



Consolidation is coming home

S/4HANA Group Reporting

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March 8th, 2019

PUBLIC



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Agenda

Solution overview

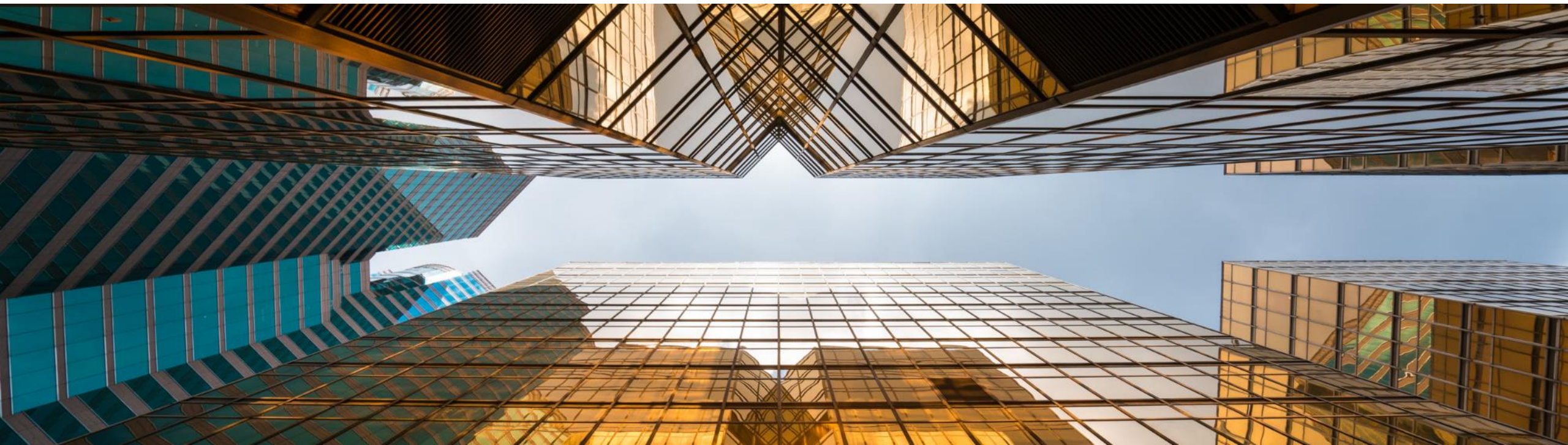
Data collection

Rule-based consolidation

Flexible reporting

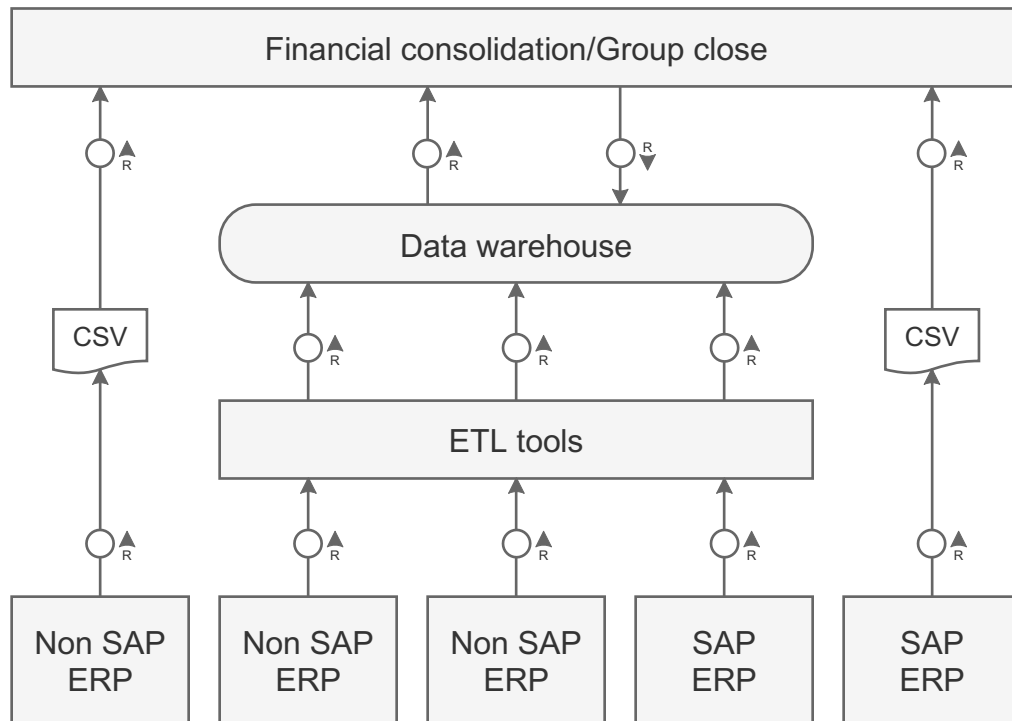
Roadmap

SOLUTION OVERVIEW

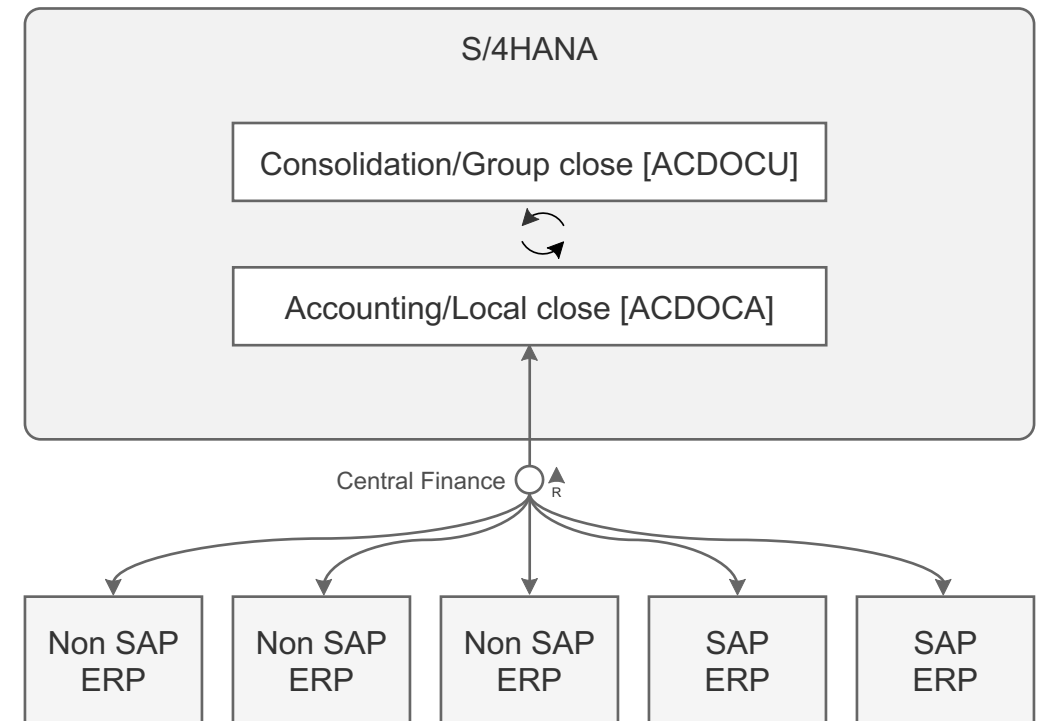


GROUP REPORTING LANDSCAPES

LEGACY LANDSCAPE

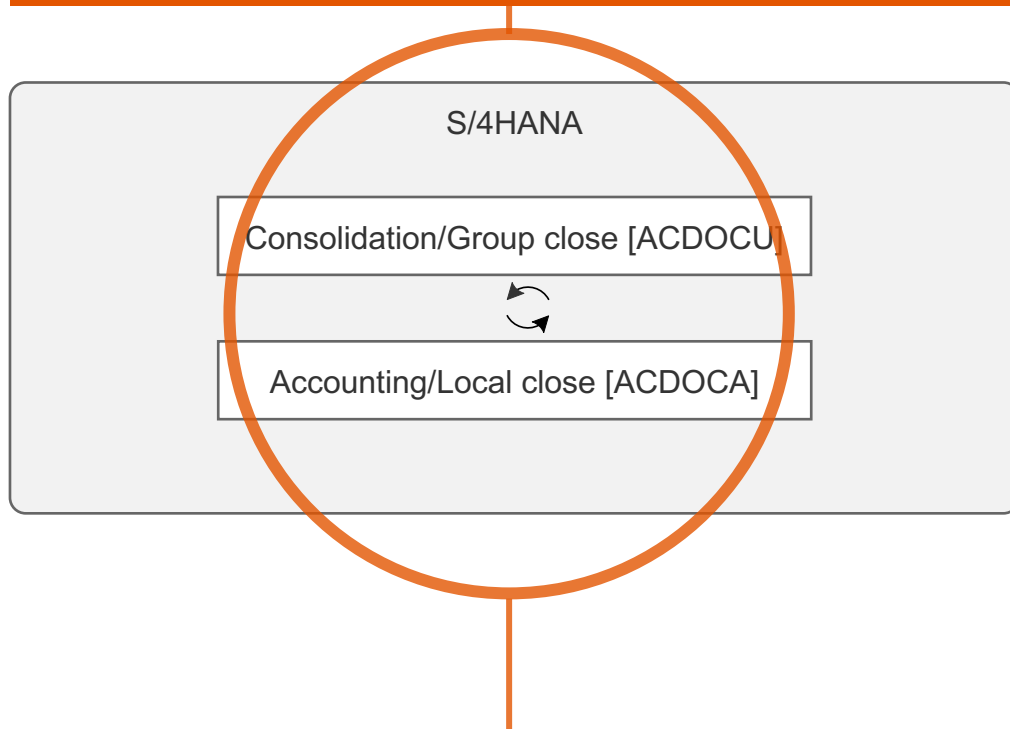


S/4HANA LANDSCAPE



UNIFIED ENTITY AND GROUP CLOSE

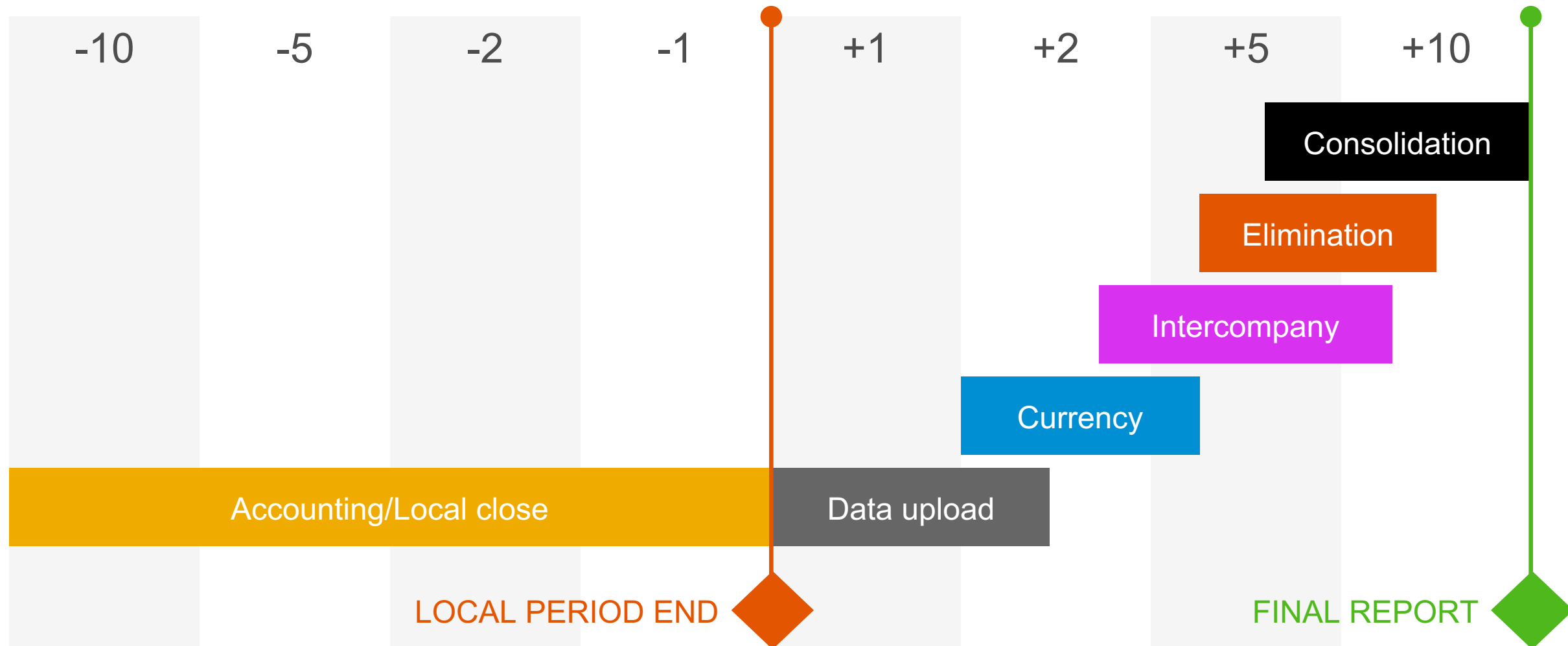
S/4HANA LANDSCAPE



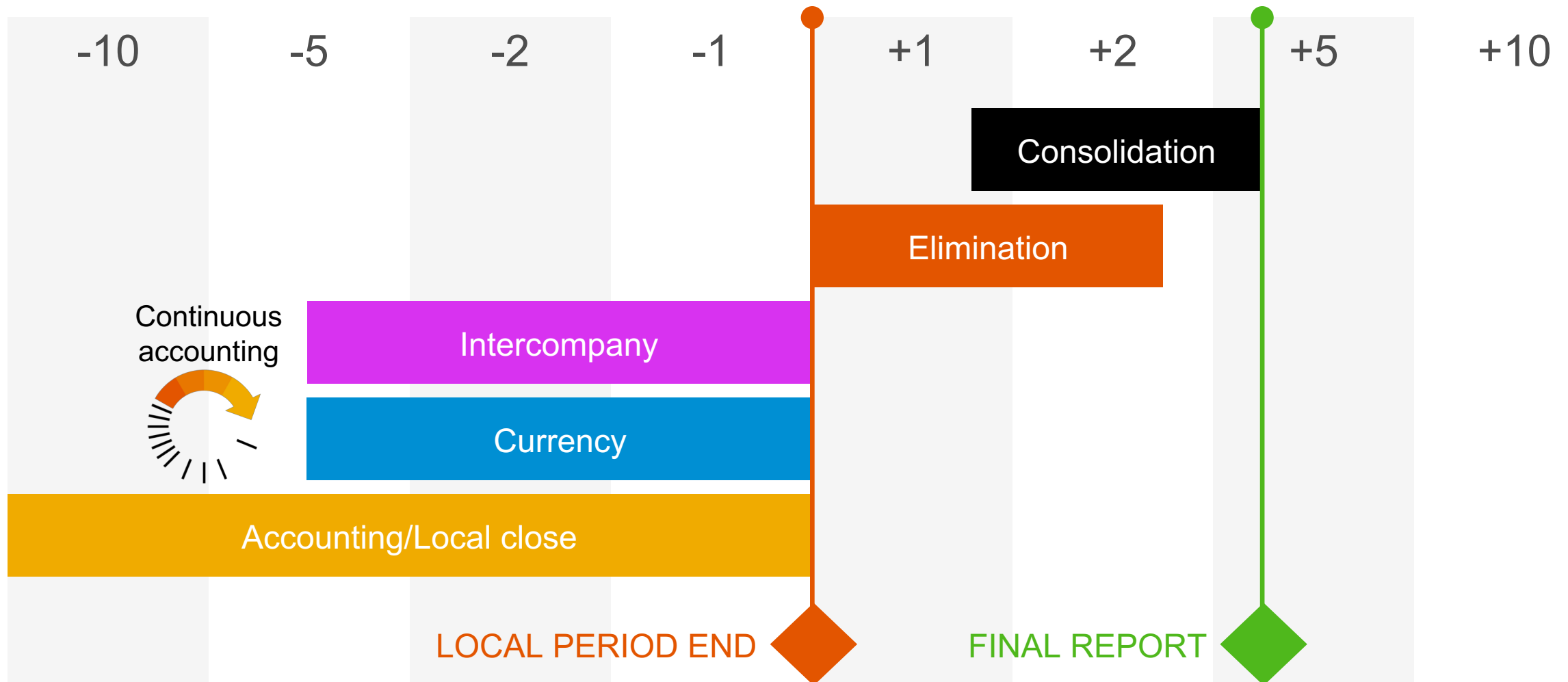
Unification of local and group close

- Ensure data quality
Local close and group close share the same master data / rules; you can continuously check postings against central validation rules
- Accelerate your group close process
You can post adjustments locally and results are provided immediately for group reporting; you can perform a series of group reporting steps before the group reporting (e.g. currency translation)
- Transparency and auditability
Fully enabled drill-through from group reporting to the line-items of the entity (instead of transformation in multiple systems); “single source of truth” group reporting with free-of-choice fields from S/4HANA

LEGACY GROUP REPORTING SCHEDULE



S/4HANA FOR GROUP REPORTING SCHEDULE



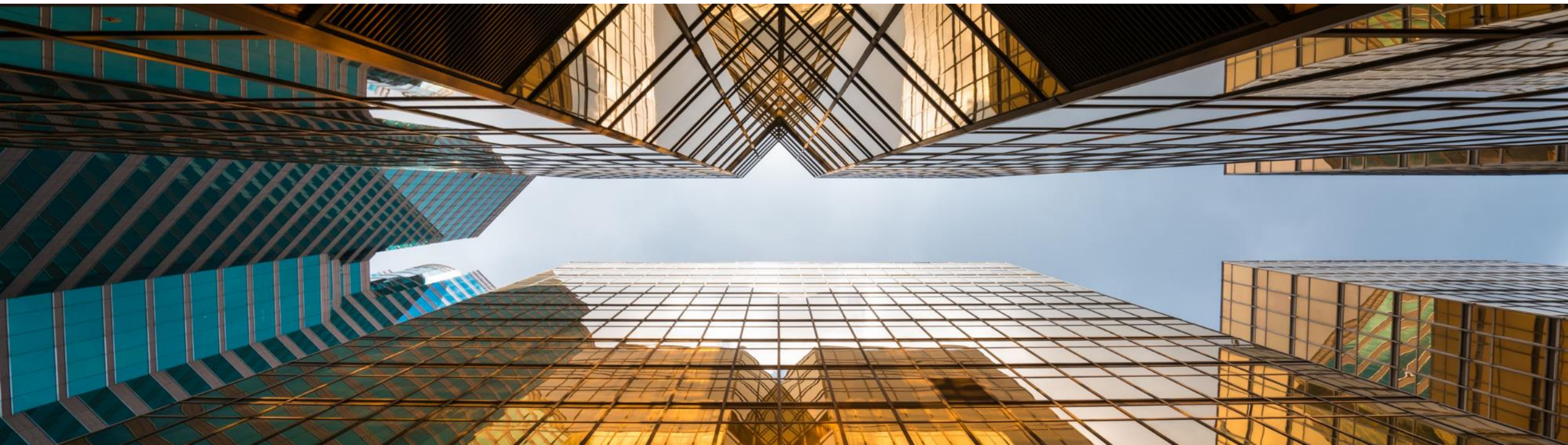
BUILDING BLOCKS FOR GROUP REPORTING



BUILDING BLOCKS FOR GROUP REPORTING



DATA COLLECTION

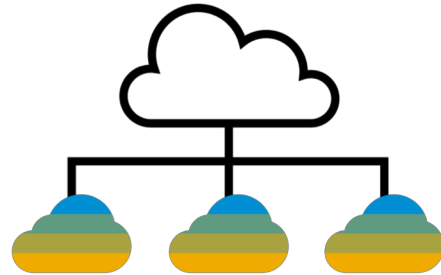


COLLECTING DATA FOR S/4HANA GROUP REPORTING



Integrated approach

- Your local accounting takes place in the same S/4HANA system as used for the Group Reporting process
- Consolidation reads data dynamically from accounting into Group Reporting by applying prebuilt mapping routines.



API

- You are using an SAP or non-SAP accounting system
- You can send your accounting data to Group Reporting via an API



File Upload

- You generate a flat file from your accounting system and upload the file into Group Reporting
- You fill in an Excel sheet and upload it as flat file



Manual Data Collection

- You provide data entry forms to your subsidiaries to submit financial data
- You enrich automatically provided data with manual additions

INTEGRATED APPROACH – DATA RELEASE INTO S/4HANA GROUP REPORTING

Release Reported Financial Data

More ▾ Exit

Reported Financial Data (Total) | Reported Financial Data (Difference)

Consolidation Unit	Last changed by	Changed on	Changed...
☒ 1010	CB9980000044	05/23/2017	09:21:13
☒ 1110			00:00:00
☒ 1210			00:00:00
☒ 1310			00:00:00
☒ 1410			00:00:00
☒ 1510			00:00:00
☒ 1710			00:00:00
☒ 2110			00:00:00
☒ 2210			00:00:00
☒ 2310			00:00:00
☒ 2410			00:00:00
☒ 2510			00:00:00
☒ 2910			00:00:00
☒ 3010			00:00:00
☒ 3310			00:00:00
☒ 3710			00:00:00
☒ 4210			00:00:00
☒ 5410			00:00:00
☒ 5810			00:00:00
☒ 6110			00:00:00

You can control when accounting data is released for consolidation

Data is timestamped to prevent disruption to ongoing corporate closing

BestRun | Release Reported Financial Data

Reported Financial Data (Total)

Cons. Unit	CA	FS Item	SC	Subitem	Partn. Unit	OrCC	PL	Tran	DT	AcYr	Per	TC	TC Value	LC	Value (LC)	GC	GC Value	U/M	Quantity	COA	Account	Assignm...	Cost Center	F
1110	Y1	111100	1	915		1110			0F			GBP	9,198.10-	GBP	9,198.10-	EUR	9,198.10-			YCOA	11001000	20161205		
	Y1		1			1110			0F			GBP	31,166.70-	GBP	31,166.70-	EUR	31,166.70-			YCOA	10010000	20161212		
	Y1		1			1110			0F			GBP	999.00	GBP	999.00	EUR	999.00			YCOA	10010000	20161225		
	Y1		1			1110			0F			GBP	2,997.00	GBP	2,997.00	EUR	2,997.00			YCOA	10010000	20161220		
	Y1	121100	1			1110			0F			GBP	26,000.00	GBP	26,000.00	EUR	26,000.00			YCOA	12100000			
	Y1	121800	1			1110			0F			GBP	5,720.00	GBP	5,720.00	EUR	5,720.00			YCOA	12610000			
	Y1		1			1110			0F			GBP	7,238.03	GBP	7,238.03	EUR	7,238.03			YCOA	12600000			
	Y1		1		3010	1110			0F			GBP	333.33	GBP	333.33	EUR	333.33			YCOA	12600000			
	Y1		1		3010	1110			0F			GBP	666.66	GBP	666.66	EUR	666.66			YCOA	12600000			
	Y1	131600	1			1110			0F			GBP	5,666.67	GBP	5,666.67	EUR	5,666.67			YCOA	13300000		11101101	

DATA COLLECTION VIA SAP CLOUD PLATFORM

The screenshot displays the SAP Group Reporting Data Collection interface. The left sidebar shows a navigation menu with categories like 'Reports (20)', 'Predefined Reports', 'Balance Sheet Accounts Detailed by Transaction Types', 'Financial Assets', 'Fixed Assets', 'Current Assets', 'Noncurrent Assets', 'Financial Liabilities', 'Provisions', 'Current Liabilities', 'Noncurrent Liabilities', 'Equity', 'Profit and Loss', 'Balance Sheet Accounts Detailed by Partners', 'Summary Layouts', 'Correction of Universal Journal', and 'Custom Reports'. The main area is titled 'Data Entry of Financial Data in SAP Cloud Platform' and includes filters for Consolidation Unit, Version, Fiscal Year, Posting Period, Consolidation Chart of Acc..., Consolidation Ledger, Document Type, and Subitem Category. A table with 9 columns (A-I) and 27 rows is shown, detailing financial assets with transaction types and various balance and variation figures.

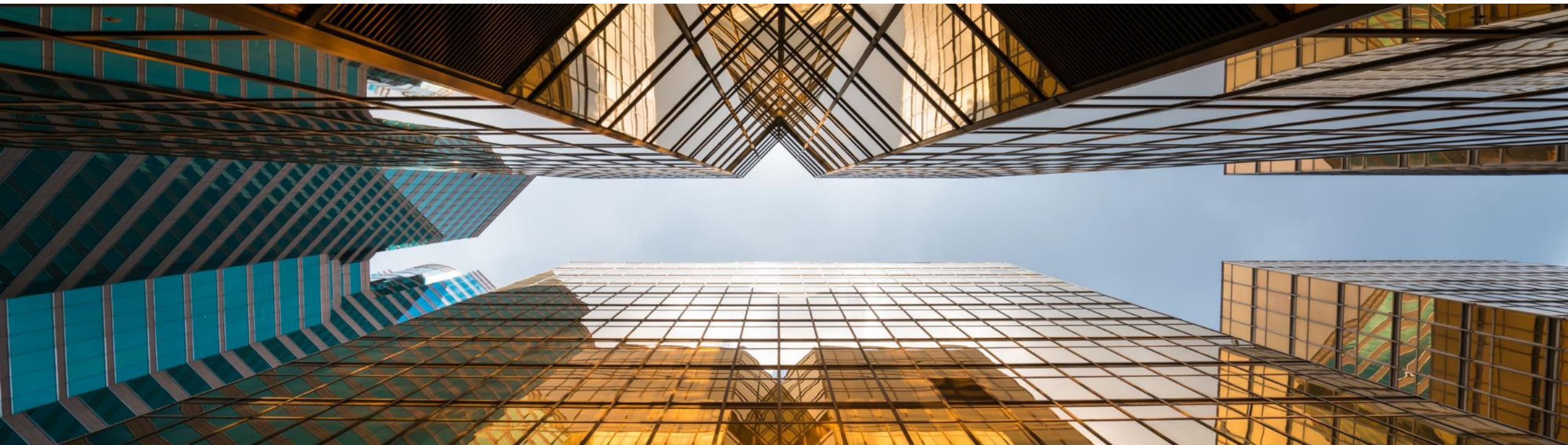
	A	B	C	D	E	F	G	H
	Transaction Types	900 - Opening balance	909 - Change in accounting policies	915 - Net variation	920 - Increase/ Purchase	925 - Increase in depreciation	930 - Dec	
1								
2	FS Item							
3	T17100 - Investments accounted for using equity method							
4	171000 - Investments accounted for using equity method							
5	T17200 - Other non-current financial assets			5,605.00	100.00	977.00		
6	172100 - Investments in subs, JV and associates, GV							
7	172190 - Investments in subs, JV and associates, Impair							
8	172200 - Other financial assets at FVTOCI, Non-current			1,825.00	100.00			
9	172300 - Derivatives, Non-current			1,320.00		200.00		
10	172400 - Financial assets at FVPL, Non-current			1,230.00		777.00		
11	172500 - Other financial assets at amort.cost, Non-Current			1,230.00				
12	T14100 - Other current financial assets			1,230.00	200.00			
13	141100 - Other financial assets at FVTOCI, Current			1,230.00	100.00			
14	141200 - Derivatives, Current				100.00			
15	141300 - Financial assets at FVPL, Current							
16	141400 - Loans and cash advances, Current, Gross							
17	141490 - Loans and cash advances, Current, Allowance							
18	141500 - Other financial assets at amortized cost, Current							
19								
20								
21								
22								
23								
24								
25								
26								
27								

SAP Group Reporting Data Collection

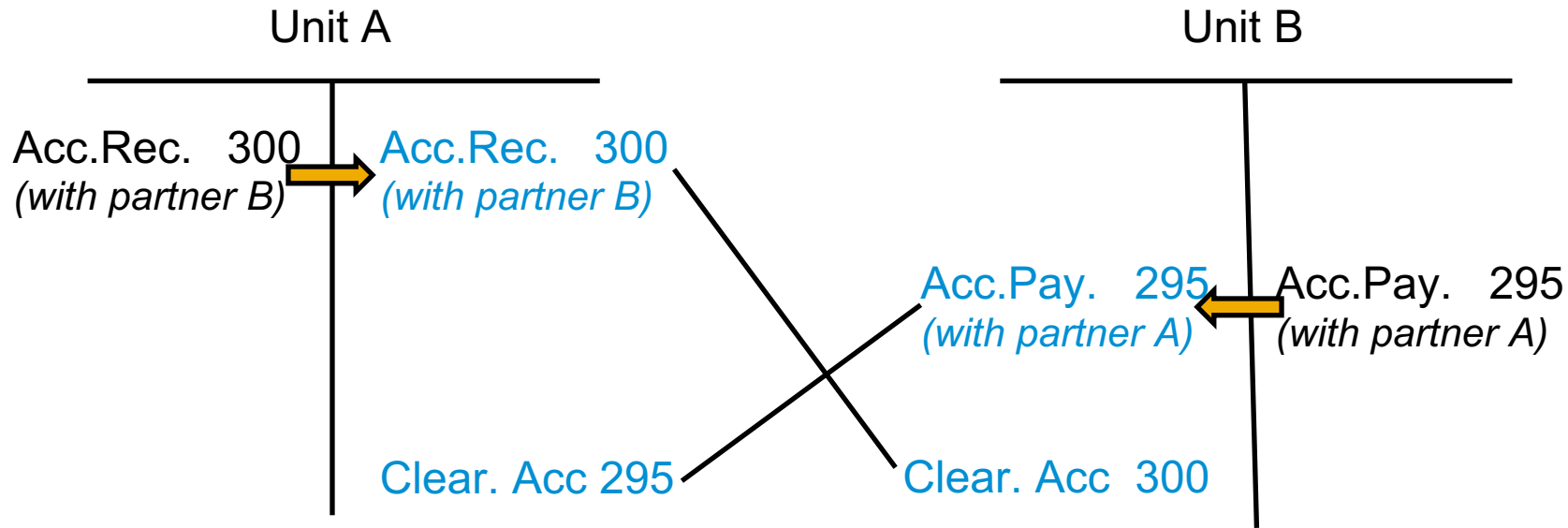
A single point of entry for all non-S/4HANA data required for group closing

- manual data collection for financials/non-financials, structured/unstructured data
- forms / questionnaires
- file import / APIs with data conversion capabilities

RULE-BASED CONSOLIDATION



INTERUNIT ELIMINATION LOGIC



Reported financial data by the unit

Elimination entries generated in consolidation

Consolidated view:

- *Internal accounts receivables + accounts payables are eliminated*
- *Intercompany difference remains on dedicated account*

RULE-BASED CONSOLIDATION

1

Items (12) Journal View * ▾										
Translation Method	Sequ...	Item Type	Line Item	Cons. Unit	Partner Unit	FS Item	Subitem	SI Cat.	Triggering Amount in...	Journal Entry Amou
Journal Entry: 4 -404.74 EUR 0.00 E										
Journal Entry: 5										
S2040 (IC Elim. Bala...	011	Triggering It...		S904 (USA ...	S900 (Germ...	121100 (Tra...	900 (Openi...	1 (Tr...	11,923.55 EUR	0.00 E
S2040 (IC Elim. Bala...	011	Journal Entry	1	S904 (USA ...	S900 (Germ...	121100 (Tra...	901 (Incomi...	1 (Tr...	0.00 EUR	-11,923.55 E
S2040 (IC Elim. Bala...	011	Journal Entry	2	S904 (USA ...	S900 (Germ...	21110D (Cl...	901 (Incomi...	1 (Tr...	0.00 EUR	11,923.55 E
									11,923.55 EUR	0.00 E

Intercompany elimination eliminating AP

2

Dialog Structure

Methods for Reclassification

Rules

Cons. COA: Y1

Version: Y10

Period: 12 / 2016

Method: S2040

IC Elim. Balance Sheet

Sequence number: 020

Settings

Trigger

Src-dest

Percentage

Sel. Trigger: Y-IUE-BS-AP IC Elim. BS Trade F

IC Elim. BS Trade Payables Trigger

The IC Elim method contains a selection trigger

3

Selection ID: Y-IUE-BS-AP							
Selection Name: IC Elim. BS Trade Payables Trigger							
Add Characteristic ▾							
Field Name	Field Description	Value From	Value To	FS Item Attribute Name	FS Item Attribute Desc.	Attribute Value Name	Value Description
☐ RITCLG	Cons. COA	Y1		S-ELIMINATION	Elimination	S-IUE_BS_AP	IC Trade Payables
☐ RITEM	FS Item						
☐ RBUPTR	Partner Unit	0	ZZZZZZ				
☐ SITYP	Subitem Category	1					
☐ SUBIT	Subitem	901	998				
☐ DOCTY	Document Type	2G					
☐ DOCTY	Document Type	00	1Z				
☐ DOCTY	Document Type	2Z	3Z				

The selection contains many attributes that need to be fulfilled

4

BestRun

Define Financial Statement Items ▾

Standard * ▾

Search

Consolidation COA: Y1

FS Item: 211100

FS Item Type:

Breakdown Category:

Elimination Attribute:

Curn

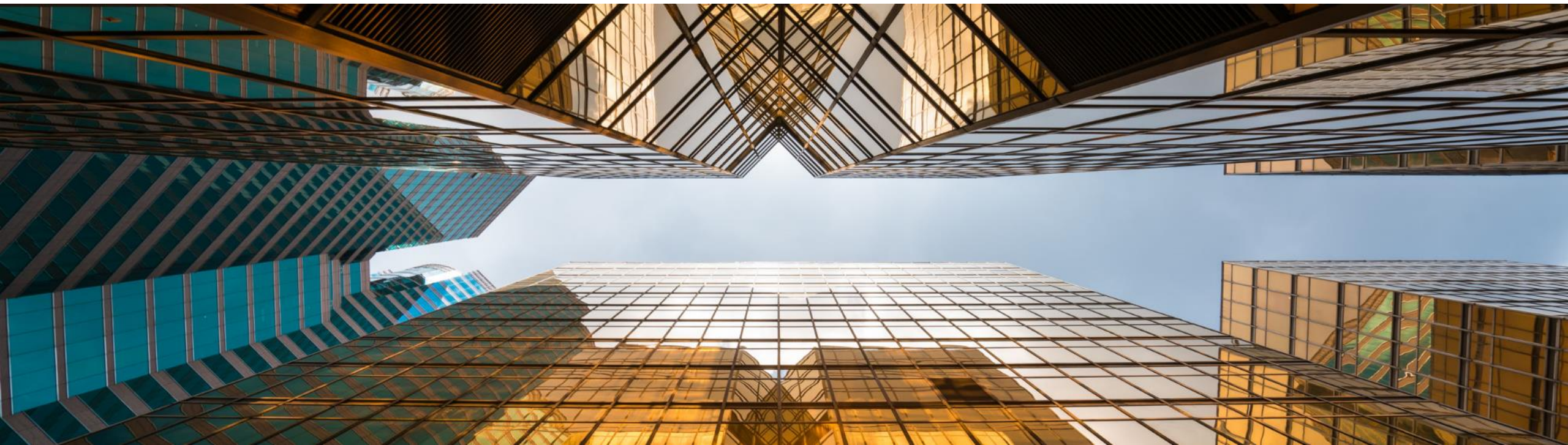
FS Items (1)

Co...	FS Item	Name	FS Item Type	Breakdo...	Elimination Attribute	CT Attribute
☐ Y1	211100	Tra pay L,NC	Liabilities and Equity	1B10	S-IUE_BS_AP (IC Trade Payables)	S-CT-BS-CLO (B/S items - closing rate)

The relevant AP elimination attribute is assigned to the FS item for trade payables

You can thus use predefined rules for any new FS item you create

FLEXIBLE REPORTING



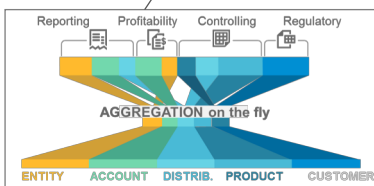
REPORTING TRANSPARENCY

Cash Flow Statement - By Consolidation Units

Standard * ▼ Show Filter Bar Filters

Search	Pause	Jump To						
DIMENSIONS	COLUMNS	Consolidation Unit	1110	3010				
		Reporting Item	GC Prior-Year Period	LC Period	LC Prior-Year Period	GC Period	GC Prior-Y	
Measures	Consolidation Unit	SCF300	0.00 EUR	£ -39,365.80	£ 0.00	0.00 EUR		
Account Number	Measures	SCF200	0.00 EUR	£ -47,201.00	£ 0.00	-262.50 EUR		
Assignment		SCF100		£ -33,361.97		2,625.00 EUR		
Bill-To Party		SCF211	-138,889.17 EUR	£ -1,666.67	£ -1,666.67			
Billing Type		SCF212		£ -26,000.00		-2,887.50 EUR		
Business Area		SCF213	-27,777.50 EUR	£ -13,291.36	£ -333.33			
Chart of Accounts		SCF214	166,666.67 EUR	£ -5,600.00	£ -2,000.00			
Consolidation Group		SCF215		£ 32,700.00				
Consolidation Unit		SCF320		£ 7,800.00		262.50 EUR		
Controlling Area		SCF400		£ 2,900.00				
Cost Center		SCF491		£ 2,900.00				
Country	ROWS	SCF610	0.00 EUR	£ 0.00	£ 0.00			
Currency Translati...	Reporting Item	SCF700	0.00 EUR	£ -36,368.80	£ 0.00			
Customer		SCF720	0.00 EUR	£ -36,368.80	£ 0.00			
Customer Group		SCF900	0.00 EUR	£ 0.00	£ 0.00	0.00 EUR		
Distribution Channel		SCF920	0.00 EUR	£ 0.00	£ 0.00	0.00 EUR		
Division		SCF923	0.00 EUR	£ 0.00	£ 0.00	0.00 EUR		
Document Type								
FS Item								
Fiscal Year								

Drill through to group journal list, and in case of underlying accounting document down to accounting journal

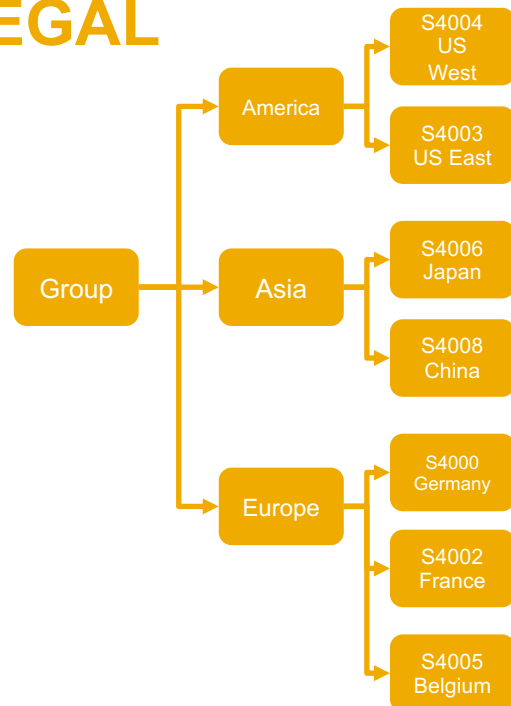


Access to selection of operational dimensions of universal journal

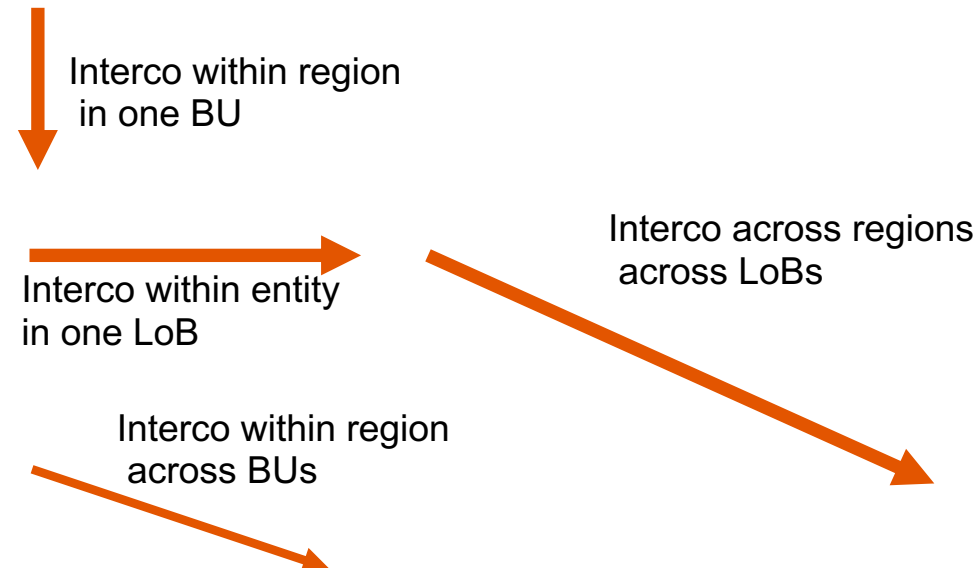
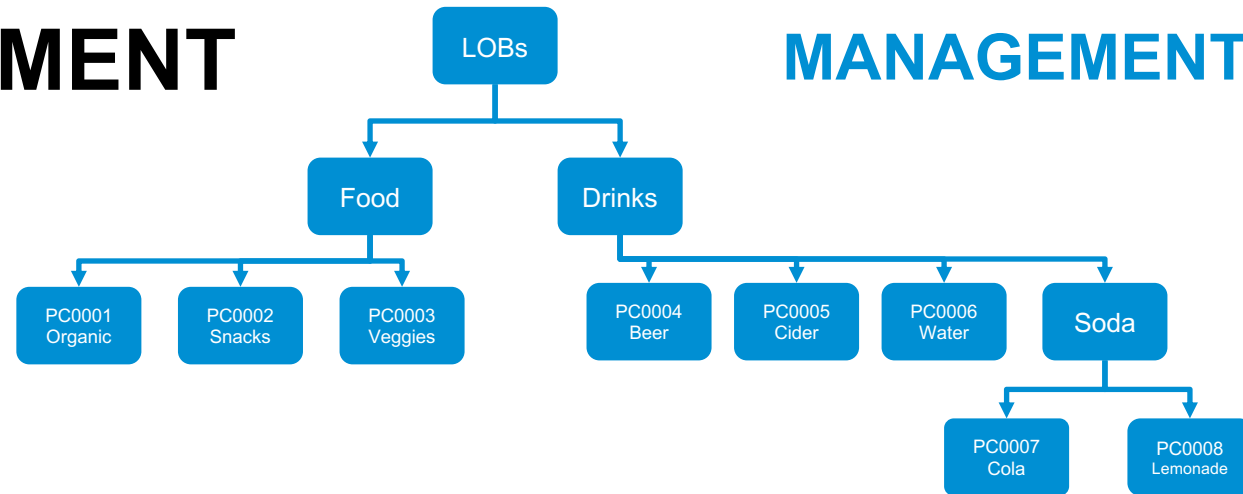
[Reporting demo](#)

LEGAL AND MANAGEMENT HIERARCHIES

LEGAL



MANAGEMENT



REPORTING HIERARCHIES MAINTAINED CENTRALLY

The screenshot displays the SAP 'Manage Global Accounting Hierarchies' interface. A blue callout box labeled 'CE1902' is positioned in the top right corner. Five numbered callouts highlight specific features: 1. A dropdown menu for 'Type' showing options like 'Consolidation Profit Center' (selected), 'Consolidation Business Area', 'Consolidation Cost Center', 'Consolidation Financial Statement Item', 'Consolidation Functional Area', 'Consolidation Reporting Item', 'Consolidation Segment', 'Consolidation Supplier', and 'Consolidation Unit'. 2. A 'Dates Valid' field showing a date range '11/17/2008 - 12/3...'. 3. A 'Nodes' list showing a hierarchy: 'LOB_GD (Lines of Business)' containing 'FOOD (Food)' (with nodes PC0001, PC0002, PC0003) and 'BEVERAGE (Beverage)' (with node PC0004). 4. A table of nodes with columns for dates, status, and actions (plus, minus, delete, etc.). 5. An 'Export/Import' button.

Standard * ▾

Search

Hierarchy ID:

Dates Valid: MM/dd/yyyy - MM/dd/yyyy

Type: Consolidation Profit Center

Consolidation Business Area

Consolidation Cost Center

Consolidation Financial Statement Item

Consolidation Functional Area

Consolidation Profit Center

Consolidation Reporting Item

Consolidation Segment

Consolidation Supplier

Consolidation Unit

LOB_GD - Consolidation Profit Center

Lines of Business

Hierarchy

Timeframe

Dates Valid: 11/17/2008 - 12/3...

Note:

Created On: 11/17/2018, 18:15:18

Status: In Revision

Simulate: OFF

Filter

Export/Import

Nodes

LOB_GD (Lines of Business)

FOOD (Food)

PC0001 (PC0001)

PC0002 (PC0002)

PC0003 (PC0003)

BEVERAGE (Beverage)

PC0004 (PC0004)

99

02/01/2016 - 02/29/2016 Draft

01/01/2016 - 01/31/2016 Active

LOB22, Consolidation Profit Center

02/01/2016 - 12/31/99 Active

- 1 Global accounting hierarchies can be created for different organizational entities such as cons units, segments and profit centers.
- 2 Global accounting hierarchies are time dependent.
- 3 Global accounting hierarchies can have any number of levels.
- 4 Global accounting hierarchies can be easily adjusted providing more flexibility for reorganizations in consolidation hierarchies.
- 5 Hierarchies can be uploaded and downloaded via Excel

CE 1902 demo

COMBINING ENTITY AND GROUP MASTER DATA



The “Define Master Data for Consolidation Fields” app enables you to create and edit master data values specifically relevant for consolidation



The app also shows you the standard master data from GL accounting.

To use this app, you need to define the master data fields in the *Define Consolidation Master Data Fields* beforehand.

Profit Center Controlling Area		
Consolidation Master Data	Accounting Master Data	Combined Master Data
Consolidation Master Data (72) Search		
Description	Master Data	Superordinate Field
☐ PC9922	PC9922	A000
☐ PC9923	PC9923	A000
☐ PC9931	PC9931	A000
More [50 / 72]		
Accounting Master Data		
Master Data	Superordinate Field	Description
0000000123	A000	321wefweewfwefw\$5
0000001111	A000	1111

INTELLIGENT REPORTING – VIRTUAL ELIMINATION



Search	Pause	
DIMENSIONS	COLUMNS	
Partner Segment	Fiscal Year	Fiscal Year
Partner Unit	Posting Period	Posting Period
✓ Period Mode	Period Mode	Period Mode
Plant	Measures	Measures
Posting Level	FS Item	FS Item
✓ Posting Period		
Product Sold		
Product Sold Group		
Profit Center		
Profit Center Eliminated		
Project Definition		
Record Type		
Sales District		
Sales Organization		
Segment		
Segment Eliminated		

ROWS	
Consolidation Unit Eliminated	

Fiscal Year	2016
Posting Period	1
Period Mode	YTD
	GC Amount
FS Item	411100
Consolidation Unit Eliminated FS Item	Sale of goods
✓ CS17/REGION_GD/REGION_GD	-264,661,077 EUR
Y1/REGION_GD_ELIM	76,229 EUR
✓ CS17/REGION_GD/AMERICA	-24,639,345 EUR
Y1/S4004	-10,887,820 EUR
Y1/S4003	-13,751,525 EUR
✓ CS17/REGION_GD/ASIA	-205,976,461 EUR
Y1/S4006	-1,157,183 EUR
Y1/S4008	-204,819,277 EUR
✓ CS17/REGION_GD/EUROPE	-34,121,500 EUR
Y1/EUROPE_ELIM	13,000 EUR
Y1/S4000	-11,957,000 EUR
Y1/S4002	-6,177,500 EUR
Y1/S4007	-16,000,000 EUR

Eliminations are shown on hierarchy nodes created on-the-fly when you run the report.

These are virtual dimensions and are dependent on the hierarchy you are using

You can drill down to the underlying journal which also shows these virtual dimensions

<https://ccf-715.wdf.sap.corp/ui#ConsolidationReport-matrixAnalysis&/sap-iapp-state=ASXQ3F86F3JAYQTZ82SNEFXRL5JJY0J08JGG0MGL>

Cons unit hierarchy – Region_GD
Profit center hierarchy – LOB_GD
Segment hierarchy - SEG

INTELLIGENT REPORTING – DRILLDOWN

Version	Y10
Version	testing
Fiscal Year	2016
Period Mode	PER
Consolidation Group	#
FS Item	411100
FS Item	Sale of goods
Consolidation Unit Eliminated	GC Amount
CS17/REGION_GD/REGION_GD	-264,661,077.48 EUR
REGION_GD_ELIM	76,228.51 EUR
CS17/REGION_GD/AMERICA	-24,639,345.44 EUR
S4004	-10,887,820.28 EUR
S4003	-13,751,525.16 EUR
CS17/REGION_GD/ASIA	-205,976,460.55 EUR
S4006	-1,157,183.44 EUR
S4008	-204,819,277.11 EUR
CS17/REGION_GD/EUROPE	-34,121,500.00 EUR
EUROPE_ELIM	13,000.00 EUR
S4000	-11,957,000.00 EUR
S4002	-6,177,500.00 EUR
S4007	-16,000,000.00 EUR

→ Display Group
Journal Entries

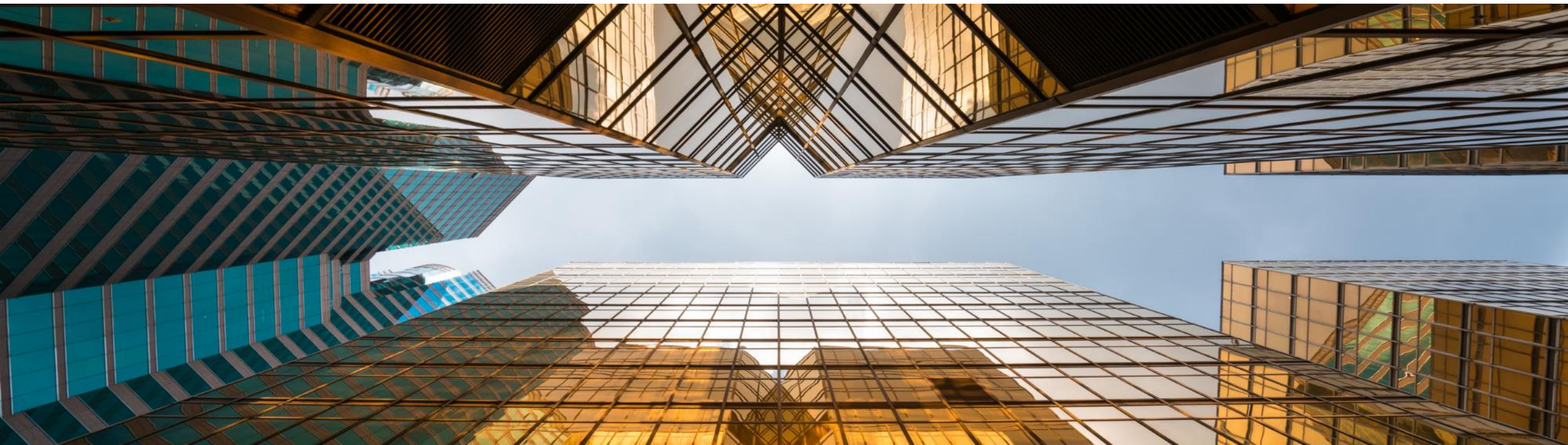
CE1902

Amount in Gr...	Q...	Cons. Unit	Partner Unit	Consolidation Unit Eliminated
2,500.00 EUR		S4000 (S4000 Germany)	S4002 (S4002 France)	EUROPE_ELIM (EUROPE Eli...
1,500.00 EUR		S4000 (S4000 Germany)	S4002 (S4002 France)	EUROPE_ELIM (EUROPE Eli...
400.00 EUR		S4000 (S4000 Germany)	S4002 (S4002 France)	EUROPE_ELIM (EUROPE Eli...

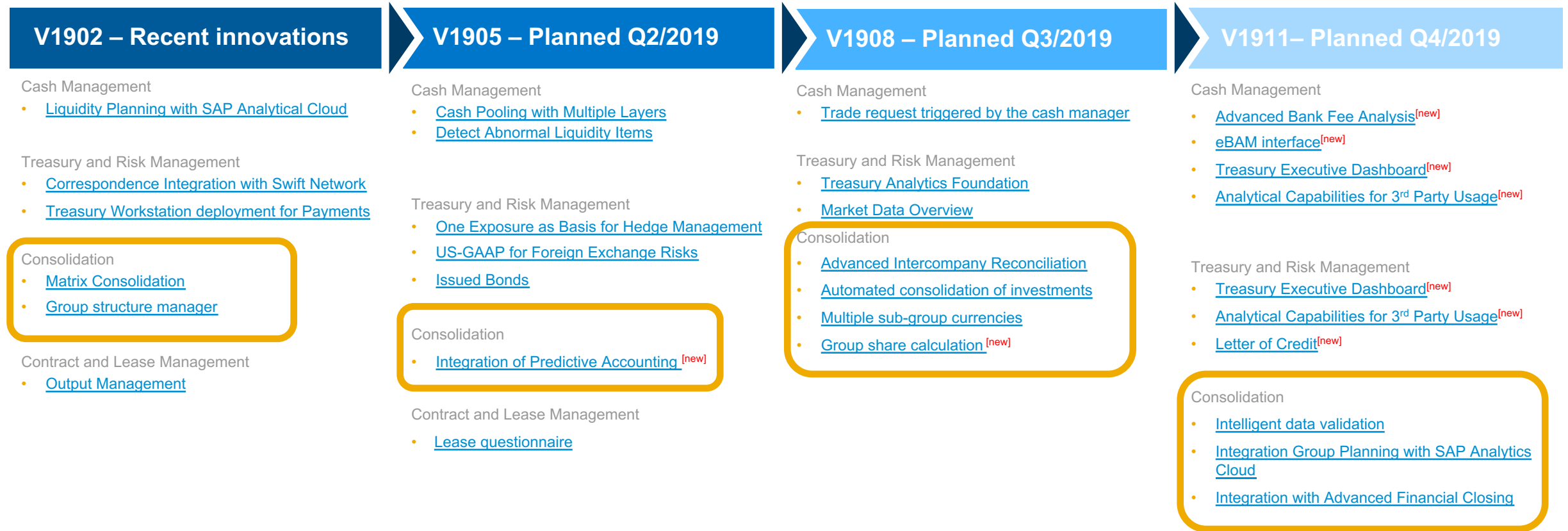
You see a view of the journal in the ACDOCU table containing the virtual eliminated entries created at report run time.

The “cons unit eliminated” is the common hierarchy node between the cons unit and partner unit and is dependent on the hierarchy consolidated.

ROADMAP



PRODUCT ROADMAP



SAP S/4HANA Cloud Finance roadmap Feb 2019

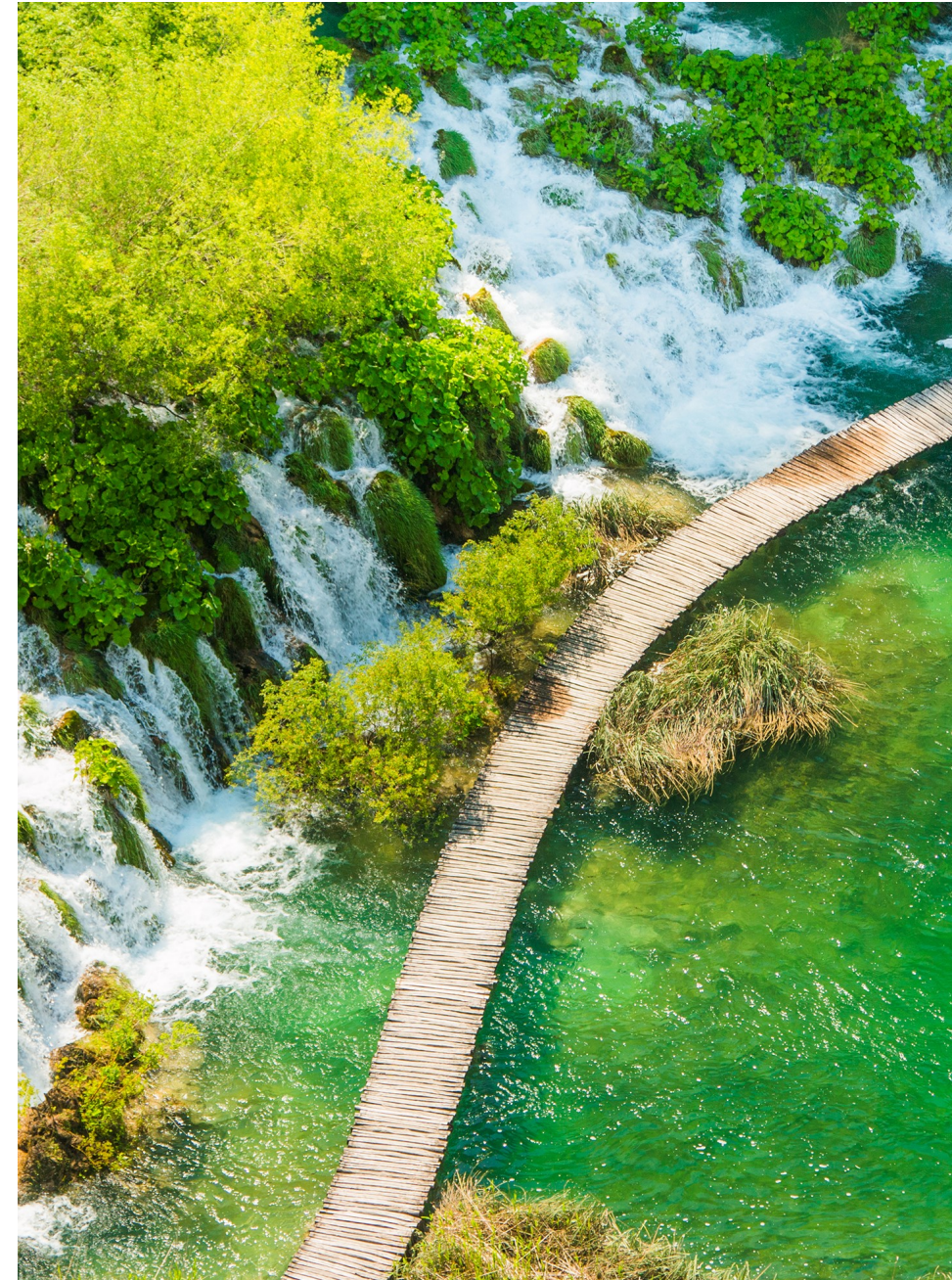
This is the current state of planning and may be changed by SAP at any time. Details regarding scope and benefits are available in the innovation discovery.

MORE INFORMATION

- [Solution introduction on YouTube](#)
- [SAP S/4HANA Group Reporting 1902 blog](#)
- [Documentation in the SAP Help Portal](#)

Contact me

Philip Aliband philip.aliband@sap.com



Thank you.