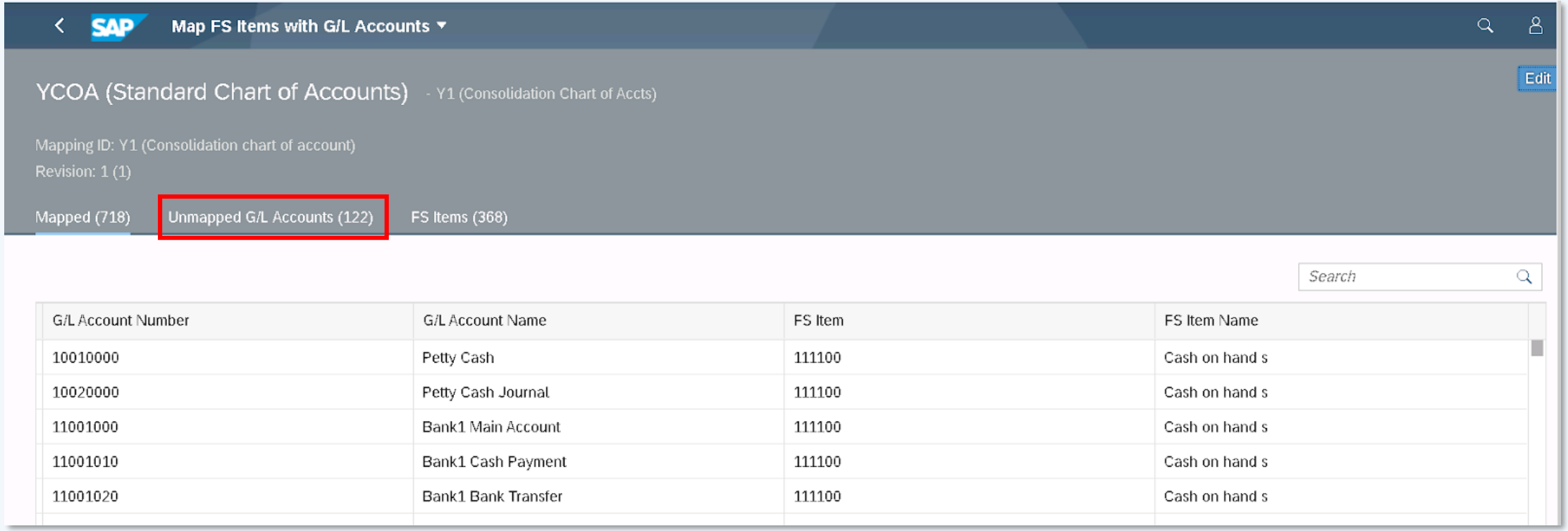
Master Data Objects





Financial Statement (FS) Item

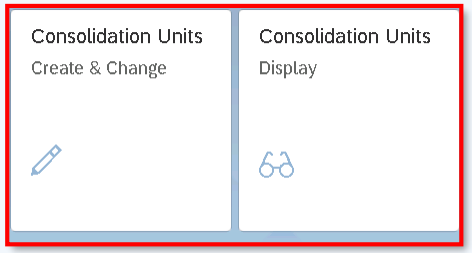
Master Data Objects

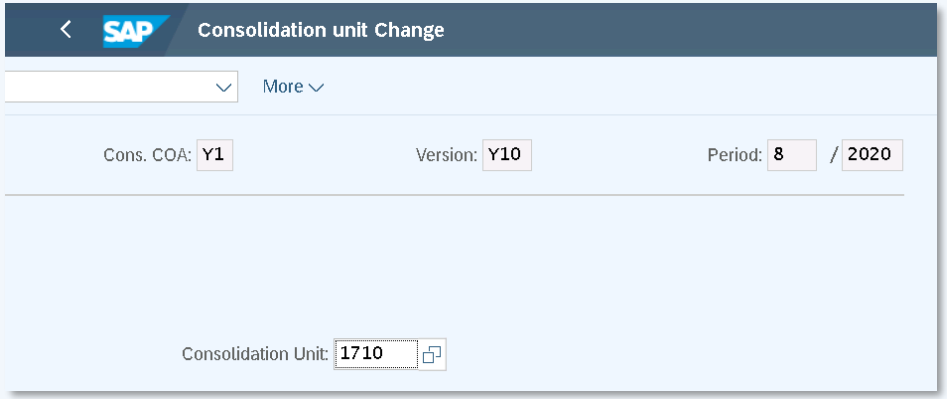


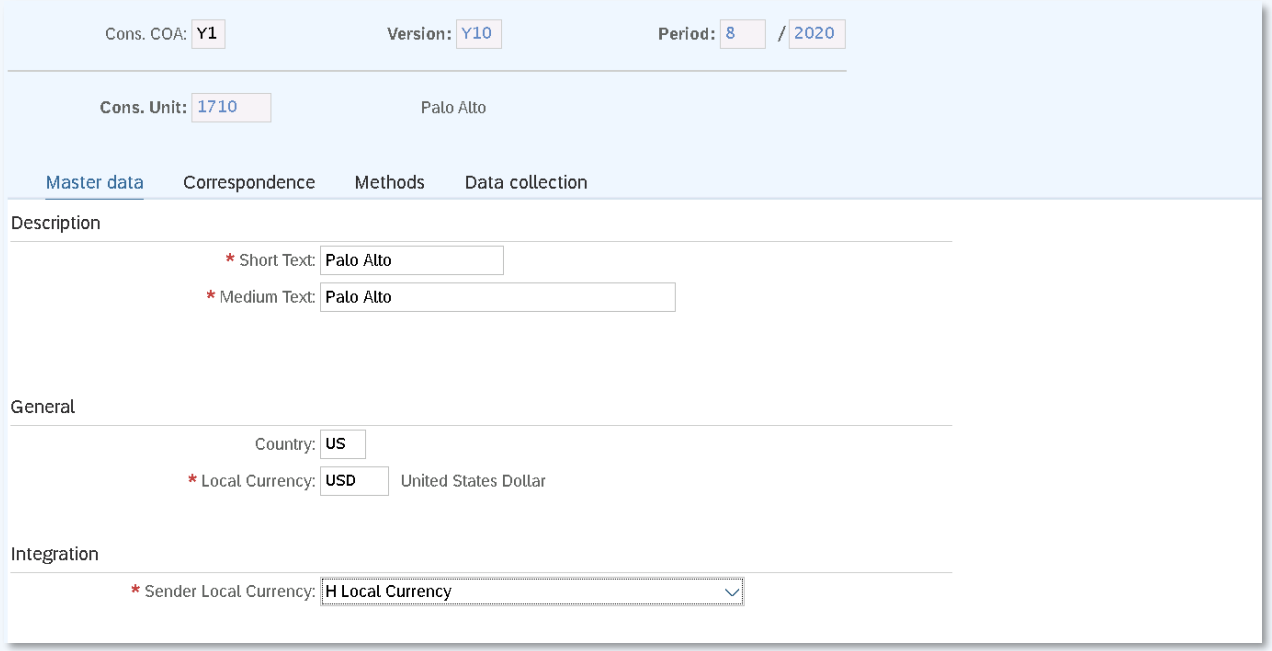
G/L Account Number	G/L Account Name	FS Item	FS Item Name
10010000	Petty Cash	111100	Cash on hand s
10020000	Petty Cash Journal	111100	Cash on hand s
11001000	Bank1 Main Account	111100	Cash on hand s
11001010	Bank1 Cash Payment	111100	Cash on hand s
11001020	Bank1 Bank Transfer	111100	Cash on hand s

Consolidation Unit

Master Data Objects

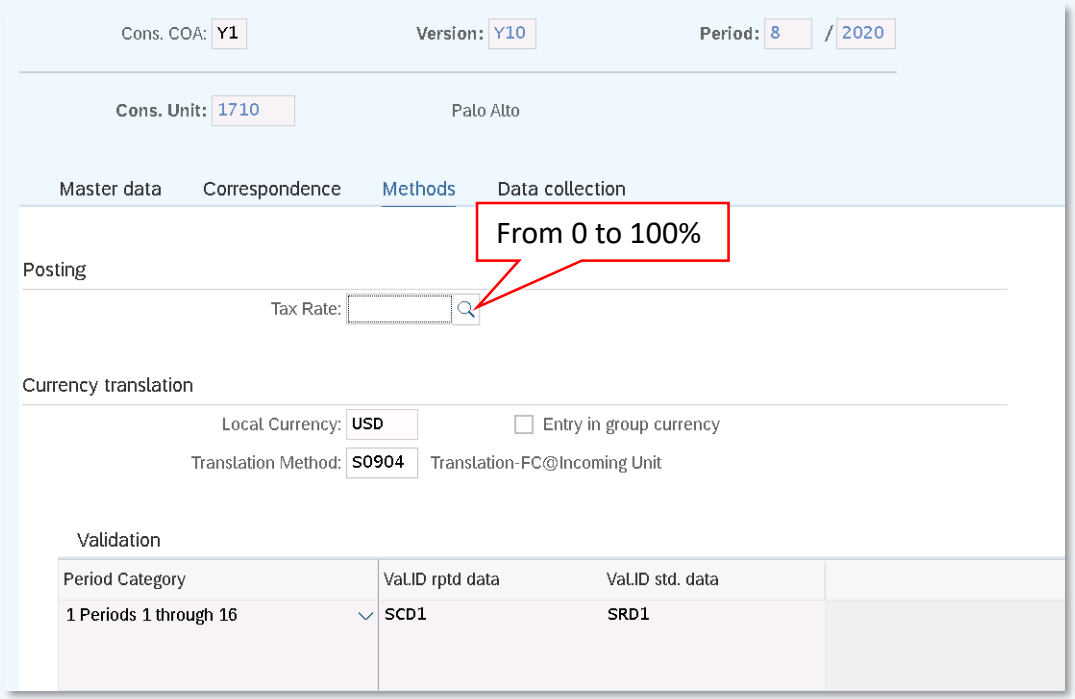


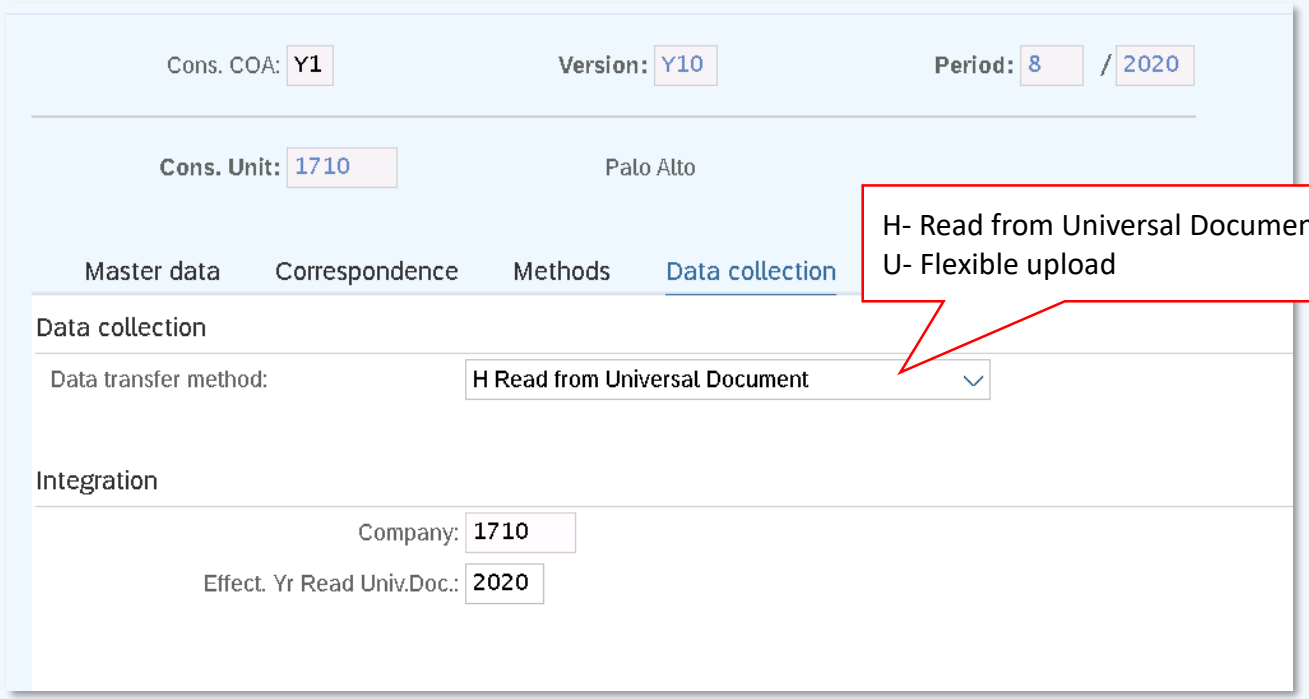




Consolidation Unit

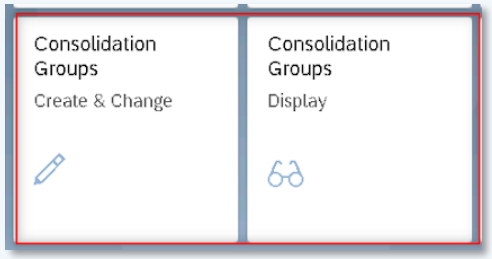
Master Data Objects

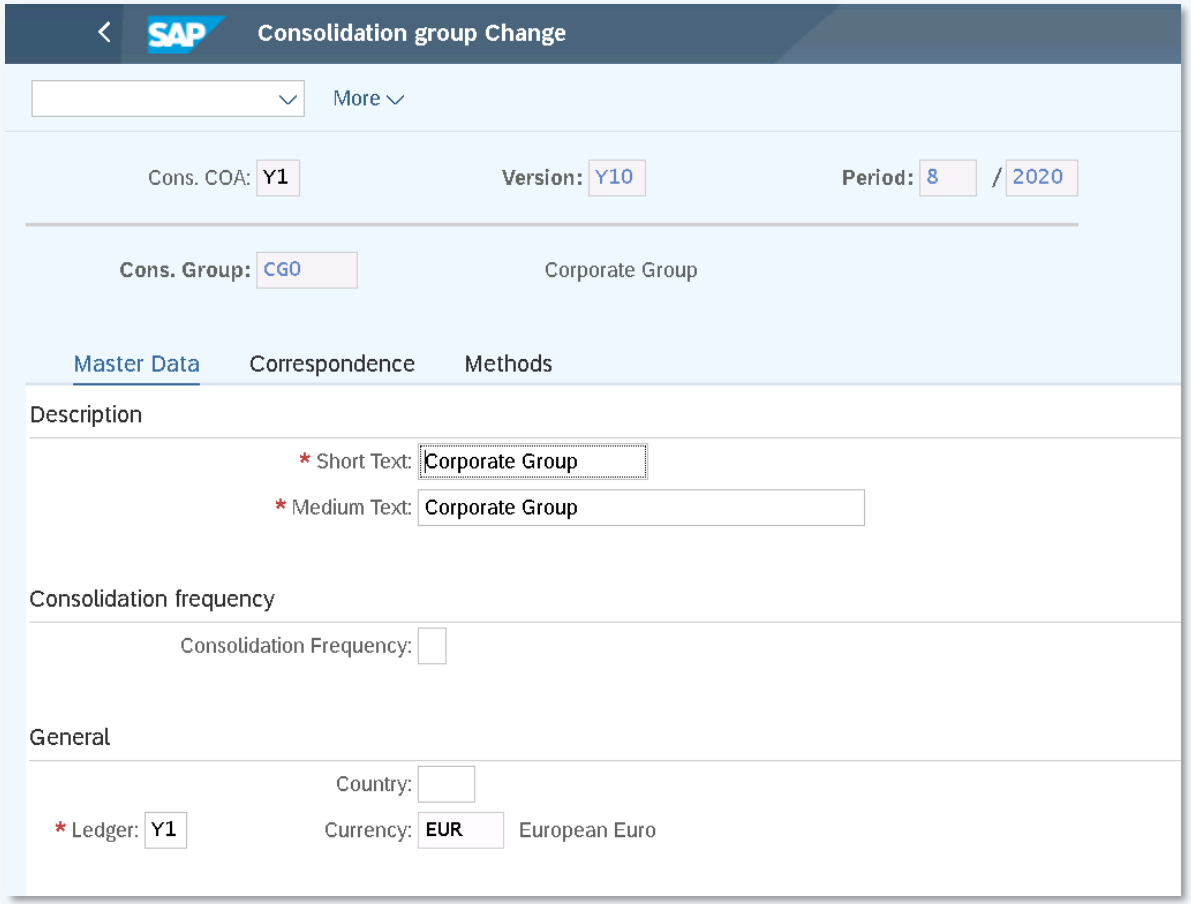




Consolidation Group

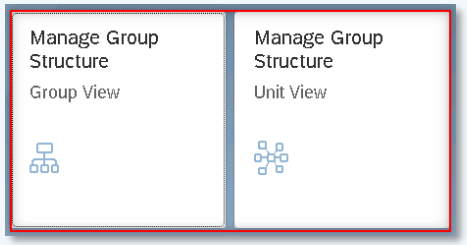
Master Data Objects

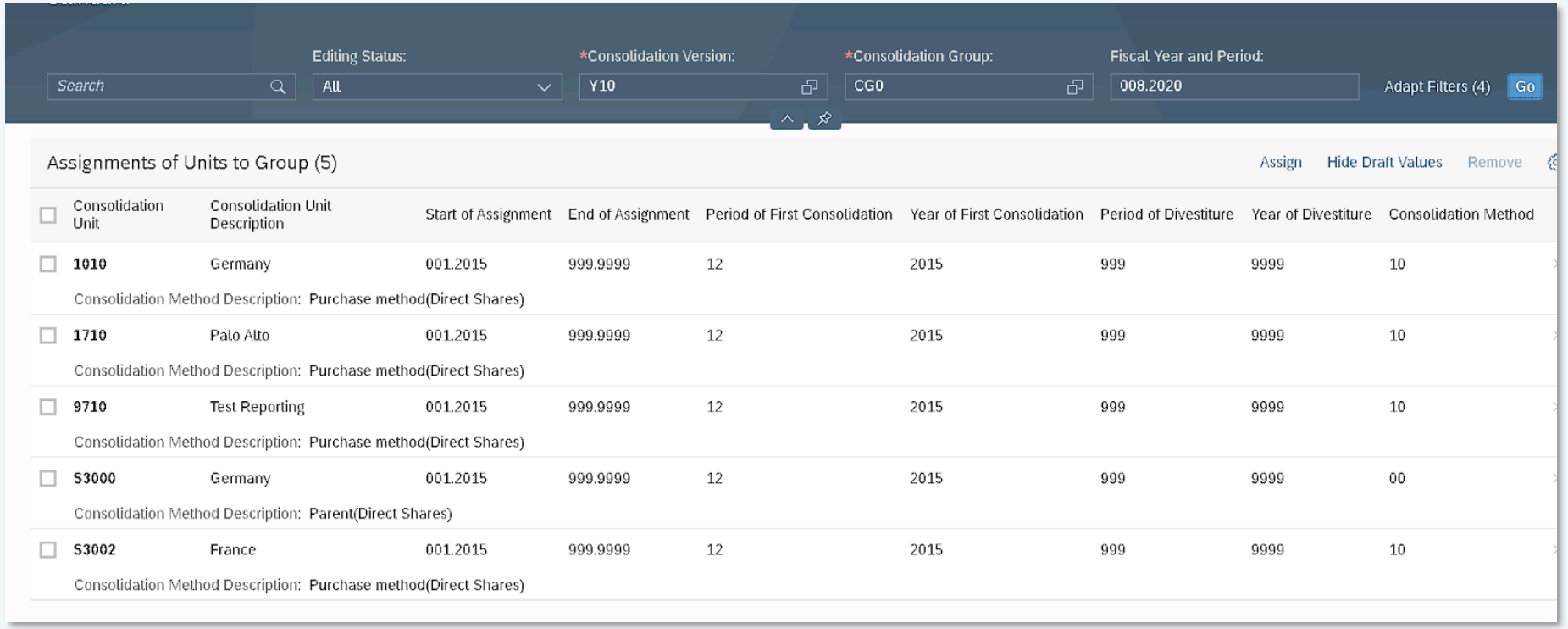




Consolidation Group

Master Data Objects



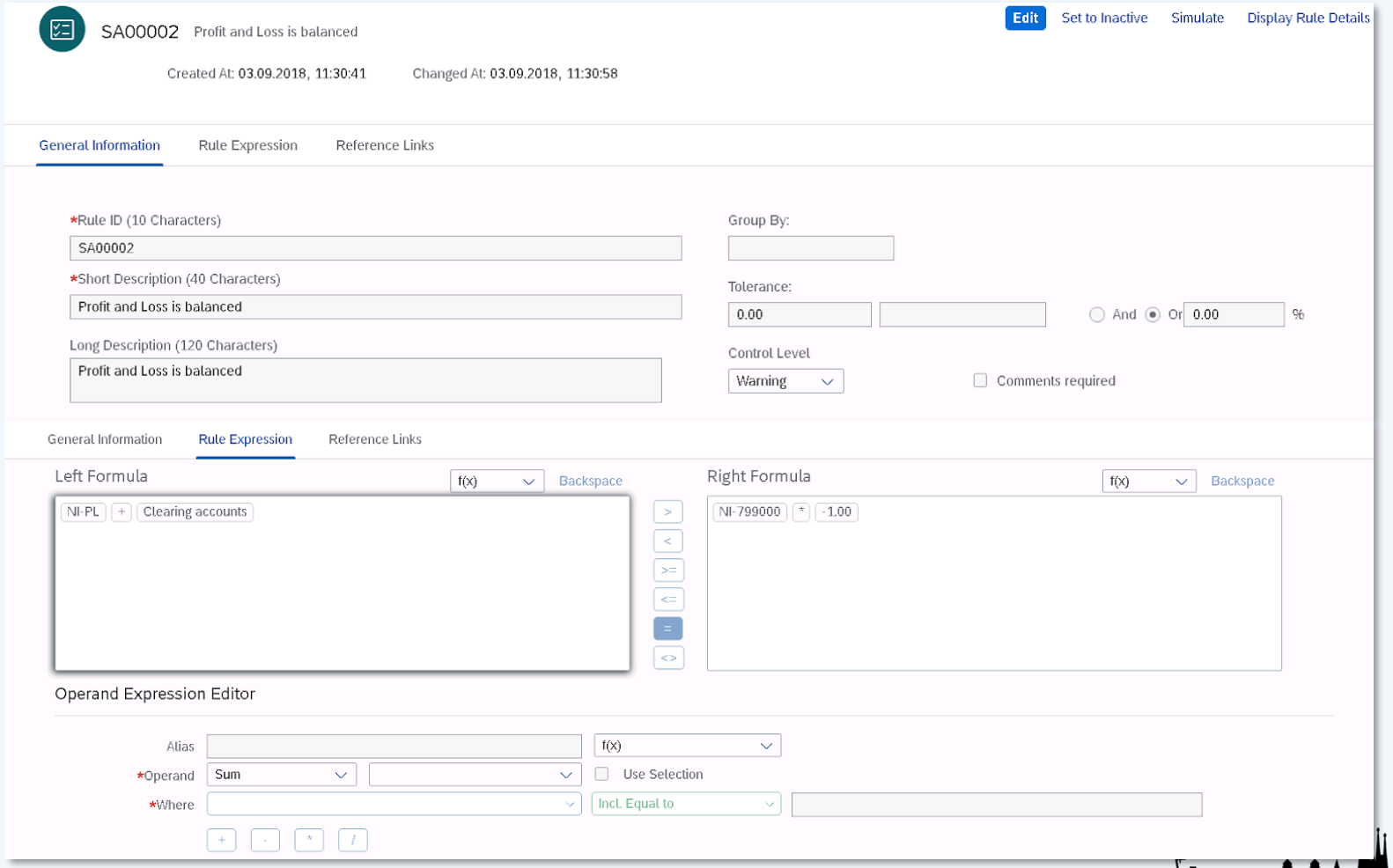


Group Reporting in SAP S/HANA 1909

Validation rule

Master Data Objects

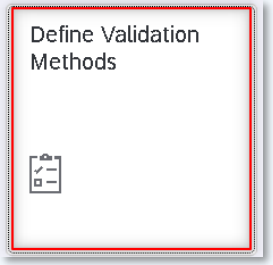
Define Validation Rules

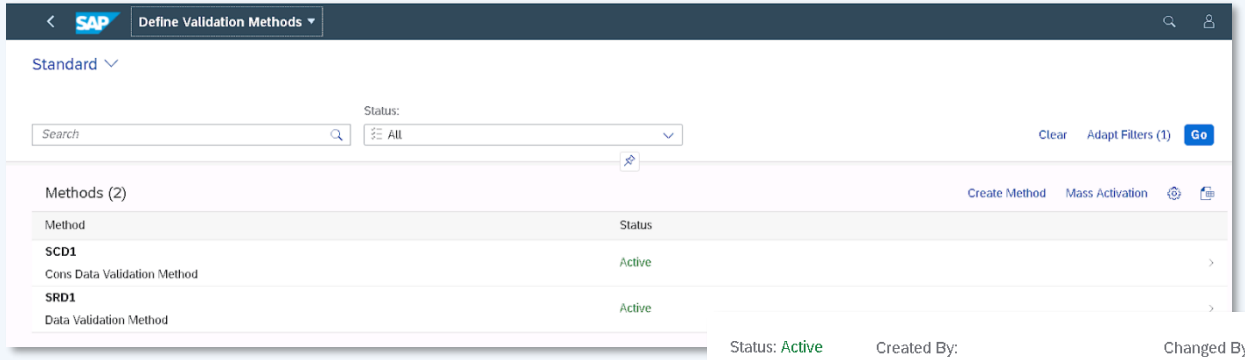


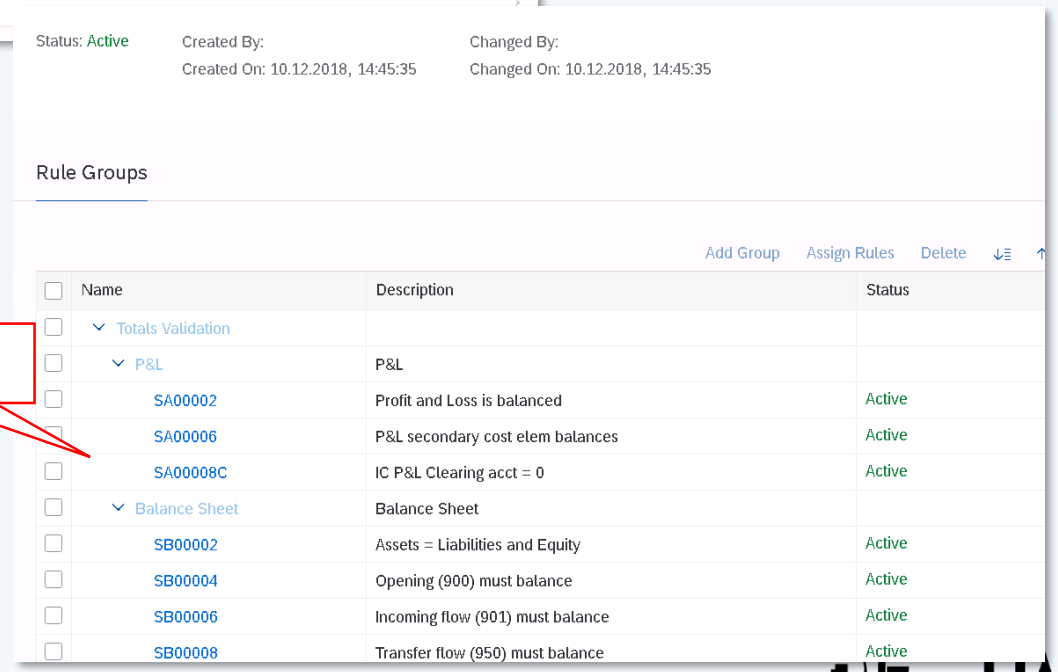
Group Reporting in SAP S/HANA 1909

Validation method

Master Data Objects





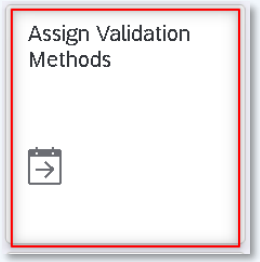


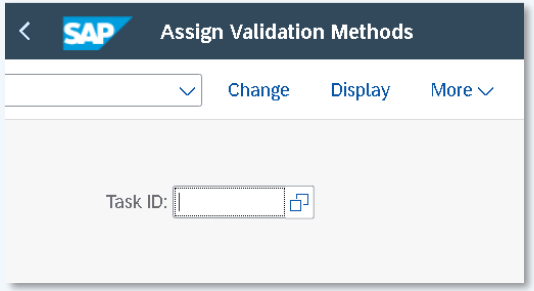
Rules assigned

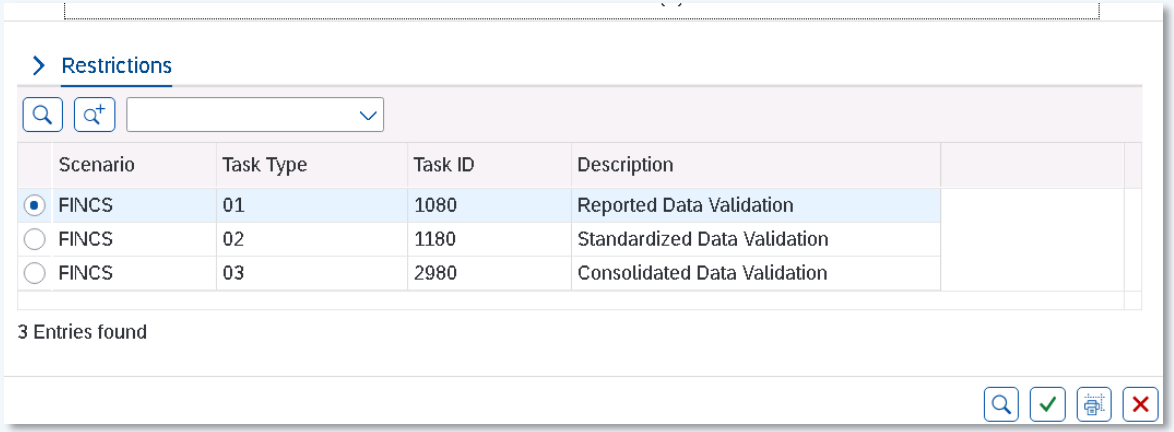
Group Reporting in SAP S/HANA 1909

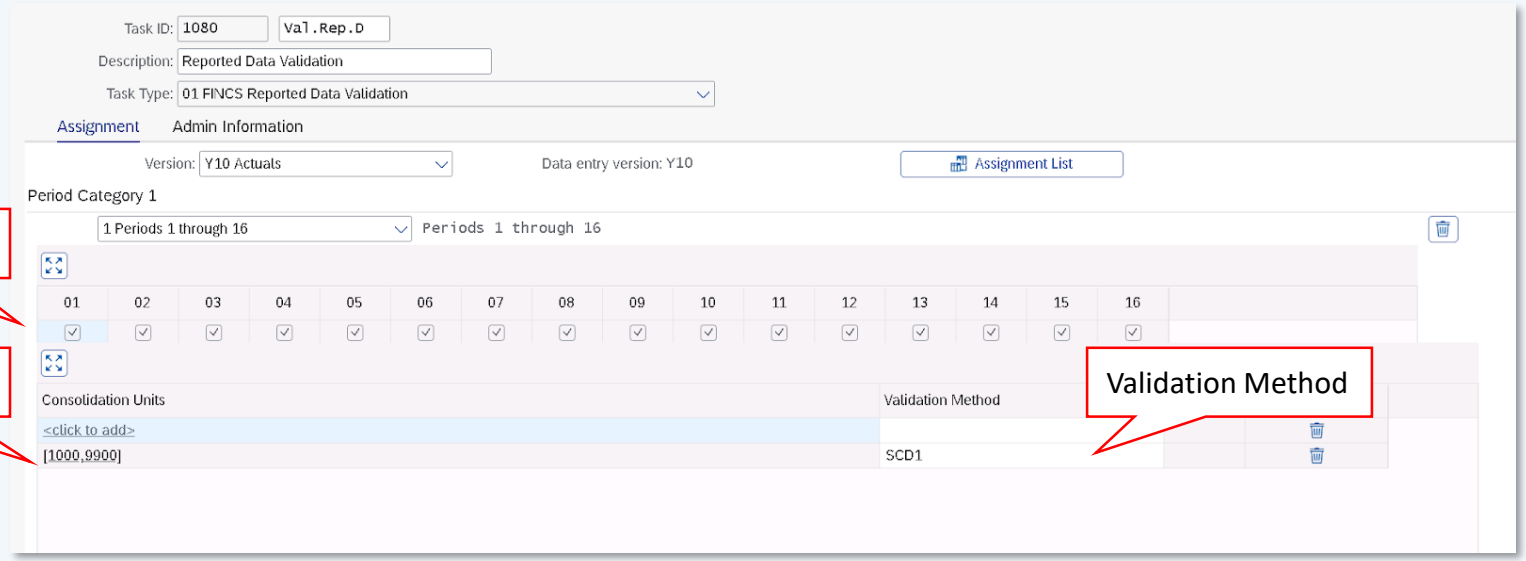
Validation method

Master Data Objects









Periods validity

Consolidation Units

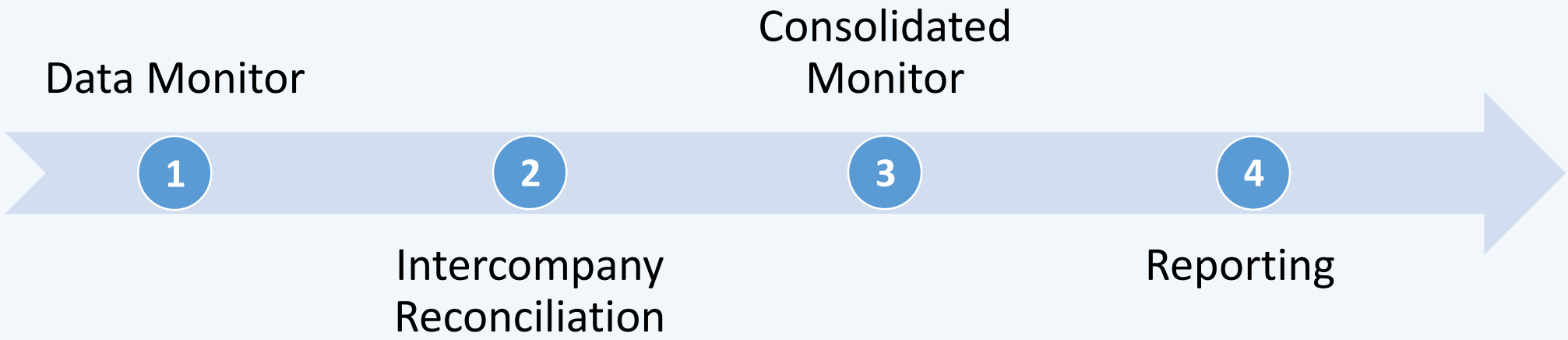
Validation Method

Group Reporting in SAP S/HANA 1909

AGENDA

1. Self introduction
2. Basic concepts, features and processes
3. Main configuration and master data elements
4. Process flow within SAP S/4HANA 1909

PROCESS FLOW IN SAP S/4HANA



DATA MONITOR

Run tasks for local consolidation (consolidation units): Data Collection, Validation of Journals, Manual Posting, Currency Translation...

Task ID	Description	Specific Document Types
1010	Balance Carryforward	
1015	Release Universal Journals	0F
1020	Data Collection	00, 01, 02
1050	Validation of Universal Journals	
1030	Calculate Net Income	
1080	Reported Data Validation	
1095	Manual Posting	11, 12, 13, 14, 16, 17, 18, 19
1100	Currency Translation	
1180	Standardized Data Validation	

Group Reporting in SAP S/HANA 1909

1 2 3 4
DATA MONITOR

DATA MONITOR

T. Code = CXCD

Data Monitor

Test Run | Update Run | Run Successive Tasks | Global Parameters

Cons. COA: Y1 | Version: Y10 | Period: 8 / 2020

Hierarchy	Description	Overall sta...	Bal.Cfwd	Rel Uni.J	Data Coll.	Val. Uni.J	Calc Net I	Reported	Man.Std...	CurrTrans.	Standardiz
Y1	Companies										
CG0	Corporate Group										
1010	Germany										
1710	Palo Alto										
9710	Test Reporting										
S3000	Germany										
S3002	France										
CG2	Corporate Group SIT										
1010	Germany										
1710	Palo Alto										
9710	Test Reporting										
CG3	Group 3										
S3000	Germany										
S3002	France										
S3003	USA East										
S3004	USA West										

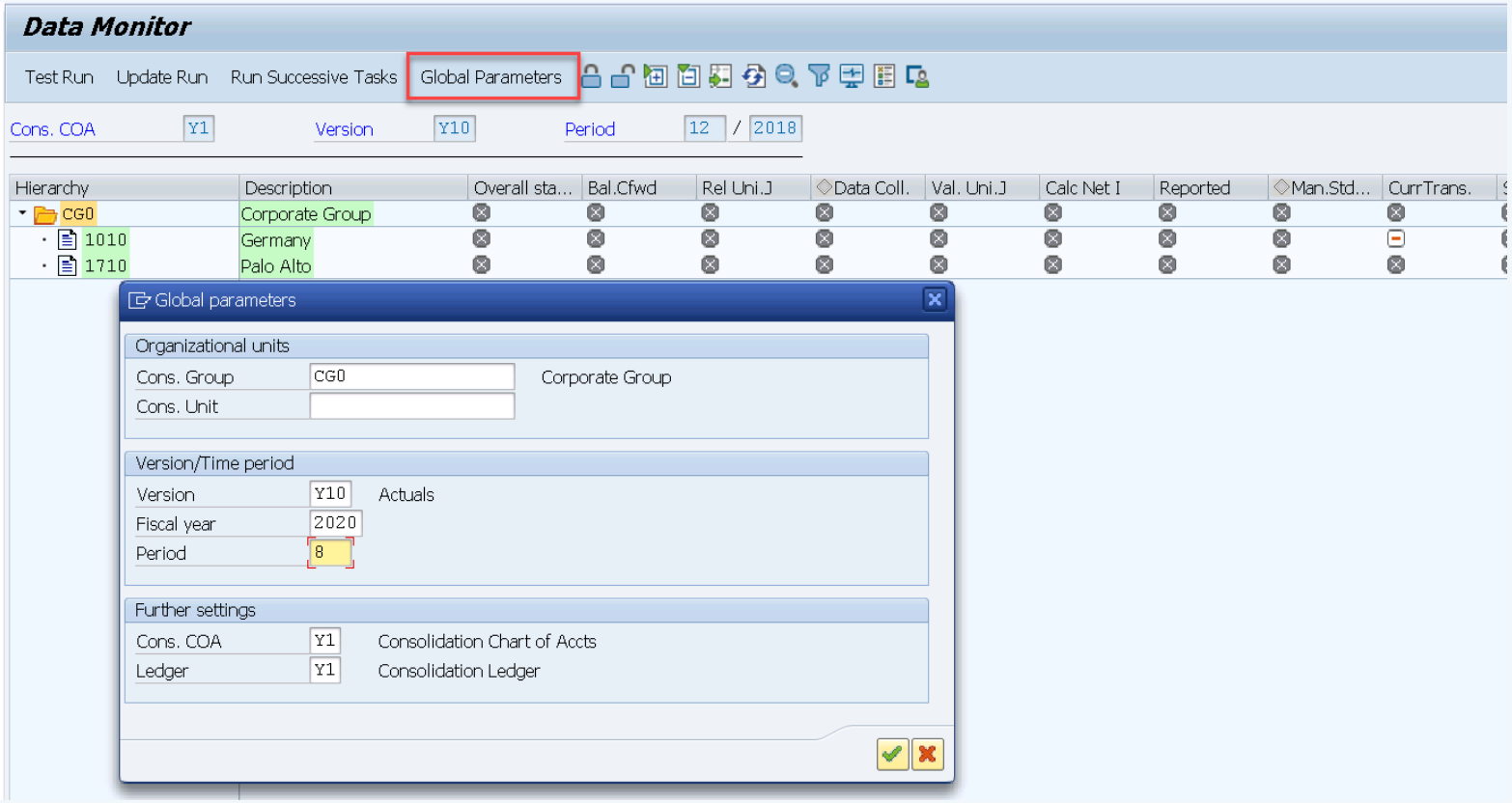
	Overall status: Error(s)
	Overall status: Open
	Overall status: Complete
	Overall status: Initial stage
	Status: Task has errors
	Status: Task is incomplete
	Status: Pending preceding task
	Status: Task is error-free
	Status: Task is blocked
	Status: Task is unblocked
	Status: Task Blocked on Request
	Status: Task Unblocked on Request
	Status: Task is irrelevant
	Status: Task being copied
	Status: Initial stage of task

DATA MONITOR

1 2 3 4

DATA MONITOR

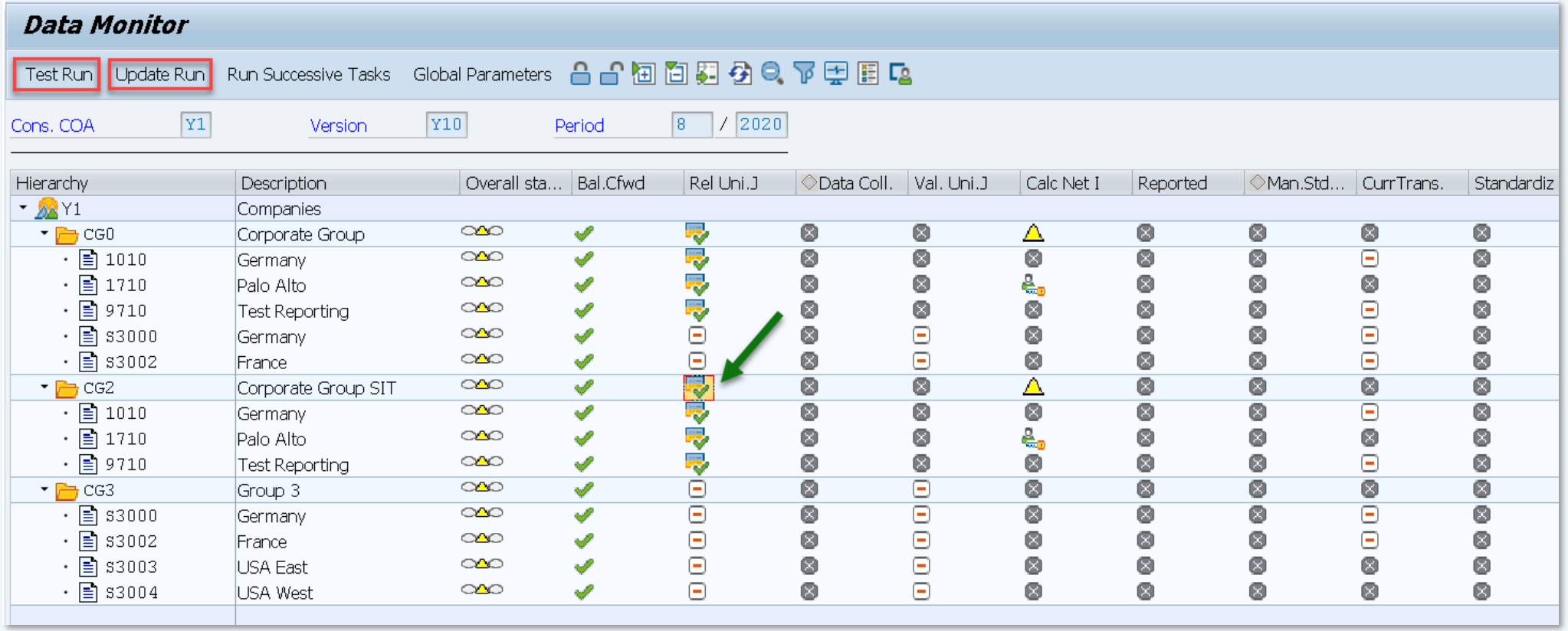
Set Global parameters for execution



Group Reporting in SAP S/HANA 1909

Release Universal Journal

Release the reported financial data from the universal journal for consolidation purposes.



Hierarchy	Description	Overall sta...	Bal.Cfwd	Rel Uni.J	Data Coll.	Val. Uni.J	Calc Net I	Reported	Man.Std...	CurrTrans.	Standardiz
Y1	Companies										
CG0	Corporate Group										
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S3000	Germany										
S3002	France										
CG2	Corporate Group SIT										
1010	Germany										
1710	Palo Alto										
9710	Test Reporting										
CG3	Group 3										
S3000	Germany										
S3002	France										
S3003	USA East										
S3004	USA West										

Release Universal Journal

Release Reported Financial Data

Reported Financial Data (Total) | Reported Financial Data (Difference) | Data from Prior Periods Without Release

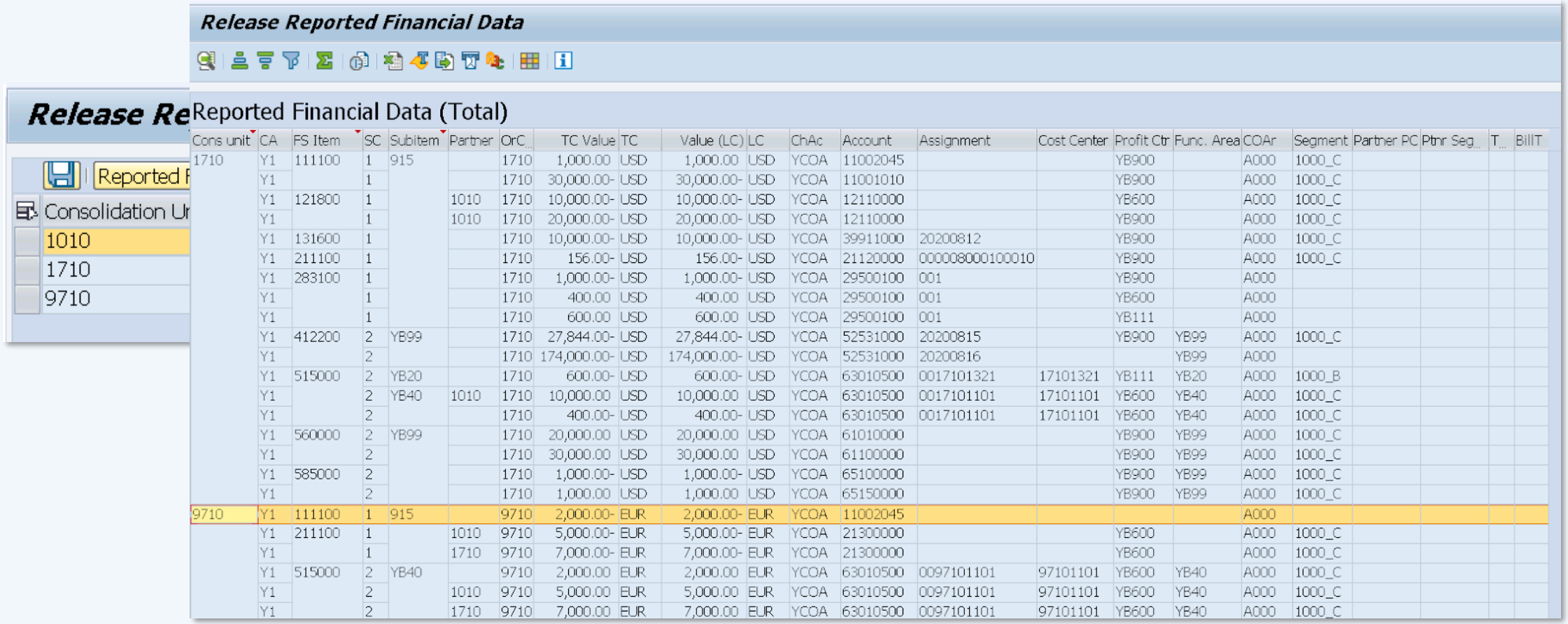
Consolidation Unit	Latest Release	Release Date	Rel. Time
1010	BEST	20.08.2020	21:20:20
1710	BEST	22.08.2020	01:04:20
9710	BEST	25.08.2020	22:01:48

Group Reporting in SAP S/HANA 1909

BARCELONA
SAP Inside Track

Release Universal Journal

1 2 3 4
DATA MONITOR



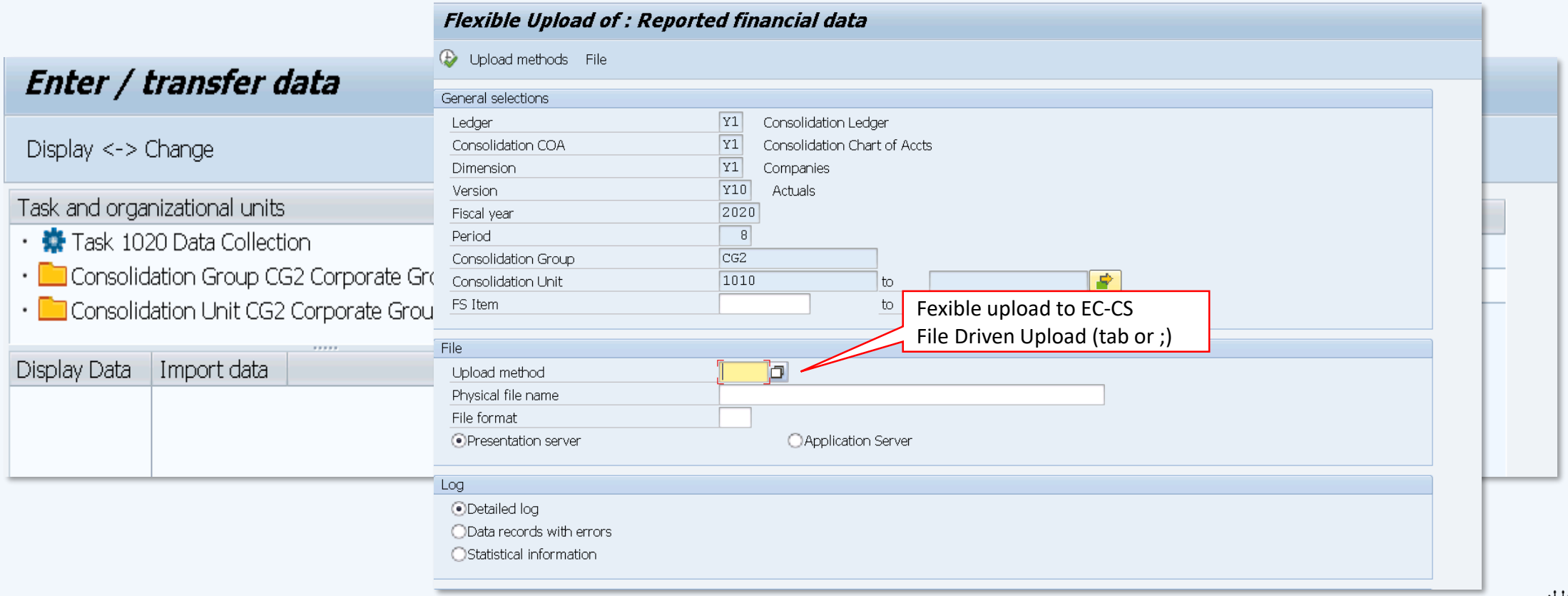
Cons unit	CA	FS Item	SC	Subitem	Partner	OrC...	TC Value	TC	Value (LC)	LC	ChAc	Account	Assignment	Cost Center	Profit Ctr	Func. Area	COAr	Segment	Partner PC	Ptnr Seg...	T...	BillT
1710	Y1	111100	1	915		1710	1,000.00	USD	1,000.00	USD	YCOA	11002045			YB900		A000	1000_C				
	Y1		1			1710	30,000.00-	USD	30,000.00-	USD	YCOA	11001010			YB900		A000	1000_C				
	Y1	121800	1		1010	1710	10,000.00-	USD	10,000.00-	USD	YCOA	12110000			YB600		A000	1000_C				
	Y1		1		1010	1710	20,000.00-	USD	20,000.00-	USD	YCOA	12110000			YB900		A000	1000_C				
	Y1	131600	1			1710	10,000.00-	USD	10,000.00-	USD	YCOA	39911000	20200812		YB900		A000	1000_C				
	Y1	211100	1			1710	156.00-	USD	156.00-	USD	YCOA	21120000	000008000100010		YB900		A000	1000_C				
	Y1	283100	1			1710	1,000.00-	USD	1,000.00-	USD	YCOA	29500100	001		YB900		A000					
	Y1		1			1710	400.00	USD	400.00	USD	YCOA	29500100	001		YB600		A000					
	Y1		1			1710	600.00	USD	600.00	USD	YCOA	29500100	001		YB111		A000					
	Y1	412200	2	YB99		1710	27,844.00-	USD	27,844.00-	USD	YCOA	52531000	20200815		YB900	YB99	A000	1000_C				
	Y1		2			1710	174,000.00-	USD	174,000.00-	USD	YCOA	52531000	20200816			YB99	A000					
	Y1	515000	2	YB20		1710	600.00-	USD	600.00-	USD	YCOA	63010500	0017101321	17101321	YB111	YB20	A000	1000_B				
	Y1		2	YB40	1010	1710	10,000.00	USD	10,000.00	USD	YCOA	63010500	0017101101	17101101	YB600	YB40	A000	1000_C				
	Y1		2			1710	400.00-	USD	400.00-	USD	YCOA	63010500	0017101101	17101101	YB600	YB40	A000	1000_C				
	Y1	560000	2	YB99		1710	20,000.00	USD	20,000.00	USD	YCOA	61010000			YB900	YB99	A000	1000_C				
	Y1		2			1710	30,000.00	USD	30,000.00	USD	YCOA	61100000			YB900	YB99	A000	1000_C				
	Y1	585000	2			1710	1,000.00-	USD	1,000.00-	USD	YCOA	65100000			YB900	YB99	A000	1000_C				
	Y1		2			1710	1,000.00	USD	1,000.00	USD	YCOA	65150000			YB900	YB99	A000	1000_C				
9710	Y1	111100	1	915		9710	2,000.00-	EUR	2,000.00-	EUR	YCOA	11002045					A000					
	Y1	211100	1		1010	9710	5,000.00-	EUR	5,000.00-	EUR	YCOA	21300000			YB600		A000	1000_C				
	Y1		1		1710	9710	7,000.00-	EUR	7,000.00-	EUR	YCOA	21300000			YB600		A000	1000_C				
	Y1	515000	2	YB40		9710	2,000.00	EUR	2,000.00	EUR	YCOA	63010500	0097101101	97101101	YB600	YB40	A000	1000_C				
	Y1		2		1010	9710	5,000.00	EUR	5,000.00	EUR	YCOA	63010500	0097101101	97101101	YB600	YB40	A000	1000_C				
	Y1		2		1710	9710	7,000.00	EUR	7,000.00	EUR	YCOA	63010500	0097101101	97101101	YB600	YB40	A000	1000_C				

Data Collection

Flexible upload of reported financial data that is not in the universal journal via file or API.

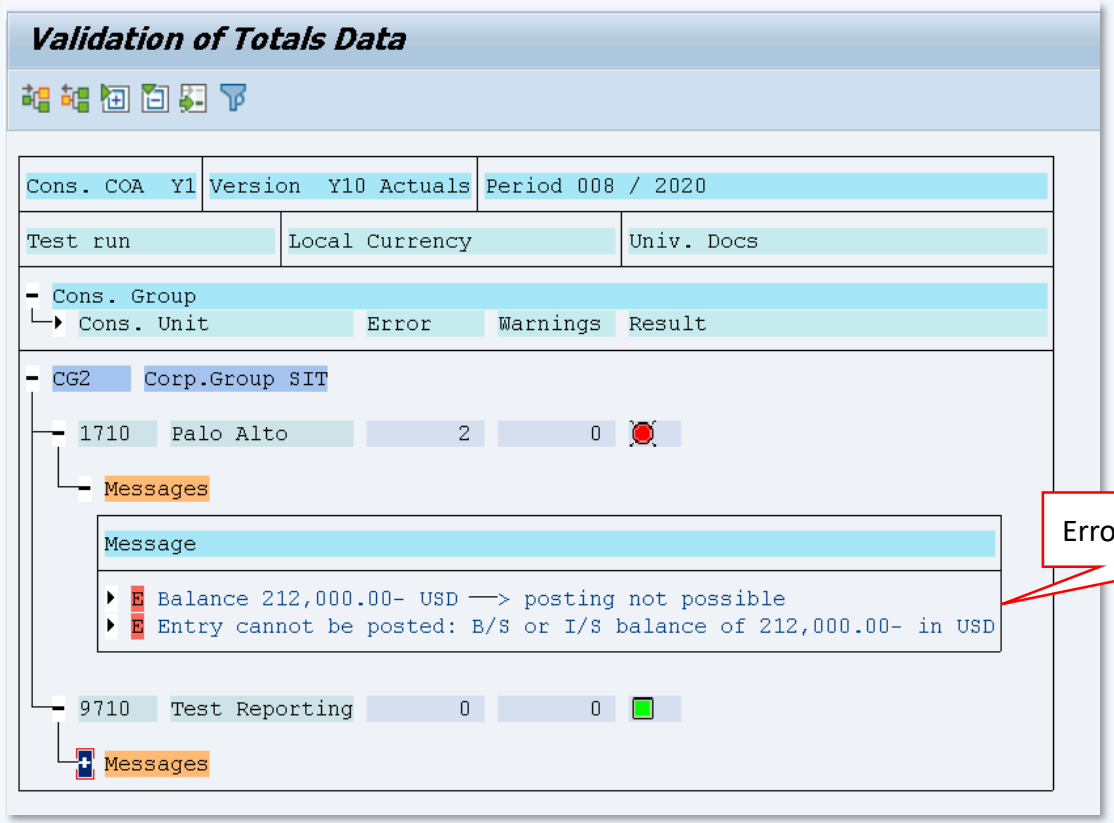
Data Collection

Flexible upload of reported financial data that is not in the universal journal via file or API.



Validation of Universal Journal

Check if errors exist in universal journals: missing or incorrect subassignments for FS items.

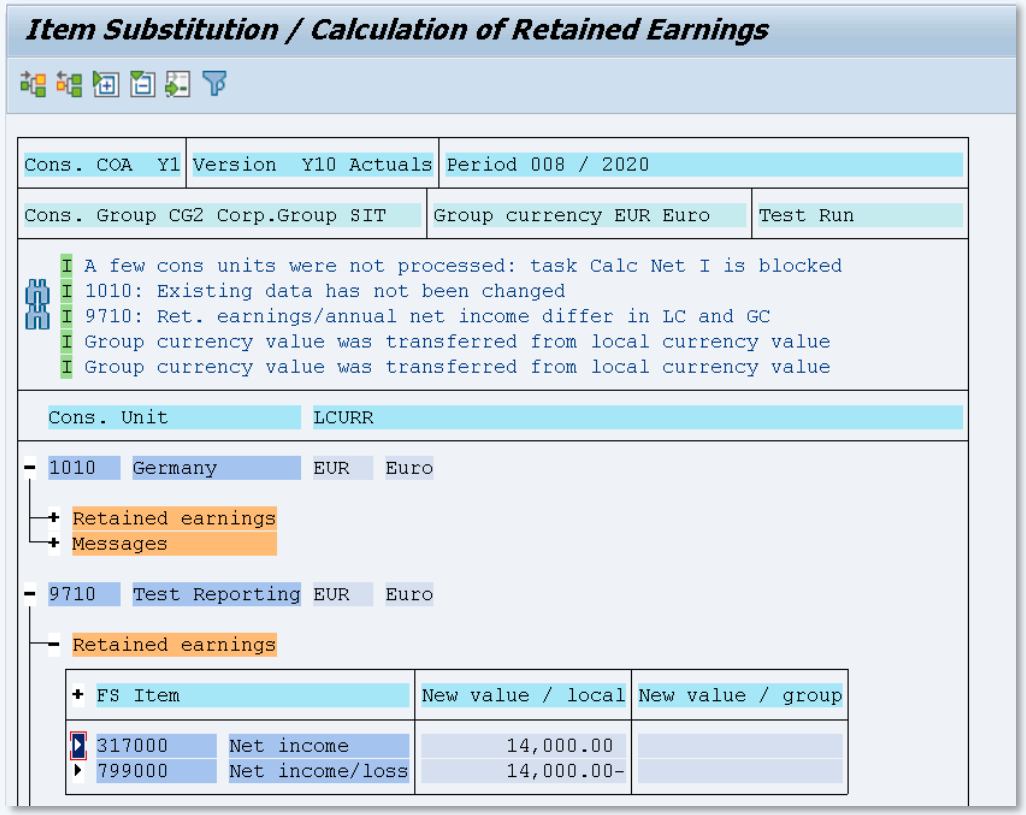


Errors to be reviewed

Calculation Net Income

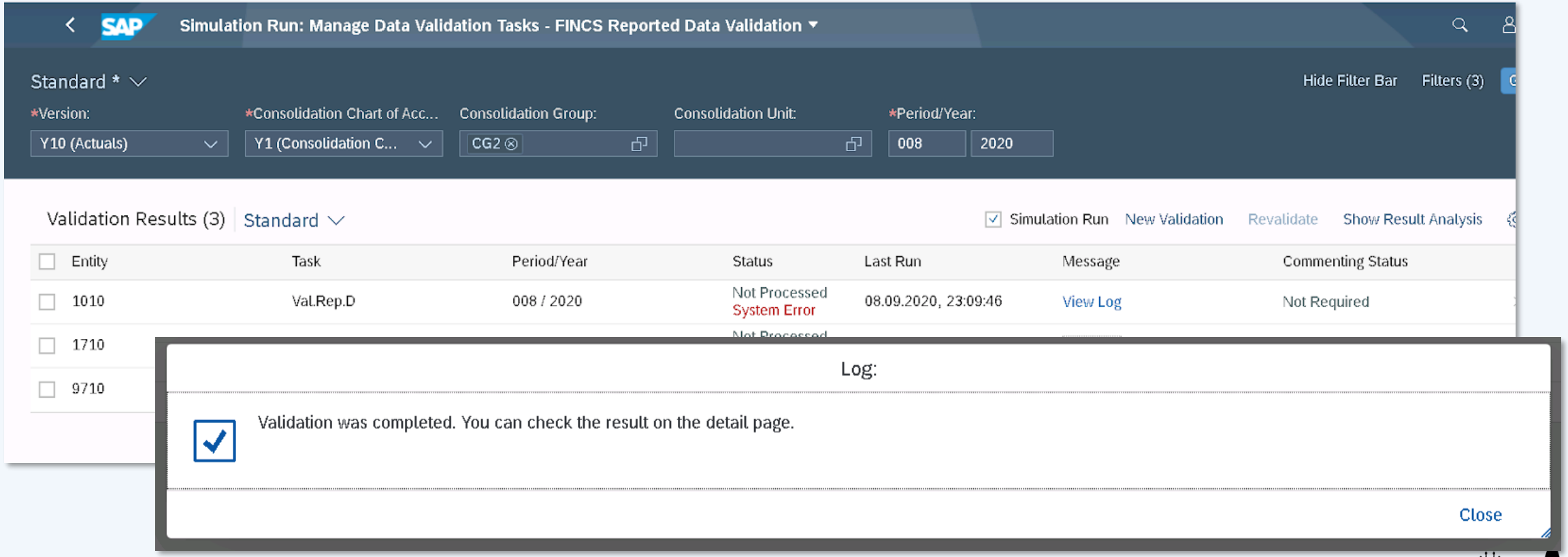
1 2 3 4
DATA MONITOR

Calculate and post net income to the selected financial statement (FS) items in the balance sheet and profit/ loss (P&L).



Reported Data Validation

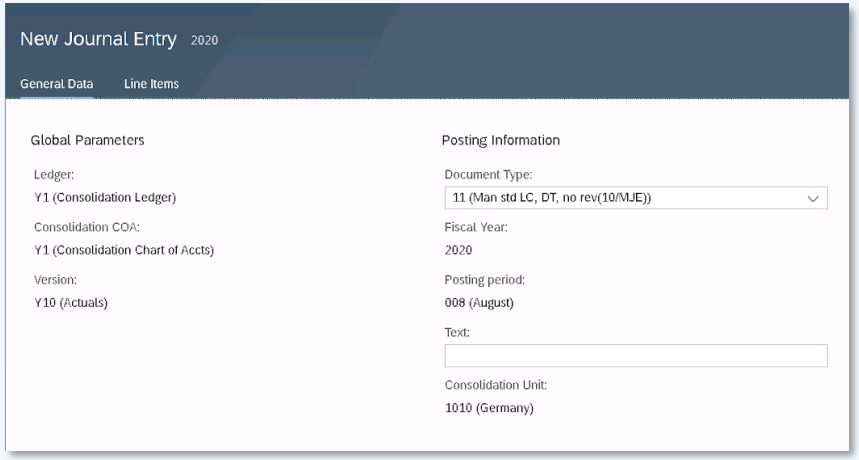
Validate the reported financial data in the local currency according to validation method assigned to consolidation unit.



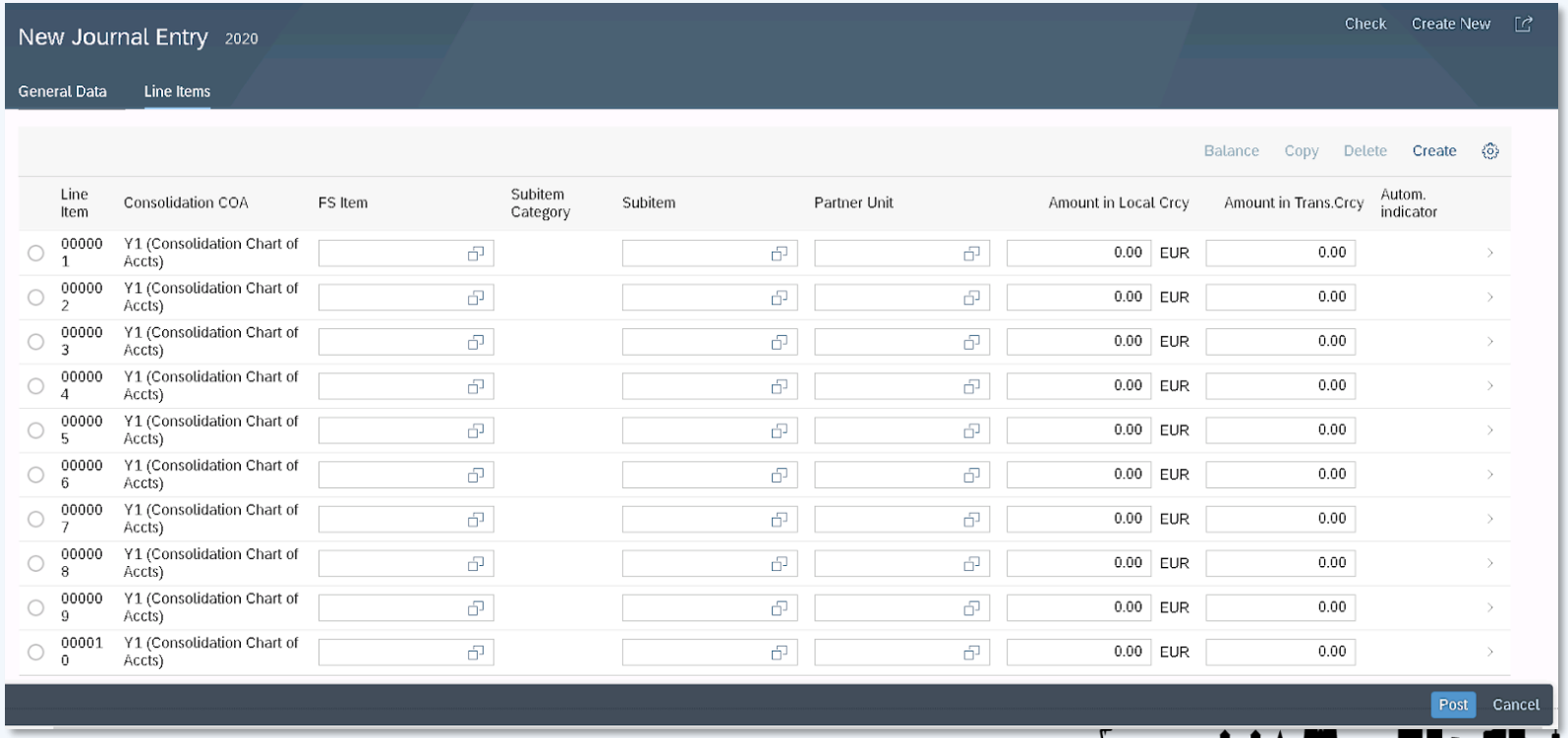
Manual Posting

Post manual journal entries in consolidation unit to adjust data released or collected.

General Data



Line Items



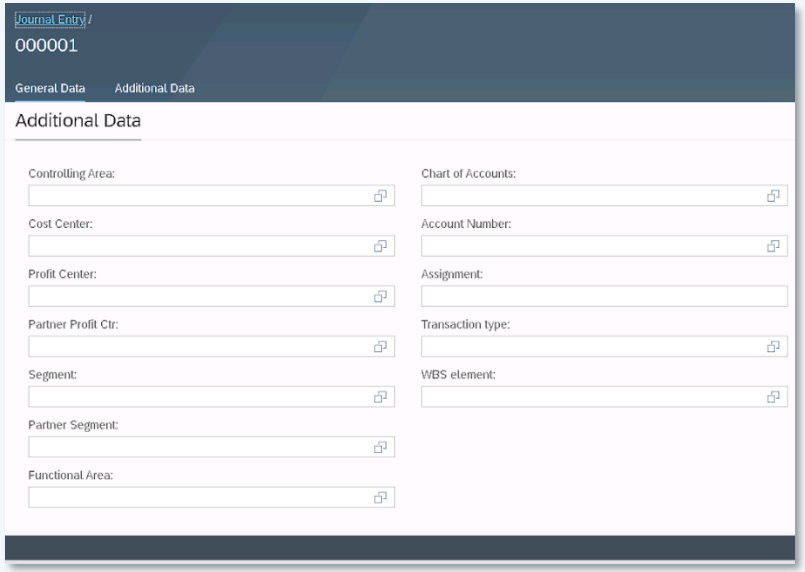
Group Reporting in SAP S/HANA 1909

1 2 3 4

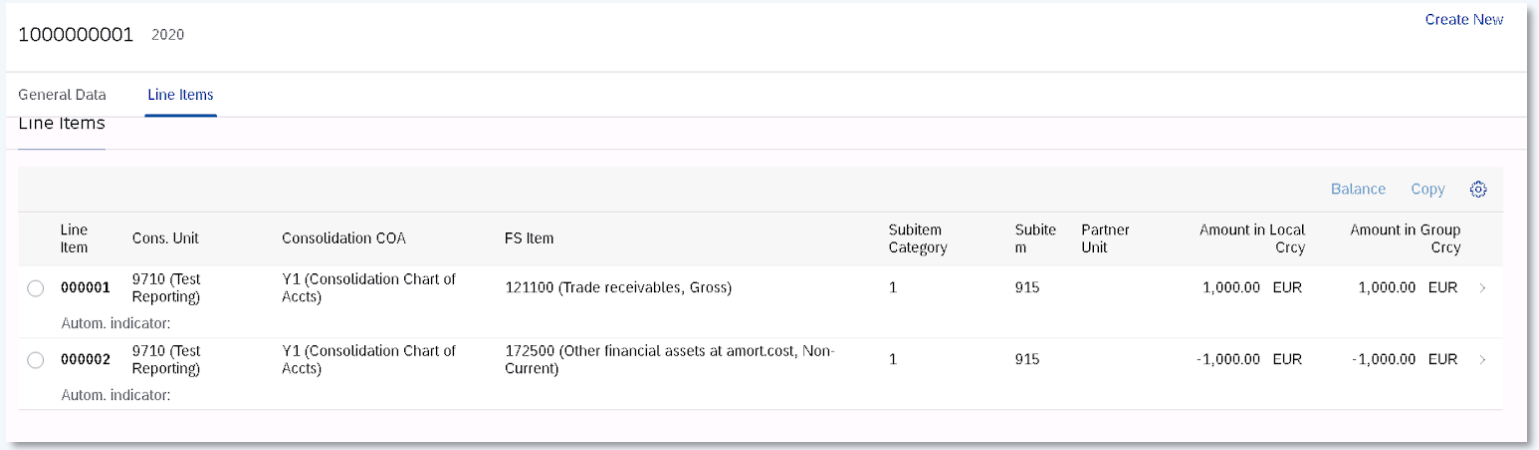
DATA MONITOR

Manual Posting

Additional Data at Item level



Sample of document posted



Currency Translation

1 2 3 4

DATA MONITOR

Translate the currency of financial statements from the local currency (LC) into the group currency (GC).

Currency Translation

Consolidation Chart of Accounts: Y1 (Consolidation Chart of Accts)
Version: Y10 (Actuals)
Ledger: Y1 (Consolidation Ledger)

Task: 1100 (Currency T)
Consolidation Group: CG2 (Corp.Group SIT)
Group Currency: EUR

Test Run: No
Input Type: Periodic
Fiscal Year/Period: 008.2020

Created By: BEST
Created On: 10.09.2020
Created At: 14:34

Log Header Messages: 2

Search

CG2 Corp.Group SIT

1710

Items (11) Standard

Co...	Tra...	S...	SeL...	Ite...	FS I...	Par...	SI ...	Su...	Diff...	C...	Exc...	LC Amount	GC Amount	Translation Differ...	Reference Amount
171...	S09...	020	S-C...	Cur...	111...		1 (T...	915...		5	/1.1...	-29,000.00 USD	-25,892.86 EUR	0.00 EUR	-25,892.86 EUR
171...	S09...	020	S-C...	Cur...	121...		1 (T...	915...		5	/1.1...	-30,000.00 USD	-26,785.71 EUR	0.00 EUR	-26,785.71 EUR
171...	S09...	020	S-C...	Cur...	131...		1 (T...	915...		5	/1.1...	202,000.00 USD	180,357.14 EUR	0.00 EUR	180,357.14 EUR
171...	S09...	020	S-C...	Cur...	211...		1 (T...	915...		5	/1.1...	-156.00 USD	-139.29 EUR	0.00 EUR	-139.29 EUR
171...	S09...	025	S-C...	Cur...	317...		1 (T...	915...	314...	5	/1.1...	-142,844.00 USD	-127,539.29 EUR	0.00 EUR	-127,539.29 EUR
171...	S09...	060	S-C...	Cur...	412...		2 (F...	YB...	314...	5	/1.1...	-201,844.00 USD	-180,217.86 EUR	0.00 EUR	-180,217.86 EUR
171...	S09...	060	S-C...	Cur...	515...		2 (F...	YB...	314...	5	/1.1...	-600.00 USD	-535.71 EUR	0.00 EUR	-535.71 EUR
171...	S09...	060	S-C...	Cur...	515...		2 (F...	YB...	314...	5	/1.1...	9,600.00 USD	8,571.43 EUR	0.00 EUR	8,571.43 EUR
171...	S09...	060	S-C...	Cur...	560...		2 (F...	YB...	314...	5	/1.1...	50,000.00 USD	44,642.86 EUR	0.00 EUR	44,642.86 EUR
171...	S09...	060	S-C...	Cur...	799...		2 (F...	YB...	314...	5	/1.1...	142,844.00 USD	127,539.29 EUR	0.00 EUR	127,539.29 EUR
171...	S09...	900	S-C...	Rou...	314...		1 (T...	980...		5	/1.1...	0.00 USD	0.01 EUR	0.00 EUR	0.00 EUR
												0.00 USD	**0.01 EUR**	**0.00 EUR**	**0.00 EUR**

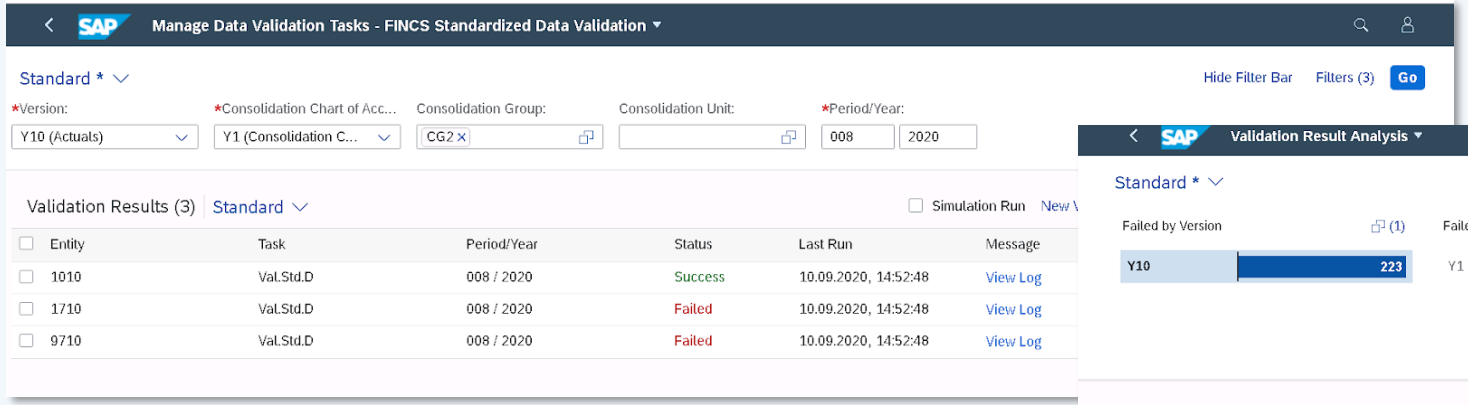
Group Reporting in SAP S/HANA 1909

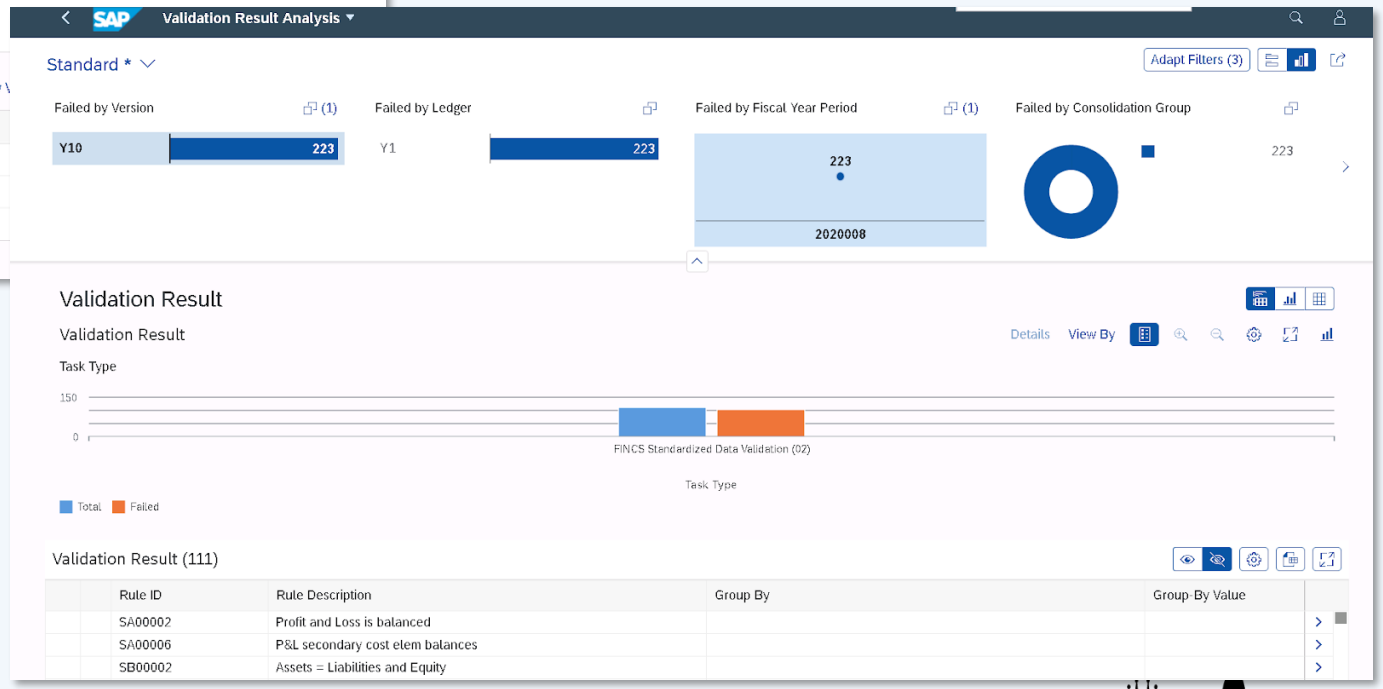
BARCELONA
SAP Inside Track

Standardized Data Validation

1 2 3 4
DATA MONITOR

Validate the financial data in the group currency with the validation method assigned to consolidation unit.





Group Reporting in SAP S/HANA 1909

Results

Sample of processed data:

Data Monitor

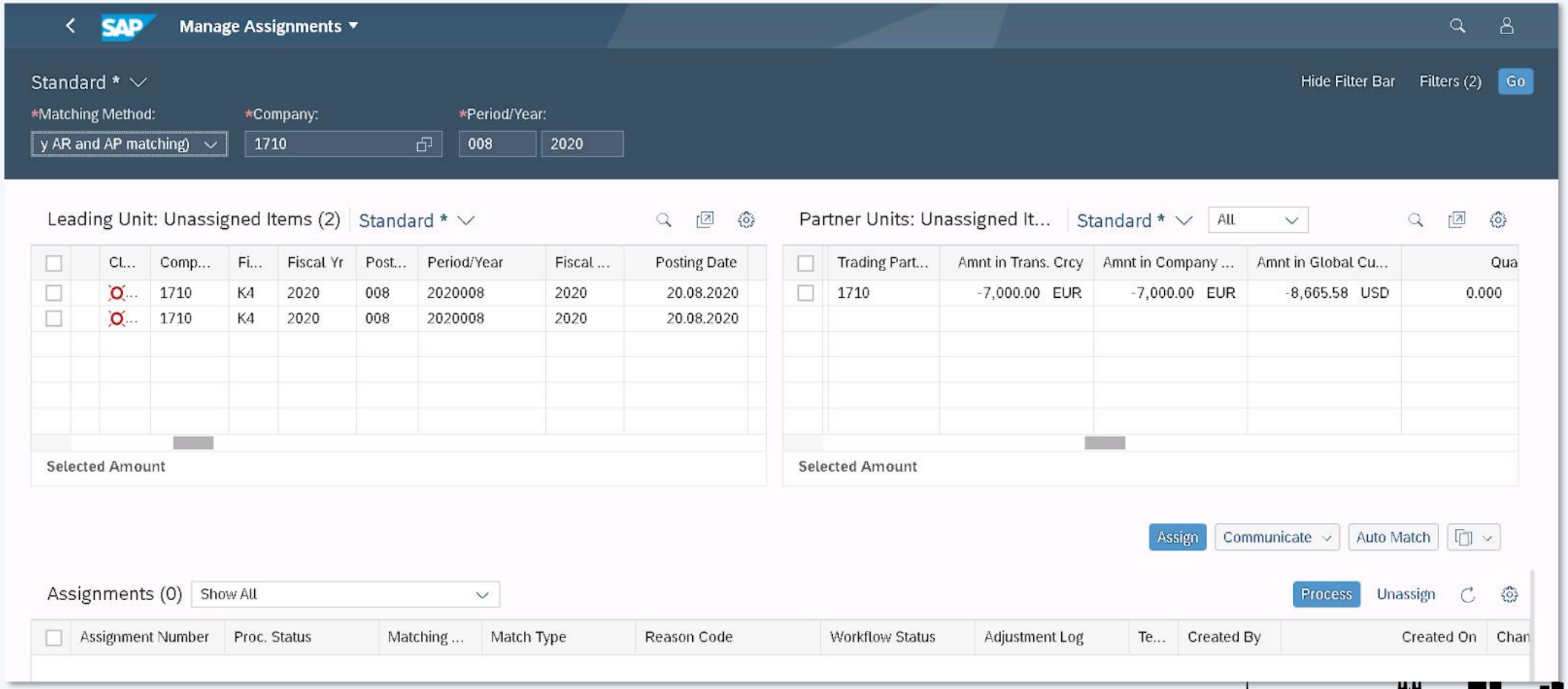
Test Run | Update Run | Run Successive Tasks | Global Parameters

Cons. COA: Y1 | Version: Y10 | Period: 8 / 2020

Hierarchy	Description	Overall sta...	Bal.Cfwd	Rel Uni.J	Data Coll.	Val. Uni.J	Calc Net I	Val.Rep.D	Man.Std...	CurrTrans.	Standardiz
Y1	Companies										
CG0	Corporate Group										
1010	Germany										
1710	Palo Alto										
9710	Test Reporting										
S3000	Germany										
S3002	France										
CG2	Corporate Group SIT										
1010	Germany										
1710	Palo Alto										
9710	Test Reporting										
CG3	Group 3										
S3000	Germany										
S3002	France										
S3003	USA East										
S3004	USA West										

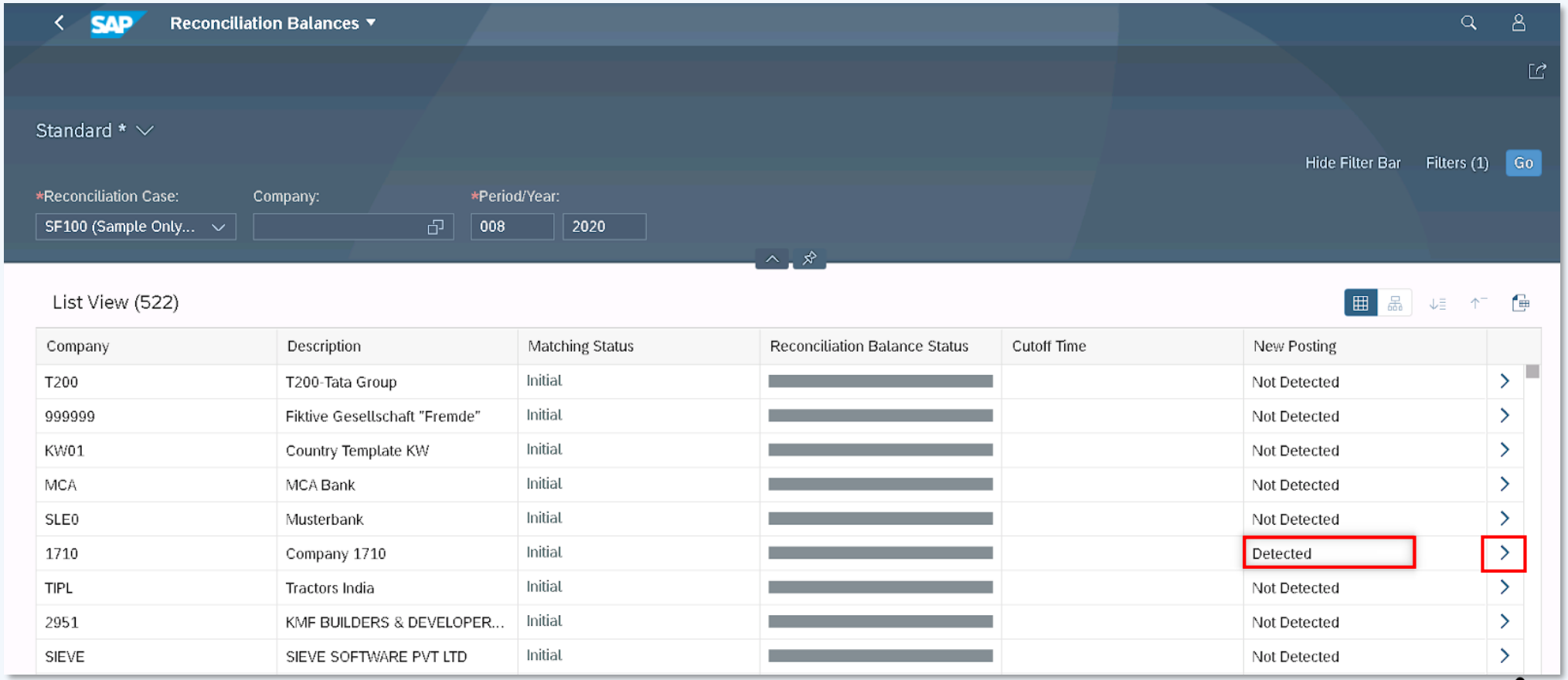
INTERCOMPANY RECONCILIATION

Manage Assign-ments
By Matching Method



INTERCOMPANY RECONCILIATION

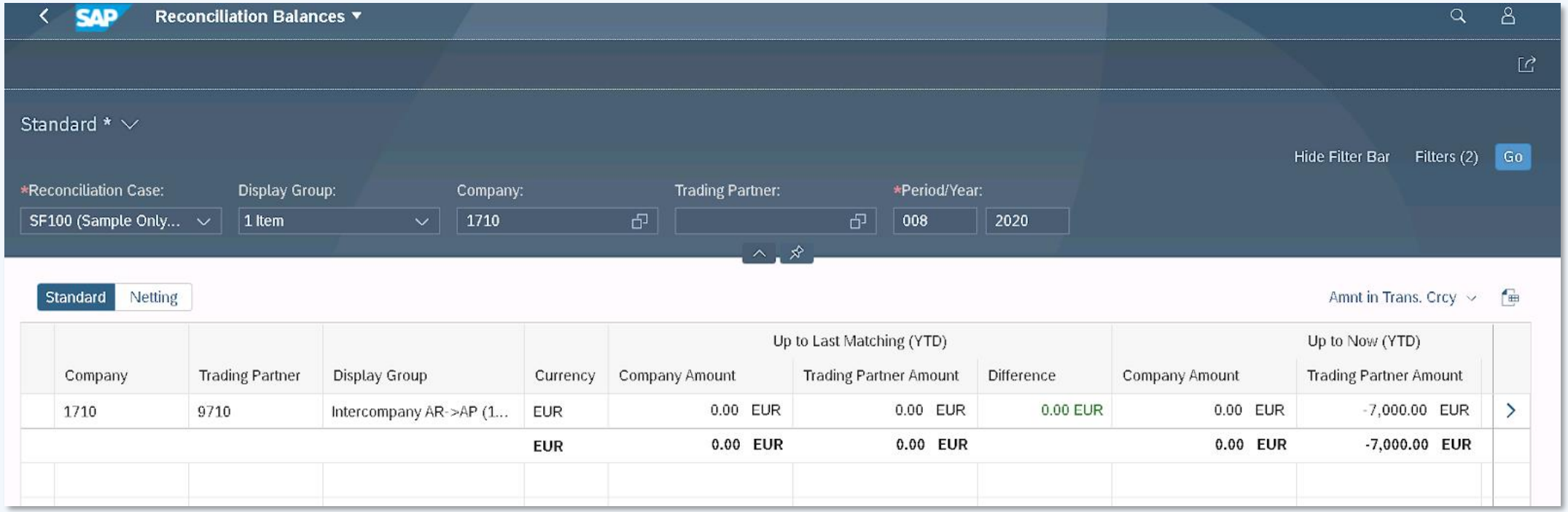
Reconciliation Status Overview



Company	Description	Matching Status	Reconciliation Balance Status	Cutoff Time	New Posting
T200	T200-Tata Group	Initial			Not Detected
999999	Fiktive Gesellschaft "Fremde"	Initial			Not Detected
KW01	Country Template KW	Initial			Not Detected
MCA	MCA Bank	Initial			Not Detected
SLE0	Musterbank	Initial			Not Detected
1710	Company 1710	Initial			Detected
TIPL	Tractors India	Initial			Not Detected
2951	KMF BUILDERS & DEVELOPER...	Initial			Not Detected
SIEVE	SIEVE SOFTWARE PVT LTD	Initial			Not Detected

INTERCOMPANY RECONCILIATION

Reconciliation Status Overview



Company	Trading Partner	Display Group	Currency	Up to Last Matching (YTD) Company Amount	Up to Last Matching (YTD) Trading Partner Amount	Up to Last Matching (YTD) Difference	Up to Now (YTD) Company Amount	Up to Now (YTD) Trading Partner Amount
1710	9710	Intercompany AR->AP (1...	EUR	0.00 EUR	0.00 EUR	0.00 EUR	0.00 EUR	-7,000.00 EUR
			EUR	**0.00 EUR**	**0.00 EUR**		**0.00 EUR**	**-7,000.00 EUR**

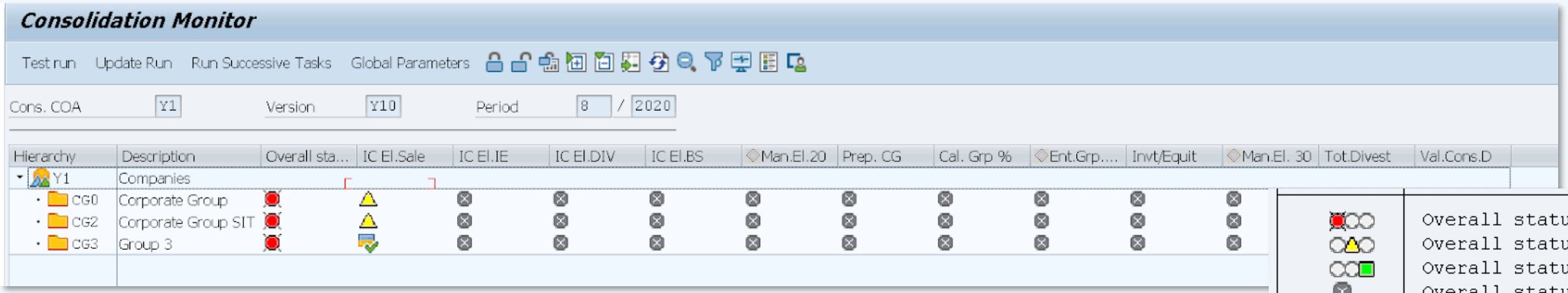
CONSOLIDATED MONITOR

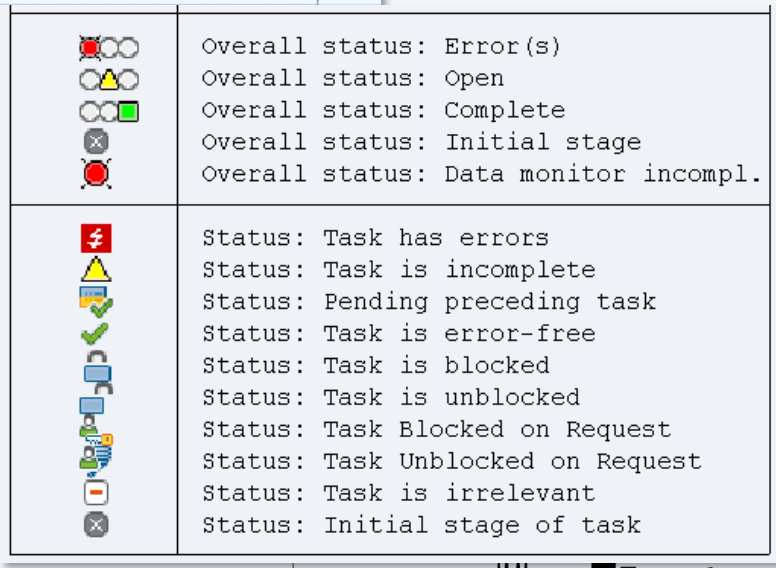
Run tasks for group consolidation (consolidation groups): Dividends Eliminations, Manual Eliminations, Group Shares...

Task ID	Description	Assigned Method	Method Description	Specific Doc. Types
2011	Interunit Elimination of Sales	S2010	IC Elimination Sales	2E
2021	Interunit Elimination of Other Income/Expense	S2020	IC Elimination Other P&L	2F
2031	Dividends Elimination	S2030	Dividends elimination	2H
2041	Interunit Elimination of Balance Sheet	S2040	IC Elimination Balance Sheet	2G
2050	Manual Eliminations PL20	-		21,22
2060	Preparation Consolidation Group Change	-		2Z
2100	Investments/Equity Elimination	S2100	Investments/Equity Elimination	3A
2140	Enter Group Shares	-		39
2150	Manual Eliminations PL30	-		32, 31
2180	Total Divestiture	S2180	Total Divestiture	3Z
2980	Validation of Consolidated Data	-		-

CONSOLIDATED MONITOR

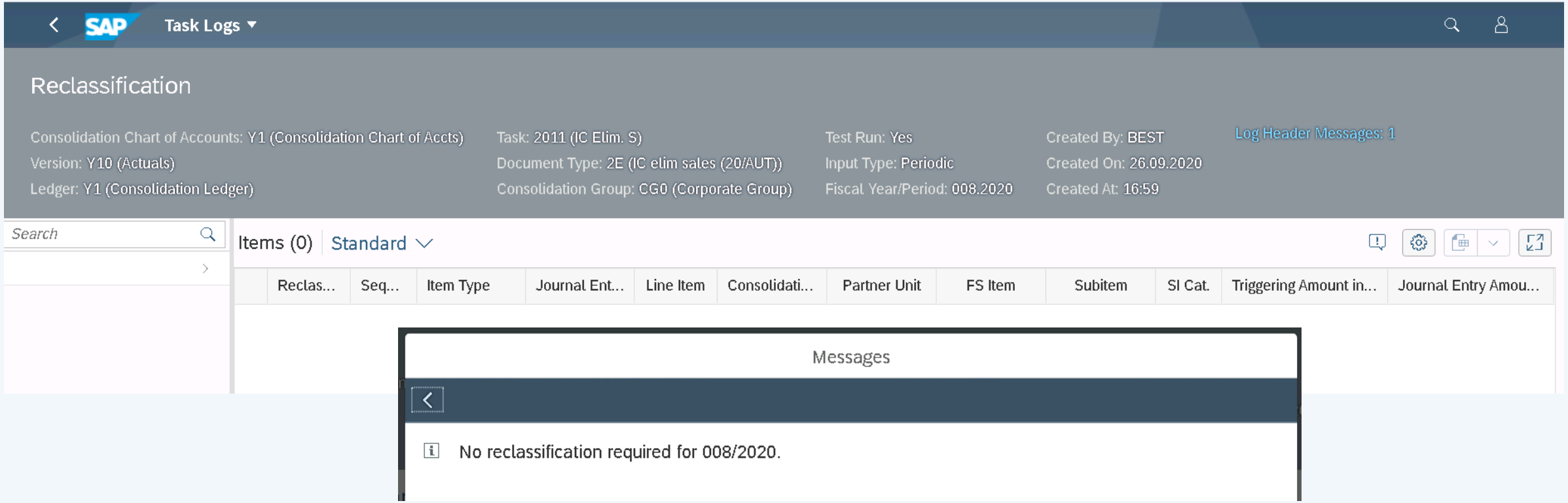
T.Code CX20





Interunit Elimination of Sales

Elimination of sales (e.g. goods or service transactions) between units in the same consolidation group.



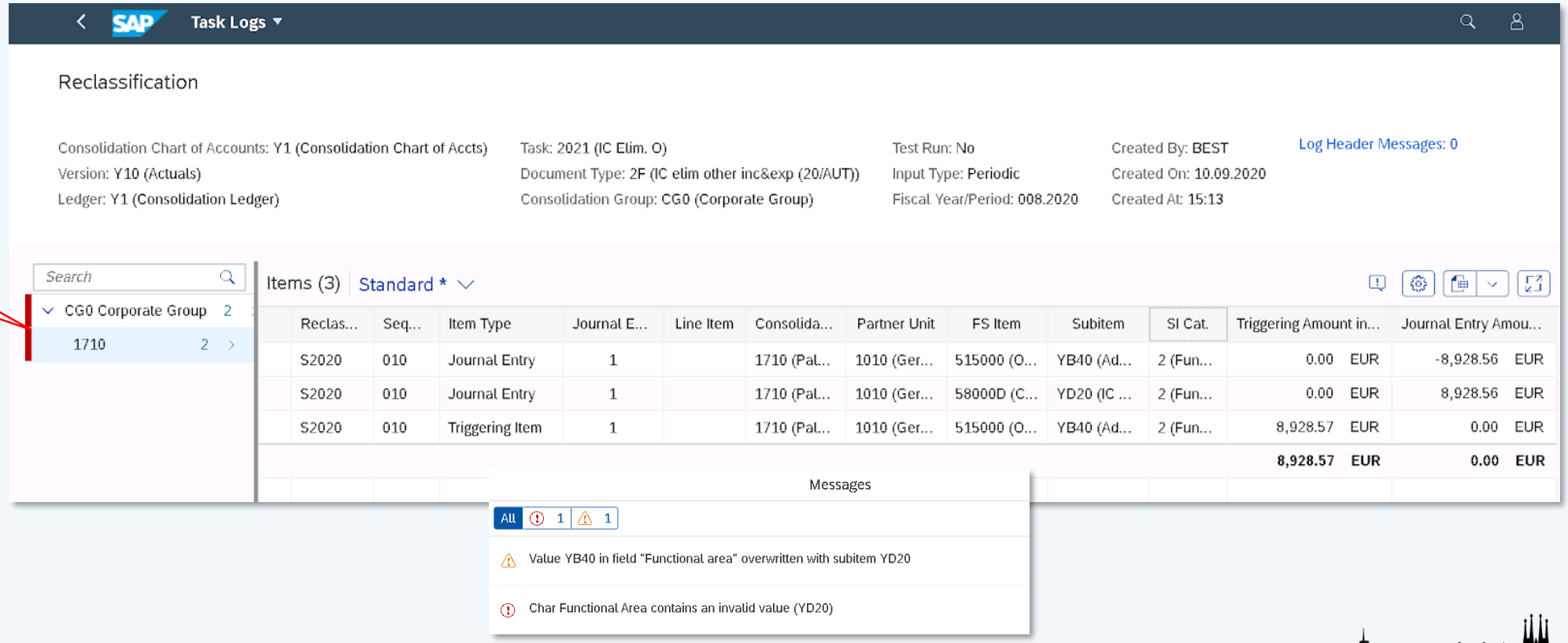
Group Reporting in SAP S/HANA 1909

Interunit Elimination other income

1 2 3 4
CONSOLIDATED MONITOR

Elimination of other income and expenses in the Profit and Loss (P&L) statement

Execution with error



Group Reporting in SAP S/HANA 1909

Interunit Elimination other income

1 2 3 4
CONSOLIDATED MONITOR

Reclassification

Consolidation Chart of Accounts: Y1 (Consolidation Chart of Accts)
Version: Y10 (Actuals)
Ledger: Y1 (Consolidation Ledger)

Task: 2021 (IC Elim. O)
Document Type: 2F (IC elim other inc&exp (20/AUT))
Consolidation Group: CG0 (Corporate Group)

Test Run: No
Input Type: Periodic
Fiscal Year/Period: 008.2020

Created By: BEST
Created On: 10.09.2020
Created At: 15:30

Log Header Messages: 0

Execution with warning

Search

CG0 Corporate Group 1
1710 1

Items (3) Standard

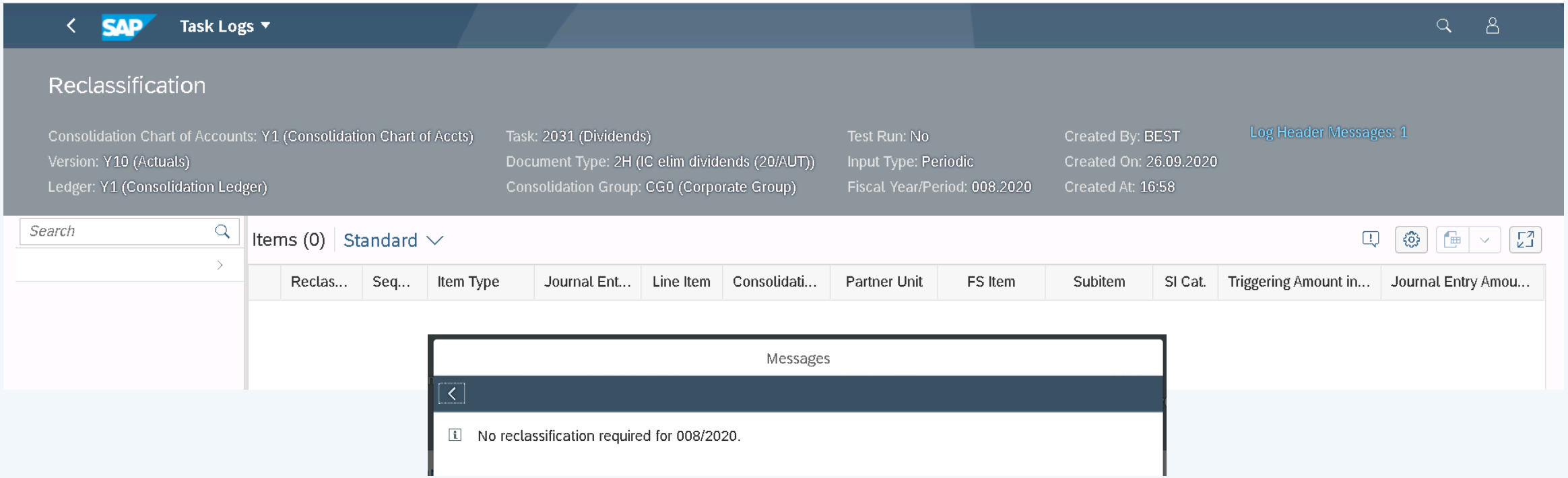
Reclas...	Seq...	Item Type	Journal En...	Line Item	Consolidati...	Partner Unit	FS Item	Subitem	SI Cat.	Triggering Amount in...	Journal Entry Amou...
S2020	010	Journal Entry	2000000001		1710 (Palo ...	1010 (Ger...	515000 (Ot...	YB40 (Adm...	2 (Fu...	0.00 EUR	-8,928.56 EUR
S2020	010	Journal Entry	2000000001		1710 (Palo ...	1010 (Ger...	58000D (Cl...	YD20 (IC di...	2 (Fu...	0.00 EUR	8,928.56 EUR
S2020	010	Triggering It...	2000000001		1710 (Palo ...	1010 (Ger...	515000 (Ot...	YB40 (Adm...	2 (Fu...	8,928.57 EUR	0.00 EUR
										8,928.57 EUR	**0.00 EUR**

1 document(s) posted for document type 2F, period 008 and year 2020

Dividends Elimination

1 2 3 4
CONSOLIDATED MONITOR

Eliminate the dividends received from a consolidation unit belonging to the same consolidated group.



Group Reporting in SAP S/HANA 1909

Interunit Elimination balance sheet

1 2 3 4
CONSOLIDATED MONITOR

Elimination of balance sheet accounts in consolidation units within same group.

Reclassification

Consolidation Chart of Accounts: Y1 (Consolidation Chart of Accts)
Version: Y10 (Actuals)
Ledger: Y1 (Consolidation Ledger)
Task: 2041 (IC Elim. B)
Document Type: 2G (IC elim balance sheet (20/AUT))
Consolidation Group: CG0 (Corporate Group)
Test Run: No
Input Type: Periodic
Fiscal Year/Period: 008.2020
Created By: BEST
Created On: 10.09.2020
Created At: 15:36
Log Header Messages: 0

Search
CG0 Corporate Group
1710

Items (3) Standard

Reclas...	Seq...	Item Type	Journal En...	Line Item	Consolidati...	Partner Unit	FS Item	Subitem	SI Cat.	Triggering Amount in...	Journal Entry Amou...
S2040	010	Journal Entry	2000000003		1710 (Palo ...	1010 (Ger...	121800 (Ot...	915 (Net v...	1 (Tr...	0.00 EUR	26,785.70 EUR
S2040	010	Journal Entry	2000000003		1710 (Palo ...	1010 (Ger...	21100D (Cl...	915 (Net v...	1 (Tr...	0.00 EUR	-26,785.70 EUR
S2040	010	Triggering It...	2000000003		1710 (Palo ...	1010 (Ger...	121800 (Ot...	915 (Net v...	1 (Tr...	-26,785.71 EUR	0.00 EUR
										-26,785.71 EUR	**0.00 EUR**

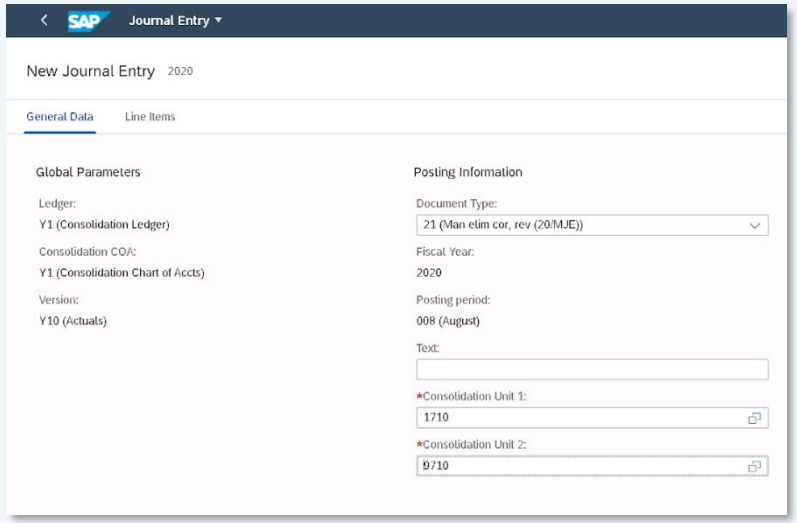
1 document(s) posted for document type 2G, period 008 and year 2020

Manual Elimination PL20

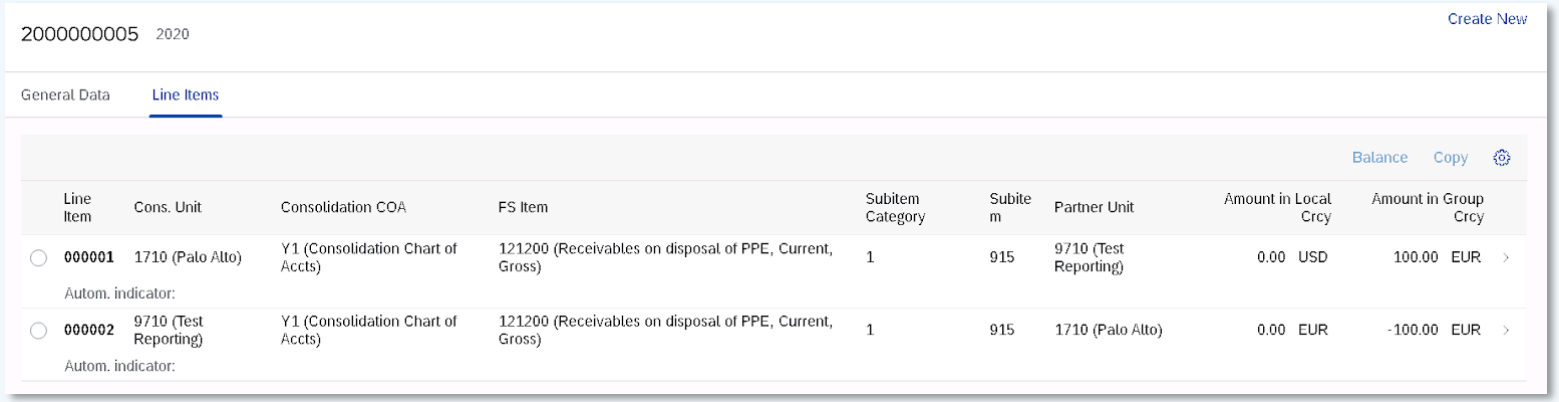
1 2 3 4
CONSOLIDATED MONITOR

Manual adjustment in posting level 20: is assigned to one or several consolidation units. It affects to all consolidation groups that the consolidation unit belongs

General Data



Sample of document



Line Item	Cons. Unit	Consolidation COA	FS Item	Subitem Category	Subitem	Partner Unit	Amount in Local Crcy	Amount in Group Crcy
000001	1710 (Palo Alto)	Y1 (Consolidation Chart of Accts)	121200 (Receivables on disposal of PPE, Current, Gross)	1	915	9710 (Test Reporting)	0.00 USD	100.00 EUR
	Autom. indicator:							
000002	9710 (Test Reporting)	Y1 (Consolidation Chart of Accts)	121200 (Receivables on disposal of PPE, Current, Gross)	1	915	1710 (Palo Alto)	0.00 EUR	-100.00 EUR
	Autom. indicator:							

Preparation consolidation group

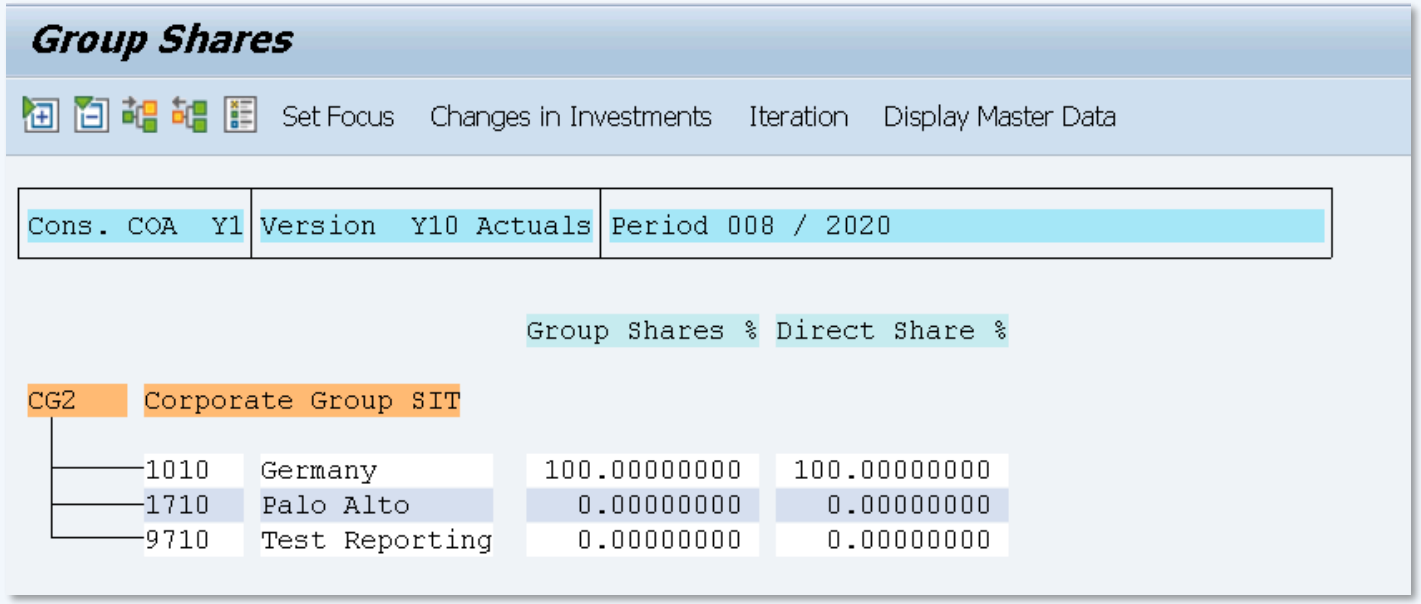
Adjust reported, standardized, and eliminated data when a consolidation unit is acquired by a consolidation group or divested from a consolidation group. After that, the financial statements (FS) contain only the data during the time the consolidation unit was part of the consolidation group.

Investments/Equity elimination

Automatic reclassification for elimination of investments and equity, including non-controlling interests (NCI), dividends, changes in equity, and changes in ownership percentage within consolidation group.

Enter Group shares

Post group shares with posting level 30 (consolidation group is required). If a consolidation unit is consolidated in multilevel groups with different group shares, the percentage should be entered on each group incrementally.

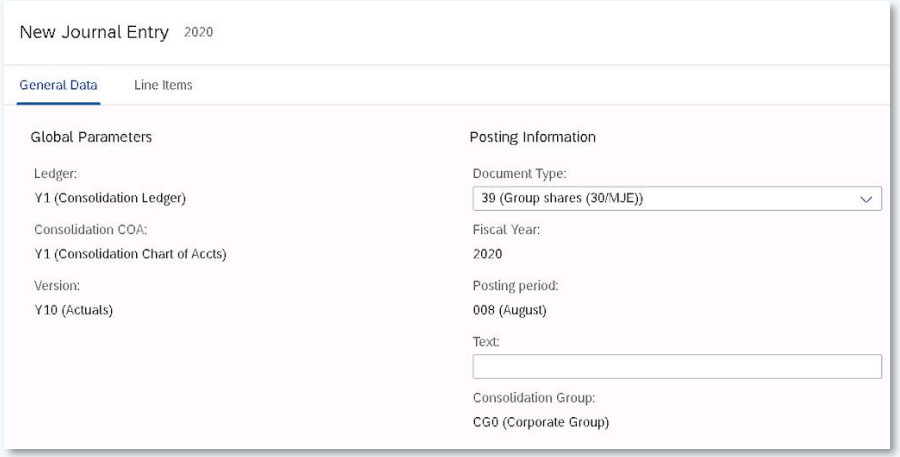


Manual Elimination PL30

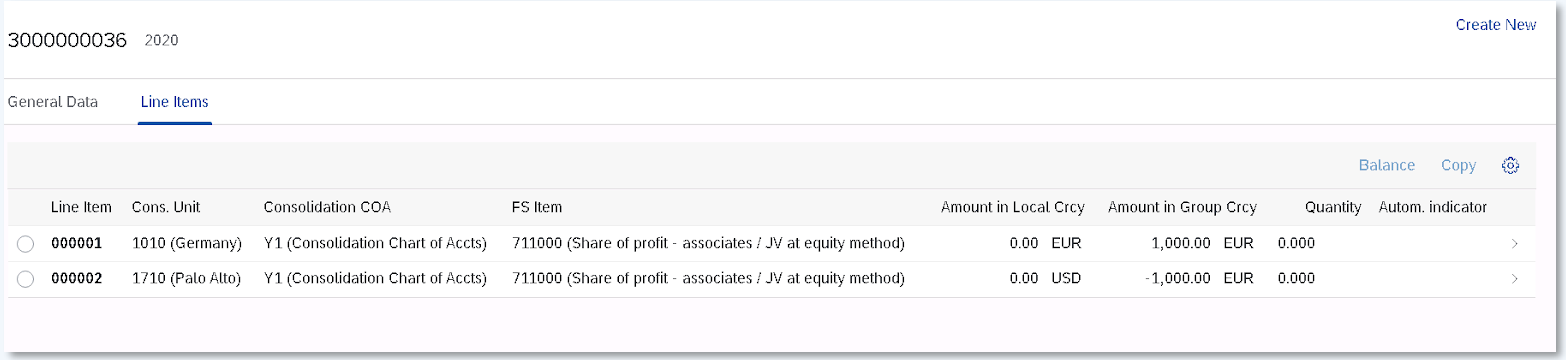
1 2 3 4
CONSOLIDATED MONITOR

Manual adjustment in posting level 30: is assigned to one consolidation group and the related consolidation units informed.

General Data



Sample of document

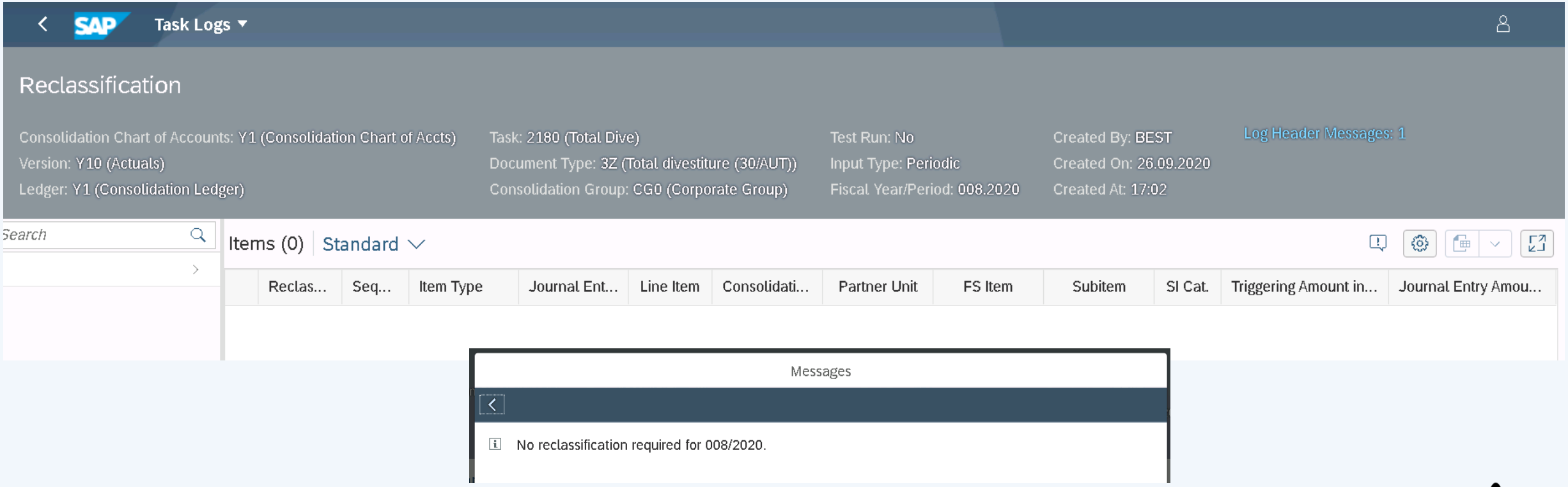


Group Reporting in SAP S/HANA 1909

Total Divestiture

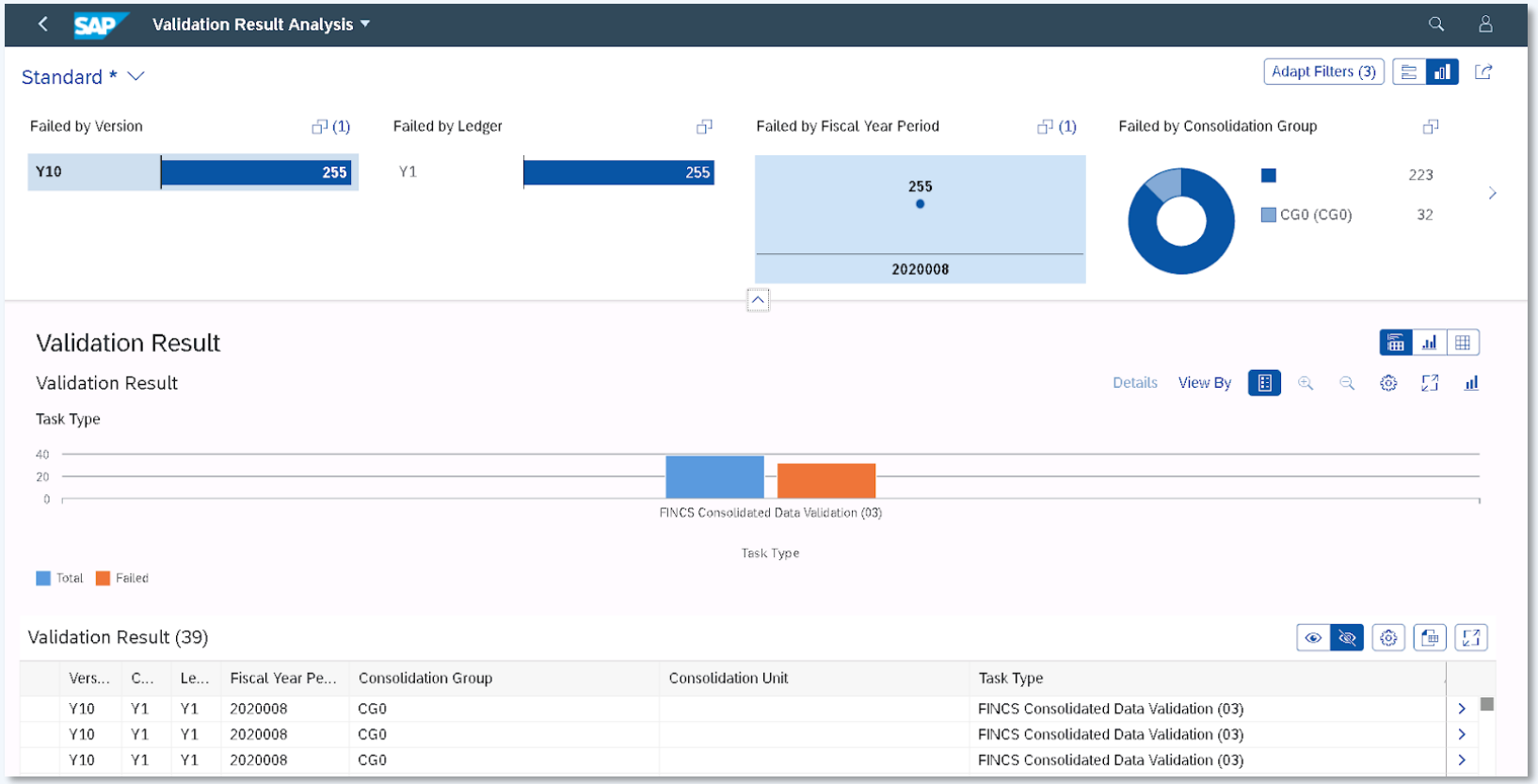
1 2 3 4
CONSOLIDATED MONITOR

Automatic adjustment posted when an entity in which investments is made completely leaves a consolidation group.



Validation of Consolidated Data

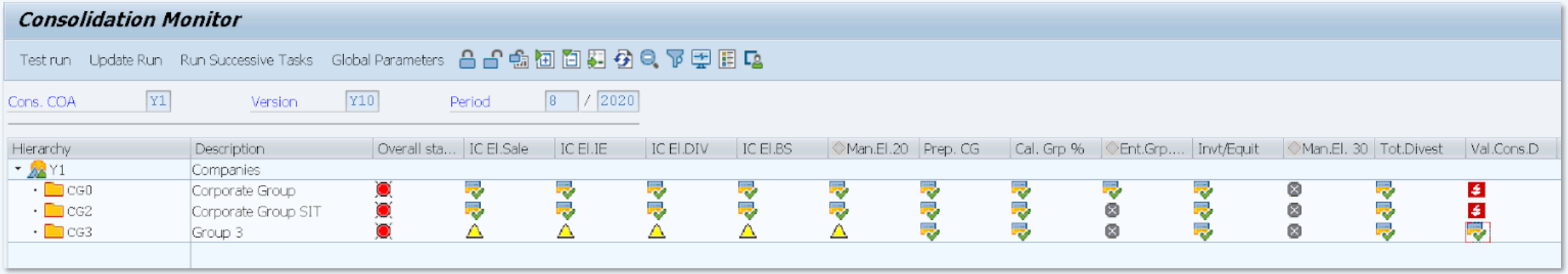
Validate the consolidated data in group currency considering the validation method assigned to the consolidation group.



Group Reporting in SAP S/HANA 1909

Results

Sample of processed data:



Consolidation Monitor

Test run | Update Run | Run Successive Tasks | Global Parameters

Cons. COA: Y1 | Version: Y10 | Period: 8 / 2020

Hierarchy	Description	Overall sta...	IC El.Sale	IC El.IE	IC El.DIV	IC El.BS	Man.El.20	Prep. CG	Cal. Grp %	Ent.Grp....	Invt/Equit	Man.El. 30	Tot.Divest	Val.Cons.D
Y1	Companies													
CG0	Corporate Group													
CG2	Corporate Group SIT													
CG3	Group 3													

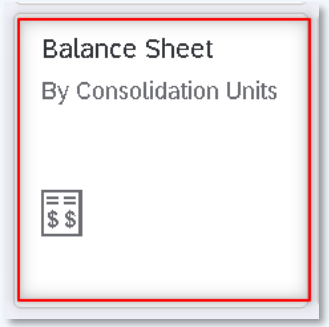
Group Reporting in SAP S/HANA 1909

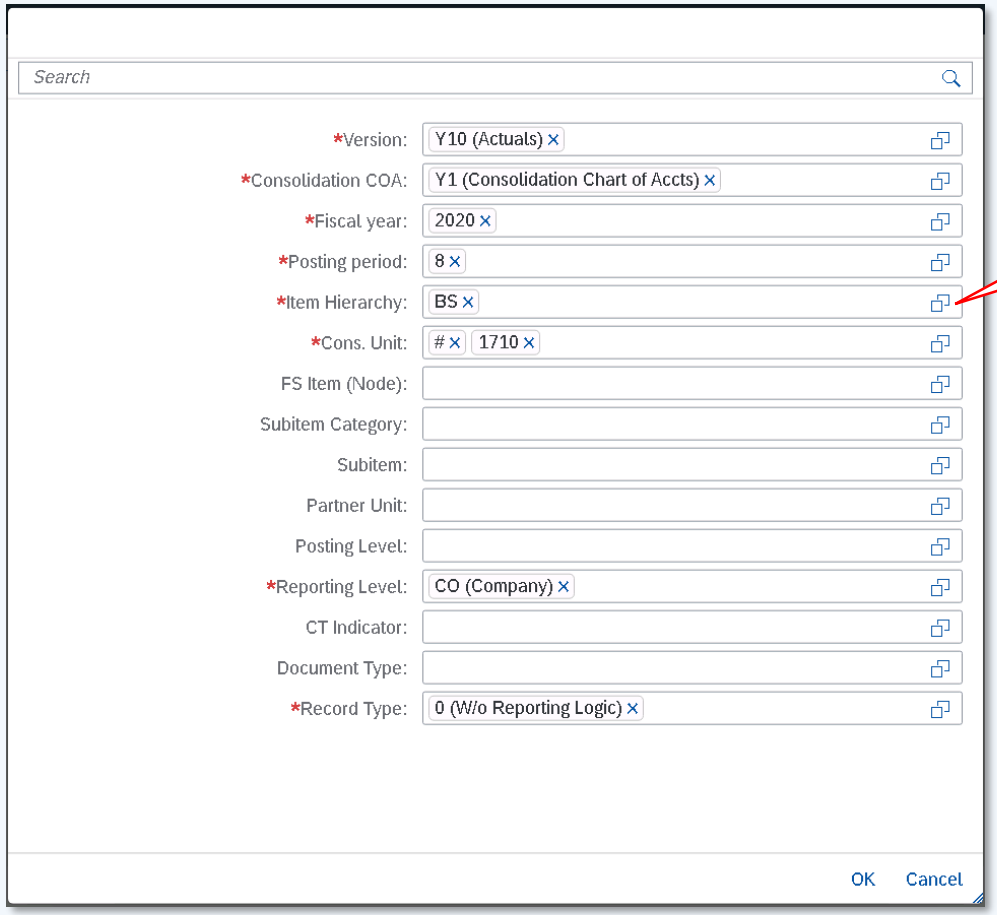
REPORTING

- Local Reporting
- Consolidated Reporting
- SAP Analytics Cloud

Group Reporting in SAP S/HANA 1909

Local Reporting





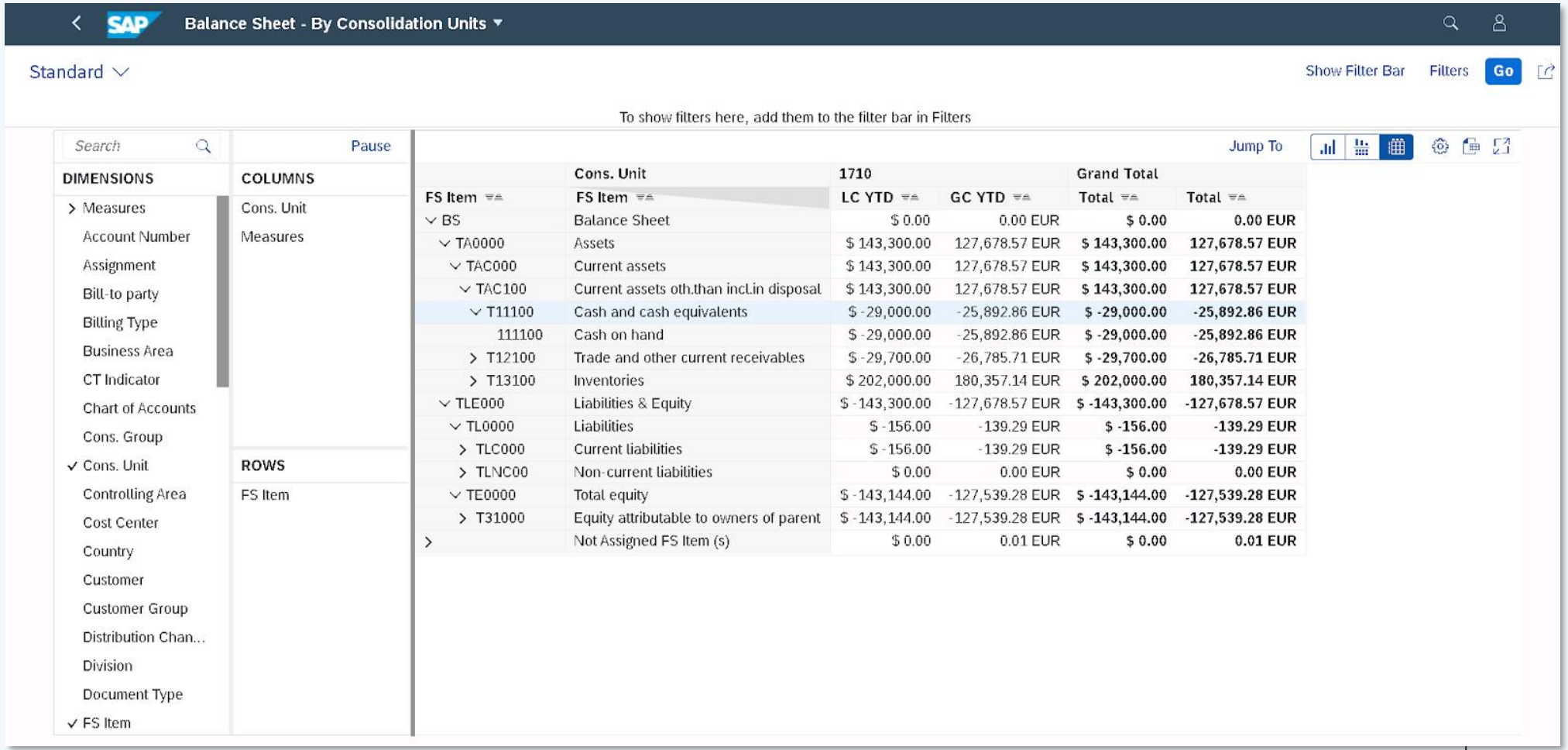
Hierarchy of FS Items:
Balance Sheet, P&L…

Group Reporting in SAP S/HANA 1909

BARCELONA
SAP Inside Track

Local Reporting

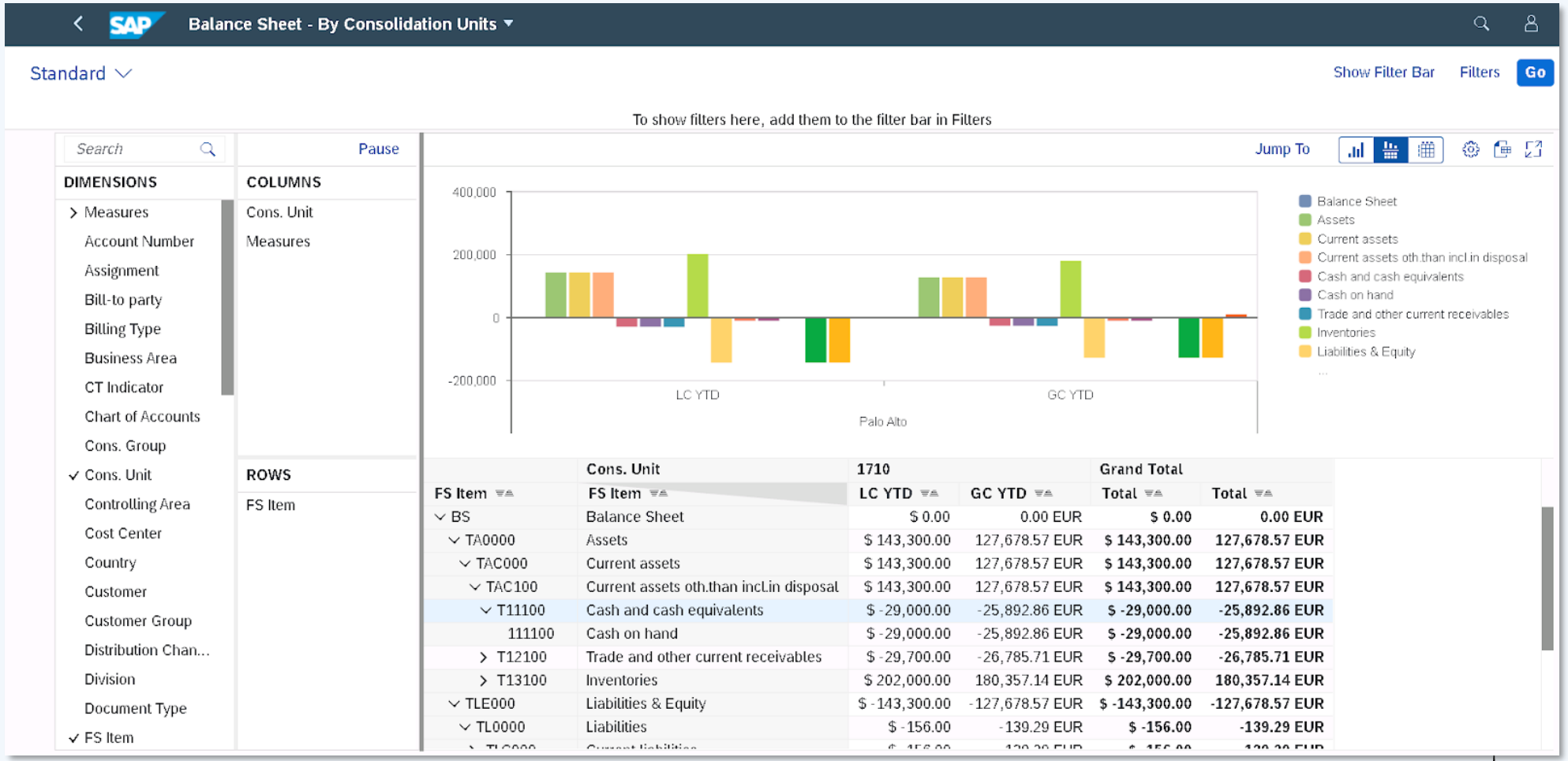
1 2 3 4
REPORTING



	Cons. Unit	1710		Grand Total	
FS Item	FS Item	LC YTD	GC YTD	Total	Total
BS	Balance Sheet	$ 0.00	0.00 EUR	$ 0.00	0.00 EUR
TA0000	Assets	$ 143,300.00	127,678.57 EUR	$ 143,300.00	127,678.57 EUR
TAC000	Current assets	$ 143,300.00	127,678.57 EUR	$ 143,300.00	127,678.57 EUR
TAC100	Current assets oth.than incl.in disposal	$ 143,300.00	127,678.57 EUR	$ 143,300.00	127,678.57 EUR
T11100	Cash and cash equivalents	$ -29,000.00	-25,892.86 EUR	$ -29,000.00	-25,892.86 EUR
111100	Cash on hand	$ -29,000.00	-25,892.86 EUR	$ -29,000.00	-25,892.86 EUR
T12100	Trade and other current receivables	$ -29,700.00	-26,785.71 EUR	$ -29,700.00	-26,785.71 EUR
T13100	Inventories	$ 202,000.00	180,357.14 EUR	$ 202,000.00	180,357.14 EUR
TLE000	Liabilities & Equity	$ -143,300.00	-127,678.57 EUR	$ -143,300.00	-127,678.57 EUR
TL0000	Liabilities	$ -156.00	-139.29 EUR	$ -156.00	-139.29 EUR
TLC000	Current liabilities	$ -156.00	-139.29 EUR	$ -156.00	-139.29 EUR
TLNC00	Non-current liabilities	$ 0.00	0.00 EUR	$ 0.00	0.00 EUR
TE0000	Total equity	$ -143,144.00	-127,539.28 EUR	$ -143,144.00	-127,539.28 EUR
T31000	Equity attributable to owners of parent	$ -143,144.00	-127,539.28 EUR	$ -143,144.00	-127,539.28 EUR
	Not Assigned FS Item (s)	$ 0.00	0.01 EUR	$ 0.00	0.01 EUR

Group Reporting in SAP S/HANA 1909

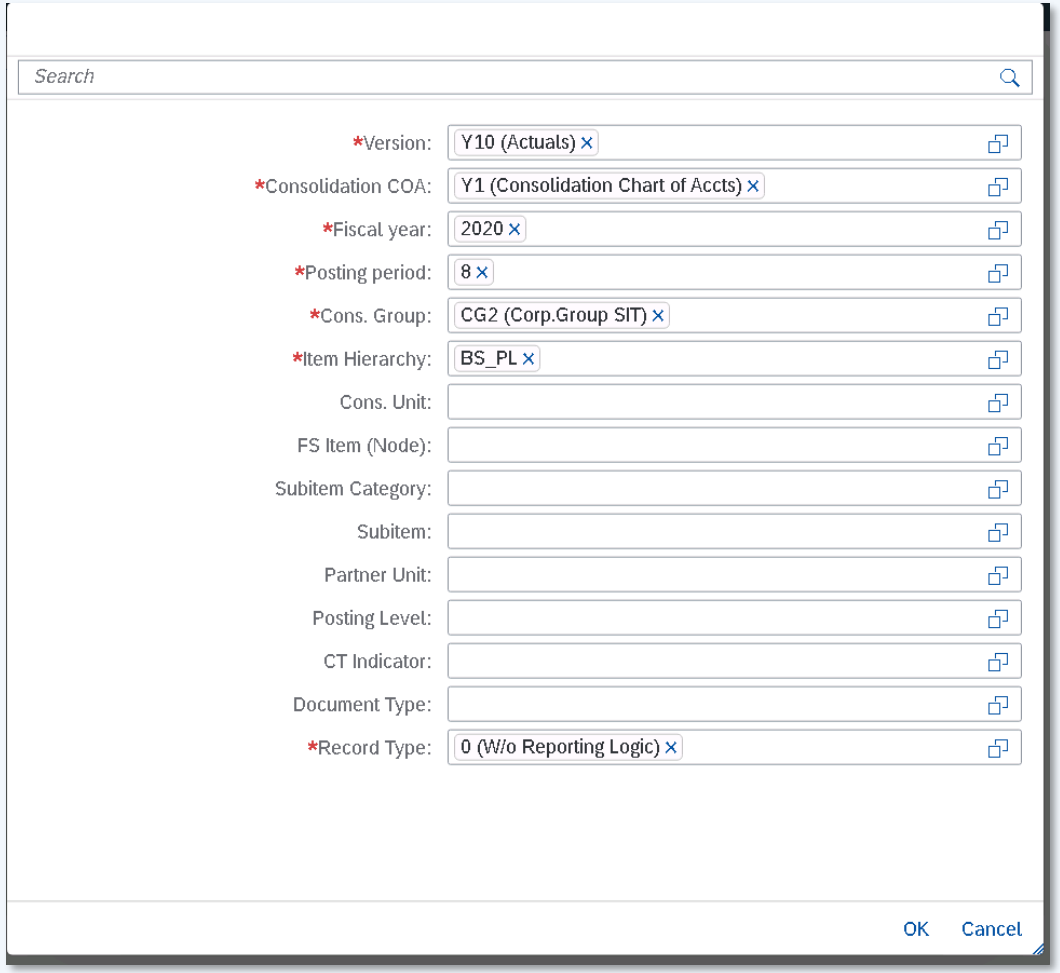
Local Reporting



	Cons. Unit	1710		Grand Total	
FS Item	FS Item	LC YTD	GC YTD	Total	Total
BS	Balance Sheet	$ 0.00	0.00 EUR	$ 0.00	0.00 EUR
TA0000	Assets	$ 143,300.00	127,678.57 EUR	$ 143,300.00	127,678.57 EUR
TAC000	Current assets	$ 143,300.00	127,678.57 EUR	$ 143,300.00	127,678.57 EUR
TAC100	Current assets oth.than incl.in disposal	$ 143,300.00	127,678.57 EUR	$ 143,300.00	127,678.57 EUR
T11100	Cash and cash equivalents	$ -29,000.00	-25,892.86 EUR	$ -29,000.00	-25,892.86 EUR
111100	Cash on hand	$ -29,000.00	-25,892.86 EUR	$ -29,000.00	-25,892.86 EUR
T12100	Trade and other current receivables	$ -29,700.00	-26,785.71 EUR	$ -29,700.00	-26,785.71 EUR
T13100	Inventories	$ 202,000.00	180,357.14 EUR	$ 202,000.00	180,357.14 EUR
TLE000	Liabilities & Equity	$ -143,300.00	-127,678.57 EUR	$ -143,300.00	-127,678.57 EUR
TL0000	Liabilities	$ -156.00	-139.29 EUR	$ -156.00	-139.29 EUR

Consolidated Reporting

Consolidated Balance Sheet



Group Reporting in SAP S/HANA 1909

Consolidated Reporting

Standard

Show Filter Bar | Filters | Go

To show filters here, add them to the filter bar in Filters

Search | Pause

DIMENSIONS
- Measures
- Account Number
- Assignment
- Bill-to party
- Billing Type
- Business Area
- CT Indicator
- Chart of Accounts
- Cons. Group
- Cons. Unit
- Controlling Area
- Cost Center
- Country
- Customer
- Customer Group
- Distribution Chan...
- Division
- Document Type
- ✓ FS Item

COLUMNS
- Posting Level
- Measures

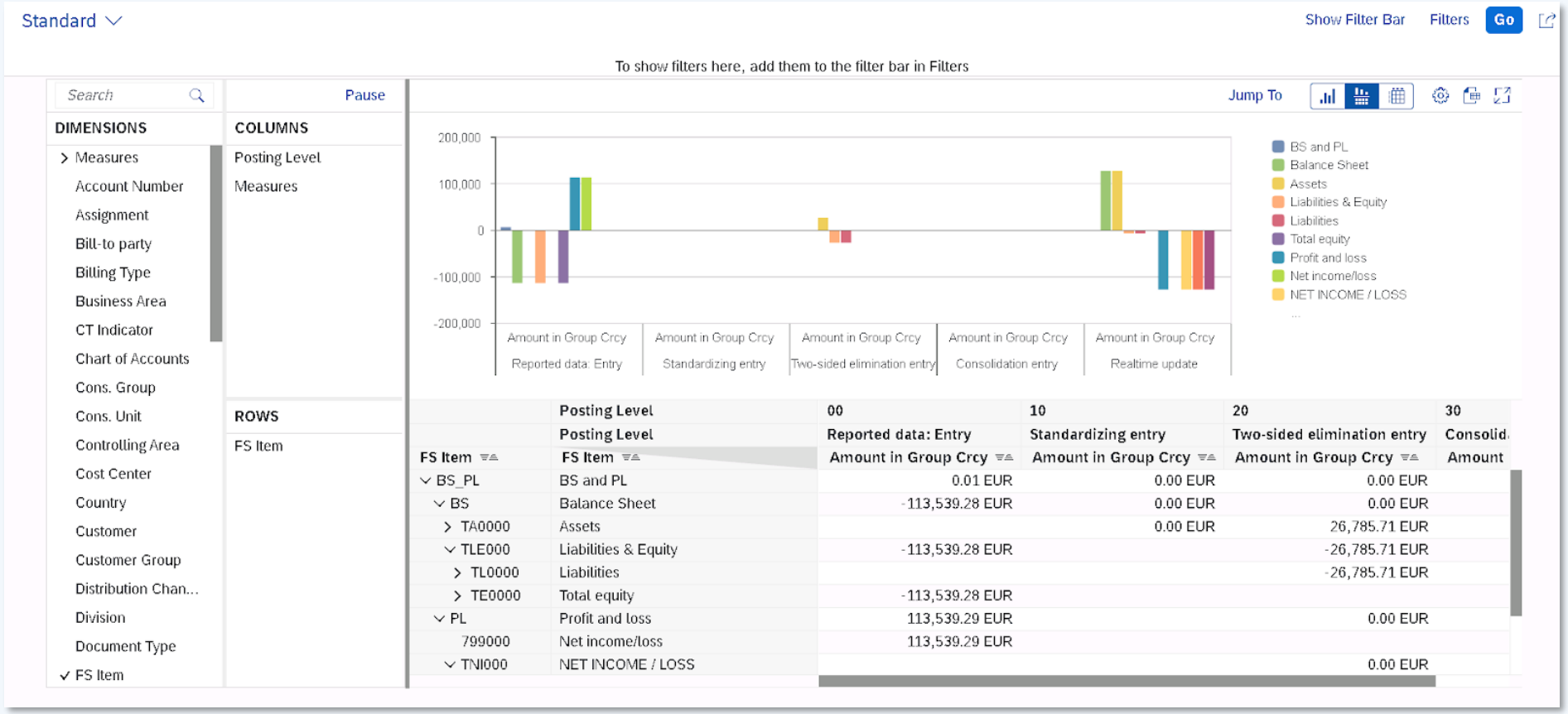
ROWS
- FS Item

Jump To

FS Item	Posting Level	00	10	20	30
	Posting Level	Reported data: Entry	Standardizing entry	Two-sided elimination entry	Consolidati
FS Item	FS Item	Amount in Group Crcy	Amount in Group Crcy	Amount in Group Crcy	Amount in
BS_PL	BS and PL	0.01 EUR	0.00 EUR	0.00 EUR	
BS	Balance Sheet	-113,539.28 EUR	0.00 EUR	0.00 EUR	
TA0000	Assets		0.00 EUR	26,785.71 EUR	
TLE000	Liabilities & Equity	-113,539.28 EUR		-26,785.71 EUR	
TL0000	Liabilities			-26,785.71 EUR	
TE0000	Total equity	-113,539.28 EUR			
PL	Profit and loss	113,539.29 EUR		0.00 EUR	
799000	Net income/loss	113,539.29 EUR			
TNI000	NET INCOME / LOSS			0.00 EUR	
TCO100	Profit (loss) from continuing operations			0.00 EUR	
TBT000	Profit (loss) before tax			0.00 EUR	
	Not Assigned FS Item (s)		0.00 EUR		

Group Reporting in SAP S/HANA 1909

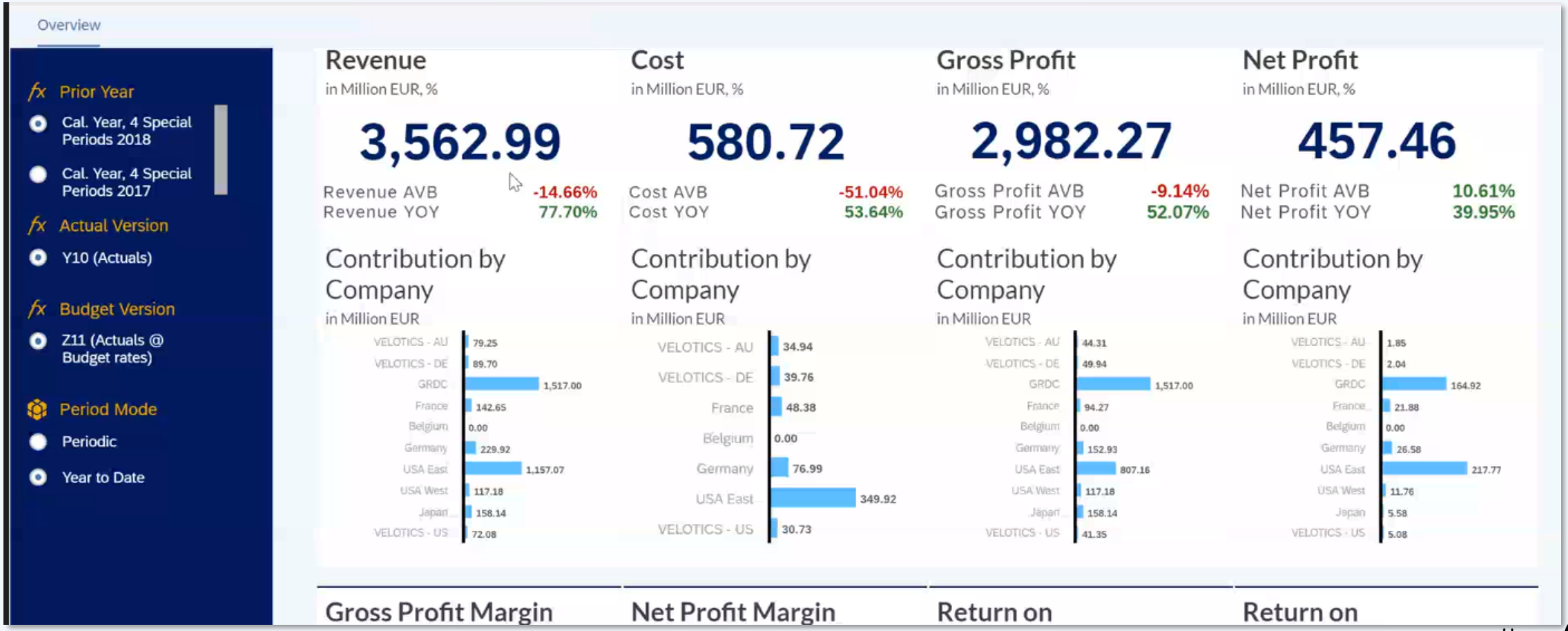
Consolidated Reporting



	Posting Level	00	10	20	30
	Posting Level	Reported data: Entry	Standardizing entry	Two-sided elimination entry	Consolid
FS Item	FS Item	Amount in Group Crcy	Amount in Group Crcy	Amount in Group Crcy	Amount
BS_PL	BS and PL	0.01 EUR	0.00 EUR	0.00 EUR	
BS	Balance Sheet	-113,539.28 EUR	0.00 EUR	0.00 EUR	
TA0000	Assets		0.00 EUR	26,785.71 EUR	
TLE000	Liabilities & Equity	-113,539.28 EUR		-26,785.71 EUR	
TL0000	Liabilities			-26,785.71 EUR	
TE0000	Total equity	-113,539.28 EUR			
PL	Profit and loss	113,539.29 EUR		0.00 EUR	
799000	Net income/loss	113,539.29 EUR			
TNI000	NET INCOME / LOSS			0.00 EUR	

Group Reporting in SAP S/HANA 1909

SAP Analytics Cloud



Group Reporting in SAP S/HANA 1909

Daniel Mateo
SAP S/4HANA Project Lead

THANKS!

www.linkedin.com/in/dmateop