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Why we are here: The Agenda!



Big Picture-The Why?



Deep Dive-The What?



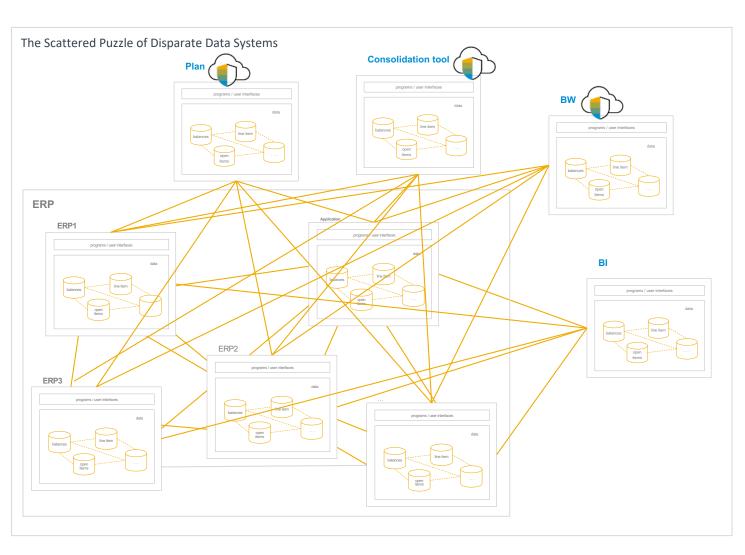
Summary



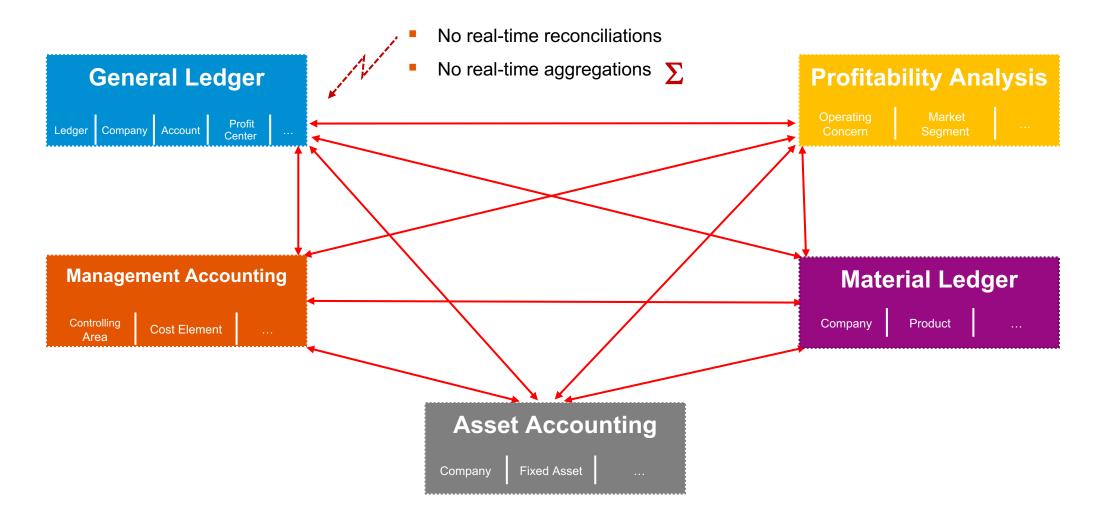
Fragmented Data – making Finance Complex

... and not (digitally) connected





Business Suite - Modular Data Platform



SAP S/4HANA Finance Universal Journal

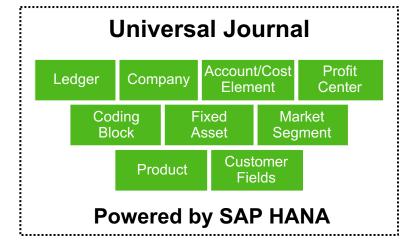
Single Source of Truth

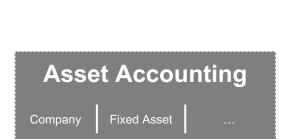


- Management Accounting

 Controlling Cost Element ...
 - No Stored Aggregations
 - Drill to Detail

- No Reconciliation needed
- No Replication needed







Operating Market Concern Segment ...



- Instant Insight
- Flexible Real Time Analytics

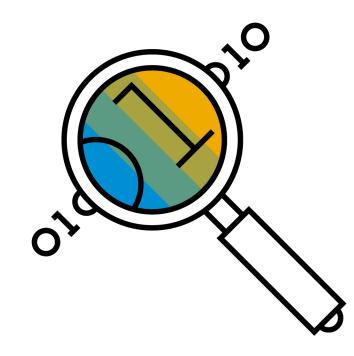
Evolution in SAP Accounting – To get Single Source of Truth!

R/3 ERP SAP S/4HANA **Classic General** Ledger New **Special Ledger General Ledger Profit Center Accounting Universal Journal Profitability Profitability** General Fixed Controlling Ledger **Assets Analysis Analysis** Profi Center Accounting Material **Profitability** Controlling Controlling Ledger Analysis **Fixed Assets Fixed Assets Material Ledger Material Ledger**

The Perfect Financial and Management Accounting System

Don't you dream of a reporting solution, that ...

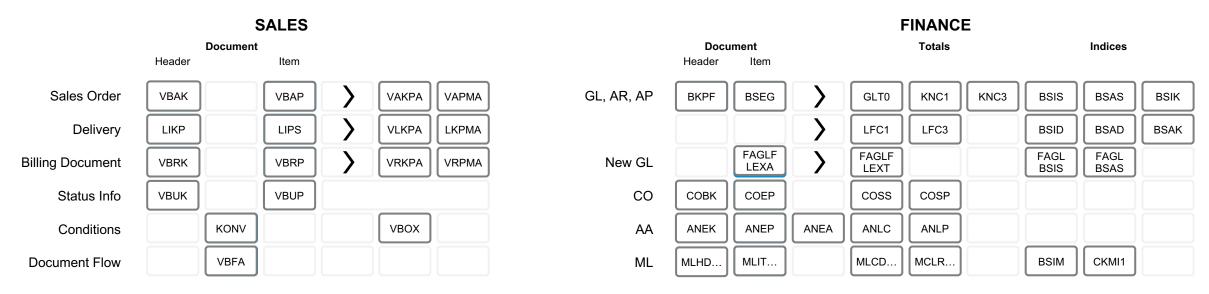
- comprises actual data, plan data, simulated data, and prediction data
- presents data in a common structure making comparison easier
- provides all required currencies
- contains all details
- presents a 360° view on objects of interest (P&L + Balance Sheet KPI's)
- shows the unconsolidated and consolidated views in real time (ad hoc group reporting)



- is up to date at every point in time
- gives a full audit trail
- is based on a single source of truth: fully reconciled by architecture
- is set up without data redundancy
- fulfills legal requirements from a local and a group perspective
- is the basis for management reporting at every needed granularity
- can be enhanced / extended easily



Simplifying Database & Table Structures to Prepare for Scale



MATERIAL VALUES

Valuation in MM or Valuation ML

SAPPB SIMPS AND SAPPB SIMPS AN

MATERIAL QUANTITIES

Aggregates Stock Aggregates History ML Material Document MSTBH Valuation **MSSA** MSSL **MSSQ** MSSAH **MSSQH** CKMLPPWIP MSTE **MSTEH MSTQH MKPF** MSEG **MSTQ MSTB** Hybrid: Master Data with Stock Aggregates CKMLKEPH Inventory Movements MARCH **MARDH** CKMLMV004 MARC **MSLBH MCHBH MSKUH MCHB** MARD MSKU **MSKA** MKOL **MSPR** MSLB MSKAH **MSKAH**

with Valuated Stock History Valuation MBEWH CKMLCR MLPP CKMLPPWIF

Aggregates

Hvbrid: Master Data

EBEW

EBEWH CKMLPP MLCR CKMLCR CKMLKEPH

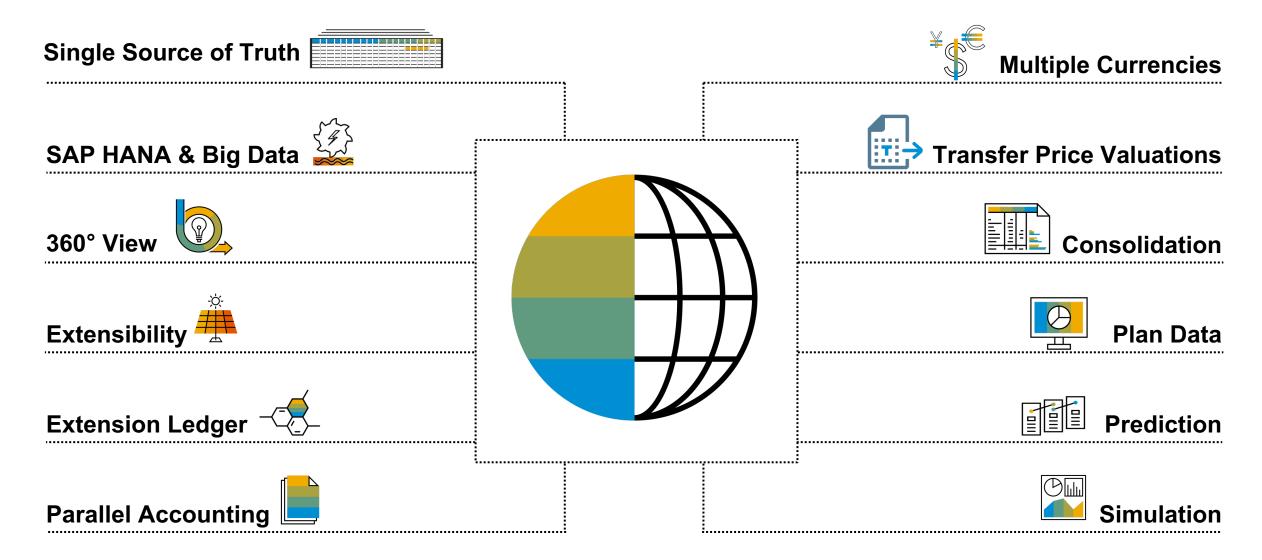
QBEW

QBEWH MLHD MLCRF MLCD CKMLMV004

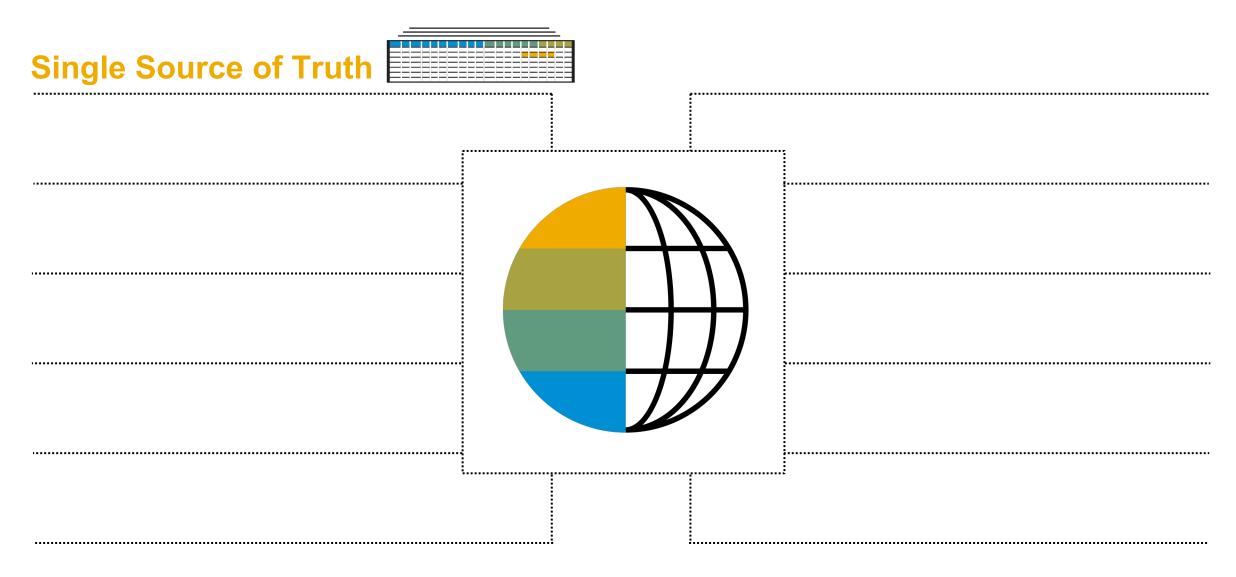
OBEW

OBEWH MLIT MLKEPH CKLMMV004

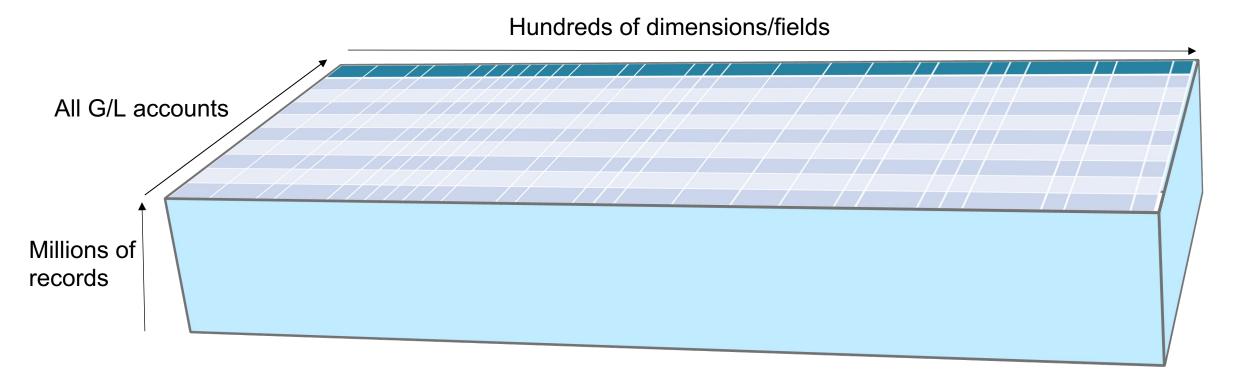
What we get out of the Universal Journal



What we get out of the Universal Journal



The Single Source of Truth is Reality: Table ACDOCA



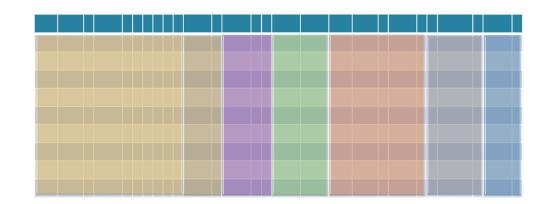
The Universal Journal is the Single Source of Truth in SAP S/4HANA

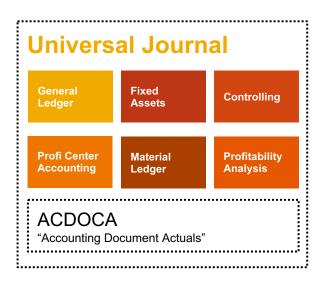
ACDOCA is the common line item persistence

- General Ledger
- Profit Center Accounting
- Fixed Asset Accounting
- Material Ledger
- Controlling
- Profitability Analysis

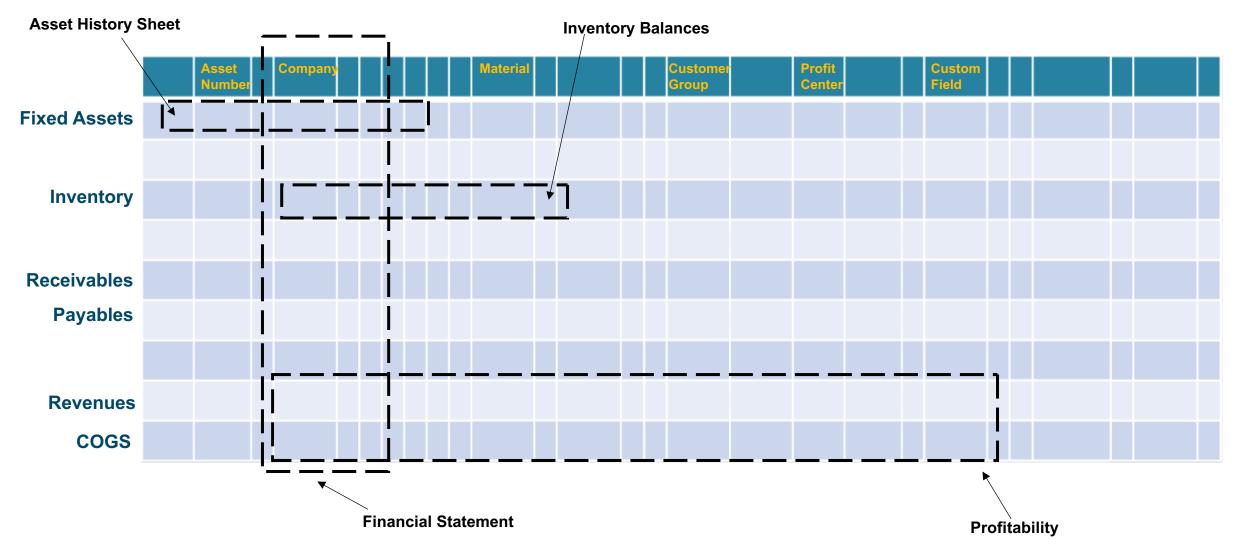
Common Posting Logic

- Currency conversion
- Derived attributes
- Splitting logic
- Posting logic for account assignments





The Single Source of Truth: Reconciled Analytics by Architecture



My Home

Processes and Flows ~







Accounts Payable - Processes & Reporting

Generic Operations

Maintain Business Partner

Create Supplier Invoice

Import Supplier Invoices





Preparation for Payment

Manage Supplier Line Items

--

Manage Payment Blocks

Display Supplier Balances

Manage Automatic Payments





Reporting

S = S

Cash Discount Forecast Available Amount

320_к

C 30 min. ago EUR

Cash Discount Utilization Today

14.3 %

C 30 min. ago

Days Payable Outstanding Indirect Method

106

C 30 min. ago

Aging Analysis Payable Amount

584_M

C 30 min. ago EUR

Days Payable Outstanding Last 12 Months

02/2022 86,53 01/2022 91,87 12/2021 91,85

C 30 min. ago

Future Payables Today

C 30 min. ago EUR

Overdue Payables Today

Critical O... 497,80M EUR Uncritical O... 4,17M EUR

C 20 min. ago

Accounts Payable Overview

\$

Aging Report for Accounts Payable

ф Por (

Invoice Processing Time Today

C 30 min. ago EUR

Automatic and Manual Payments Payments for Last Year

C 30 min. ago EUR

My Home

Home ▼

Processes and Flows V

Business Catalogs and groups







Accounts Payable - Processes & Reporting

Generic Operations

Maintain Business Partner

Create Supplier Invoice

Import Supplier Invoices





Preparation for Payment

Manage Supplier Line Items

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Manage Payment Blocks

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Reporting

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Today

Future Payables

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Today

Overdue Payables

Critical O... 497,80M EUR Uncritical O... 4,17M EUR

Accounts Payable Overview

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Aging Report for Accounts Payable

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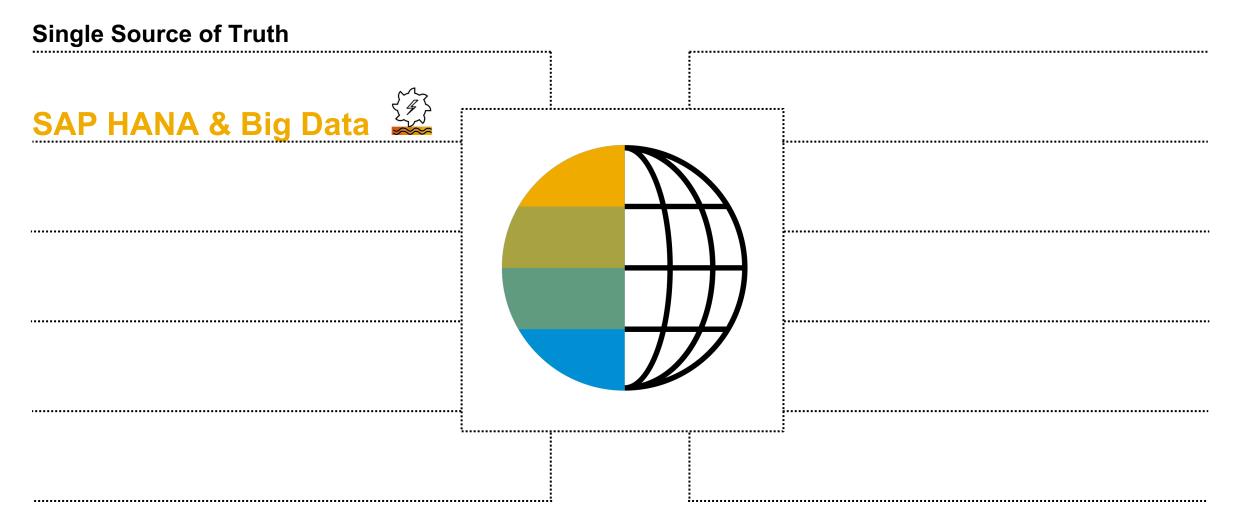
Invoice Processing Time Today

C 40 min. ago EUR

C 40 min. ago EUR

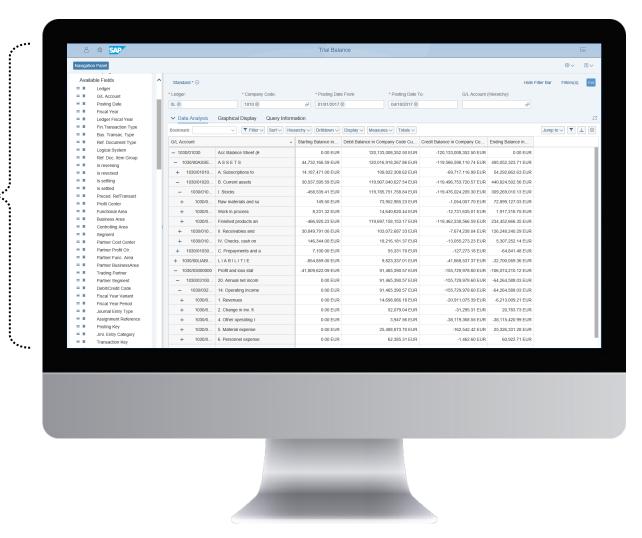
Automatic and Manual Payments Payments for Last Year

What we get out of the Universal Journal



Trial Balance: High Speed Standard Reporting is Reality

A huge list of fields is available for drilldown!



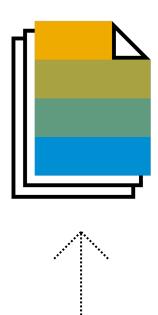
Leveraging the Power of the SAP HANA Database

Select specific data with arbitrary filter criteria

- With our new FIORI GL Line Item UI you can select a specific line item from billions of records in ACDOCA in less than 1 second
- You can use any combination of filter criteria to narrow down the result.
 It is not necessary to define and hit a database index, as it used to be in ERP

Aggregated reporting with use of multiple dimensions of ACDOCA

- SAP HANA can aggregate millions of lines very efficiently on the fly
- No need for a predefined fixed totals anymore
- Reporting can use all dimensions of ACDOCA, as long as the result aggregates to a reasonable output data volume
- Universal Journal line items contain full details including customer extension fields
- Real time reporting no need to replicate data asynchronously to a data warehouse

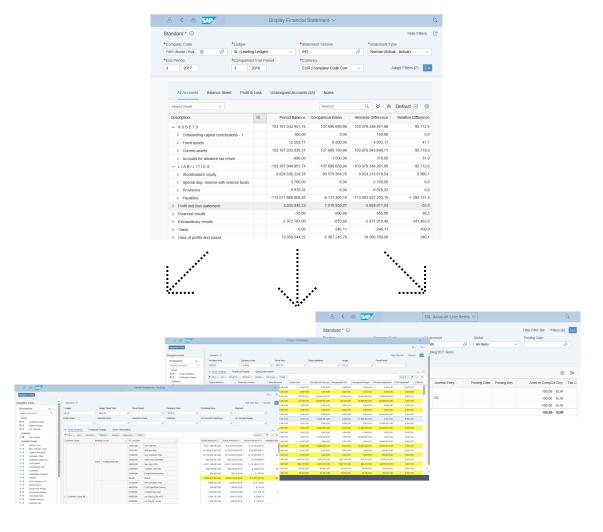


Universal Journal

ACDOCA

"Accounting Document Actuals

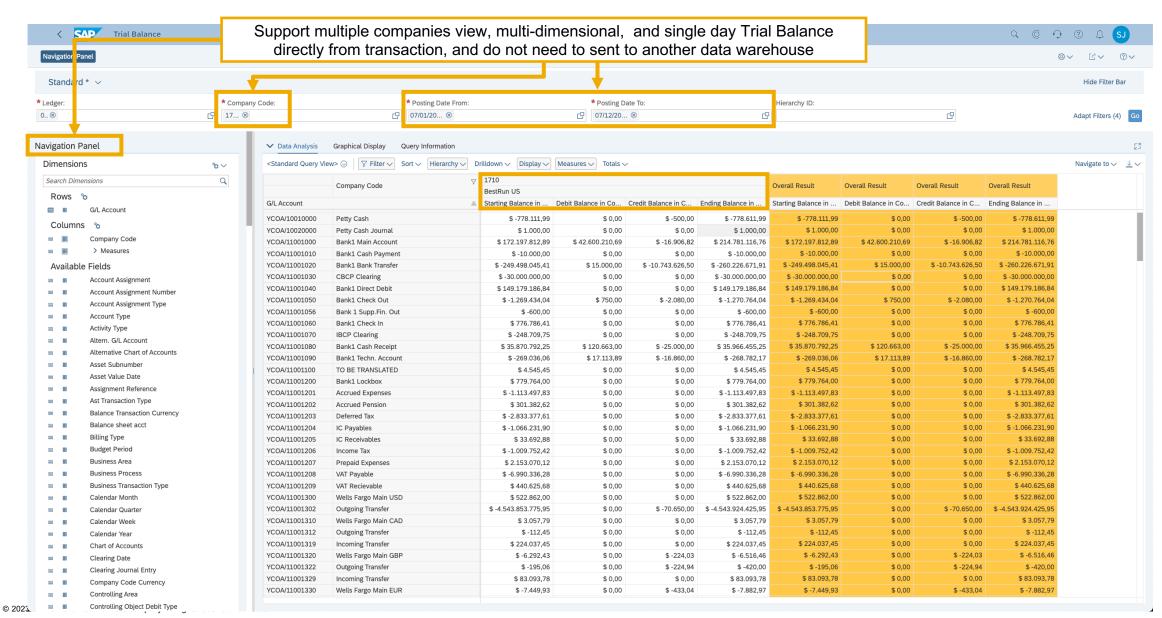
Multidimensional General Ledger



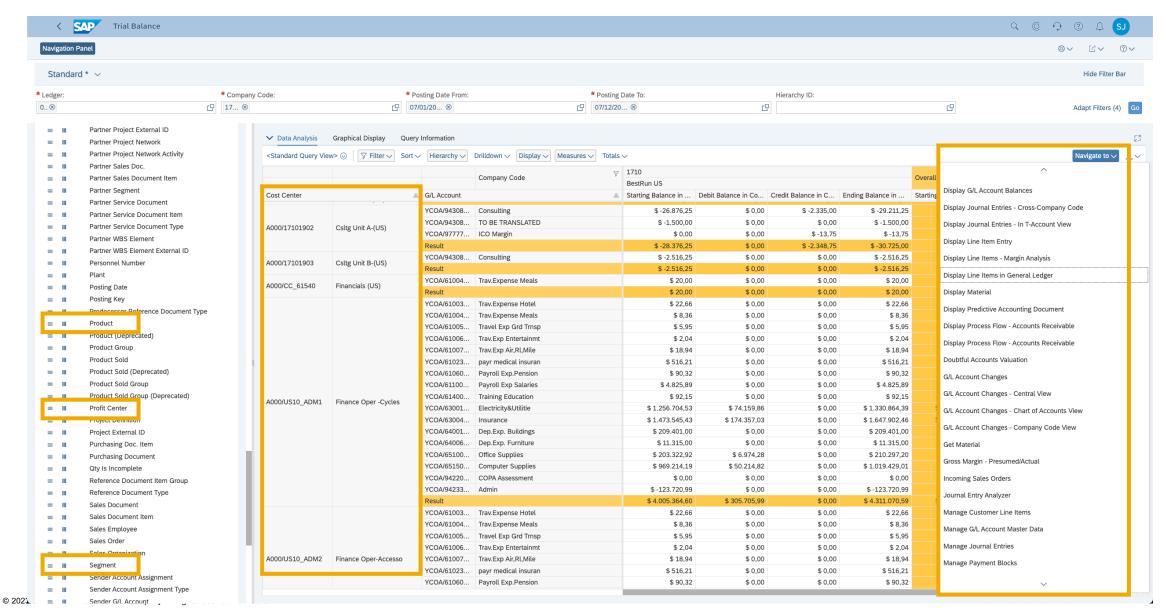
Multidimensional Reporting

- All dimensions of ACDOCA are exposed in VDM views, which is the basis for reporting and processes
- There is **no limit** to 16 key fields, as it used to be for totals tables of ERP
- Drilldown to details of all subledgers is possible within one report or with seamless navigation to detailed subledger reports
- All reports based on the Universal Journal are reconciled by design

Universal Journal dimensions available for slice and dice in Trial Balance



Universal Journal dimensions available for slice and dice in Trial Balance



High Speed, High Volume Multi-Dimensional Reporting



Standard * ~

Trial Balance ▼

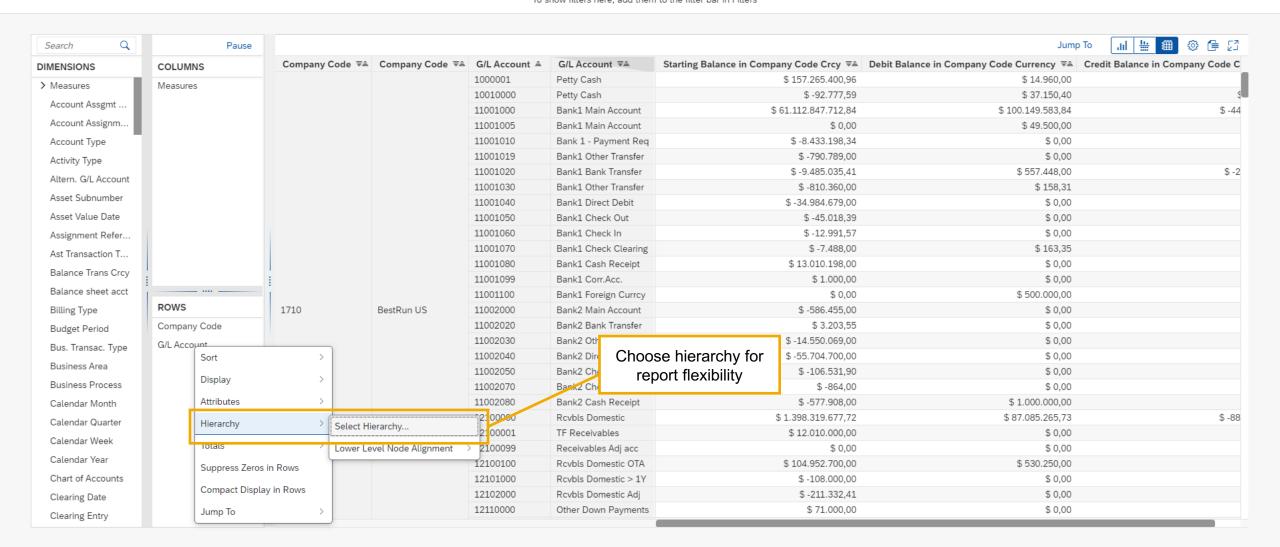


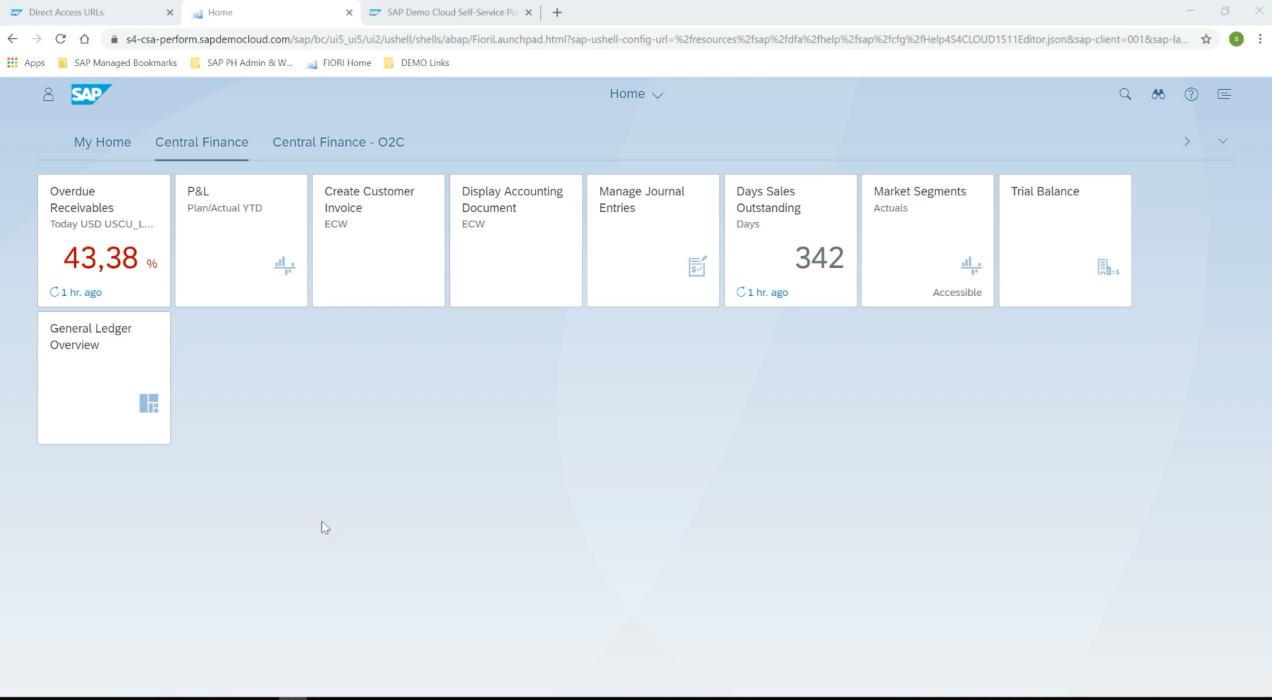




Show Filter Bar Filters (1) Go []

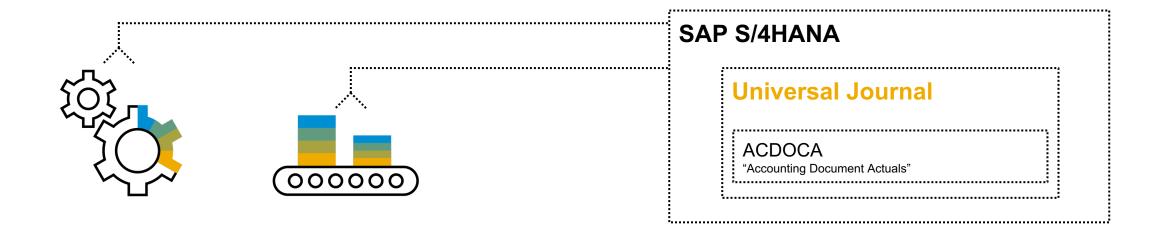
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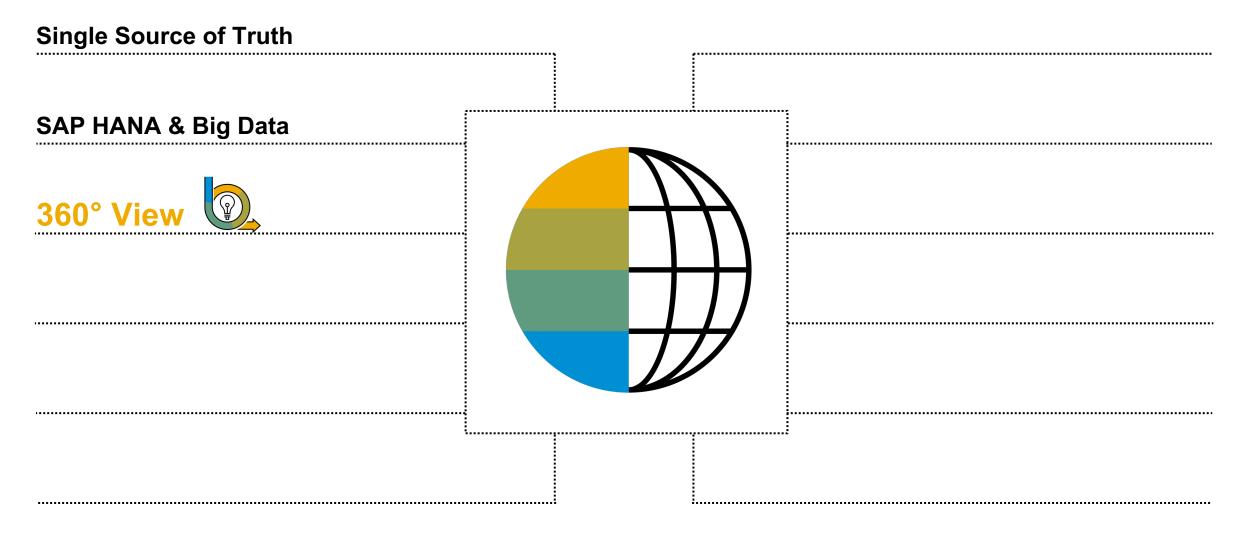
Big Data and the Universal Journal



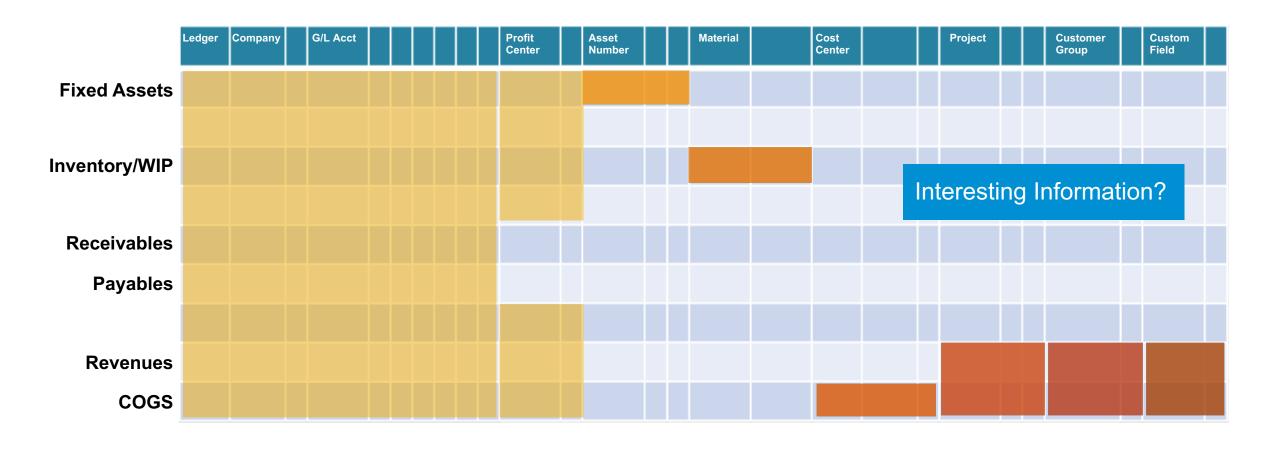
The Universal Journal is optimized for huge data volumes

- Industry trends like IOT with lots of sensor data will increase data volumes significantly in the future
- Overall this trend will lead to more accounting data as well
- Our purely line item-based architecture is optimized for high throughput with parallel processing of documents
- Pre-defined aggregates, which used to be a bottleneck for parallel processing, are no longer needed
- No expensive joins to other huge tables are necessary for standard analytics

What we get out of the Universal Journal



The Single Source of Truth: Towards Additional KPIs



Flexible Hierarchies: Building hierarchies using attributes on the associated master data

View Current Master Data Attributes



Define Sequence of Hierarchy

Profit Center	Valid From	Valid To	Country	Segment	Lob	Product
1001	2013.01.01	9999.12.31	DE	SEG_01	FUEL	GASOLINE
1002	2016.01.01	9999.12.31	DE	SEG_01	FUEL	DIESEL
1003	2016.01.01	9999.12.31	DE	SEG_02	FUEL	DIESEL
1004	2016.01.01	9999.12.31	DE	SEG_02	LUBES	INDUSTRY
1005	2016.01.01	9999.12.31	CN	SEG_01	LUBES	MOTOR
1006	2016.01.01	9999.12.31	CN	SEG_01	LUBES	INDUSTRY
1007	2016.01.01	9999.12.31	US	SEG_01	FUEL	GASOLINE
1008	2016.01.01	9999.12.31	US	SEG_01	FUEL	DIESEL
1009	2016.01.01	9999.12.31	US	SEG_02	LUBES	MOTOR
1010	2016.01.01	9999.12.31	US	SEG_02	LUBES	INDUSTRY

Profit Center	Valid From	Valid To	Country	Segment	Lob	Product
1001	2013.01.01	9999.12.31	DE	SEG_01	FUEL	GASOLINE
1002	2016.01.01	9999.12.31	DE	SEG_01	FUEL	DIESEL
1003	2016.01.01	9999.12.31	DE	SEG_02	FUEL	DIESEL
1004	2016.01.01	9999.12.31	DE	SEG_02	FUEL	DIESEL
1005	2016.01.01	9999.12.31	CN	SEG_01	LUBES	MOTOR
1006	2016.01.01	9999.12.31	CN	SEG_01	LUBES	INDUSTRY
1007	2016.01.01	9999.12.31	US	SEG_01	FUEL	GASOLINE
1008	2016.01.01	9999.12.31	US	SEG_01	FUEL	DIESEL
1009	2016.01.01	9999.12.31	US	SEG_02	LUBES	MOTOR
1010	2016.01.01	9999.12.31	US	SEG_02	LUBES	INDUSTRY

01 FUEL FUEL	GASOLINE DIESEL
-	DIESEL
02 FUEL	DIESEL
02 LUBES	INDUSTRY
01 LUBES	MOTOR
01 LUBES	INDUSTRY
01 FUEL	GASOLINE
01 FUEL	DIESEL
02 LUBES	MOTOR
02 LUBES	INDUSTRY
	02 LUBES 01 LUBES 01 LUBES 01 FUEL 01 FUEL 02 LUBES

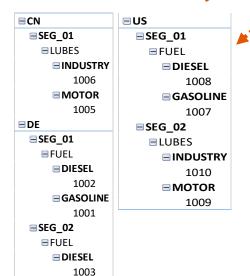
Maintain Profit Center attributes

				ragging	
Profit Center	Country	LoB	Product Line	Reporting Group	Continent
1001	US	FUEL	GASOLINE	Americas	North America
1002	DE	FUEL	DIESEL	EMEA	Europe
1003	DE	FUEL	DIESEL	EMEA	Europe
1004	DE	LUBES	INDUSTRY	EMEA	Europe
1005	FR	LUBES	MOTOR	EMEA	Europe
1006	AT	LUBES	INDUSTRY	EMEA	Africa
1007	CN	FUEL	GASOLINE	APJ	Great China
1008	HK	FUEL	DIESEL	APJ	Great China
1009	CN	LUBES	MOTOR	APJ	Great China
1010	JP	LUBES	INDUSTRY	APJ	Japan
1011	US	GAS	LPG	Americas	North America
1012	DE	GAS	LPG	EMEA	Europe
1013	DE	GAS	CNG	EMEA	Europe
1014	CN	GAS	LPG	APJ	Great China



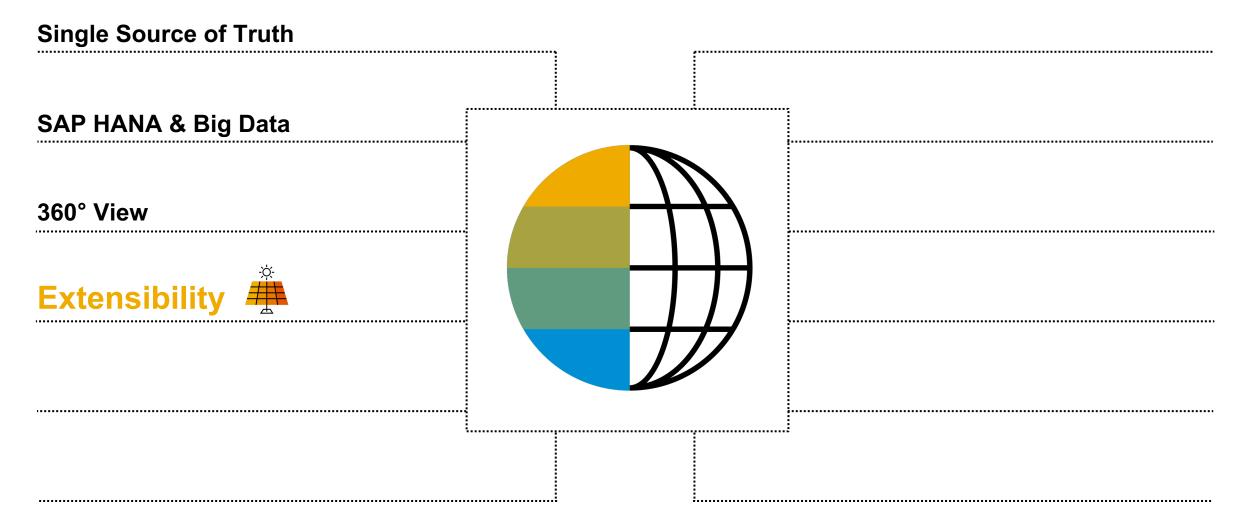
Profit Center 🔺	Amount in CC Crcy	
CJTEST-GEO-10	30,660,238.17 EUR	Liorarahy
- FUEL	30,653,727.04 EUR	Hierarchy
- DIESEL	2,880.00 EUR	Report
 Germany 	1,000.00 EUR	
PC1002	400.00 EUR	Based on
PC1003	600.00 EUR	Line of
+ Hong Kong	1,880.00 EUR	LINE OI
+ GASOLINE	30,650,847.04 EUR	Business
+ LUBRICANT	6,511.13 EUR	D 401000
+ Not Assigned Profit Center (s)	1,796,057,698.84	

Generate Hierarchy

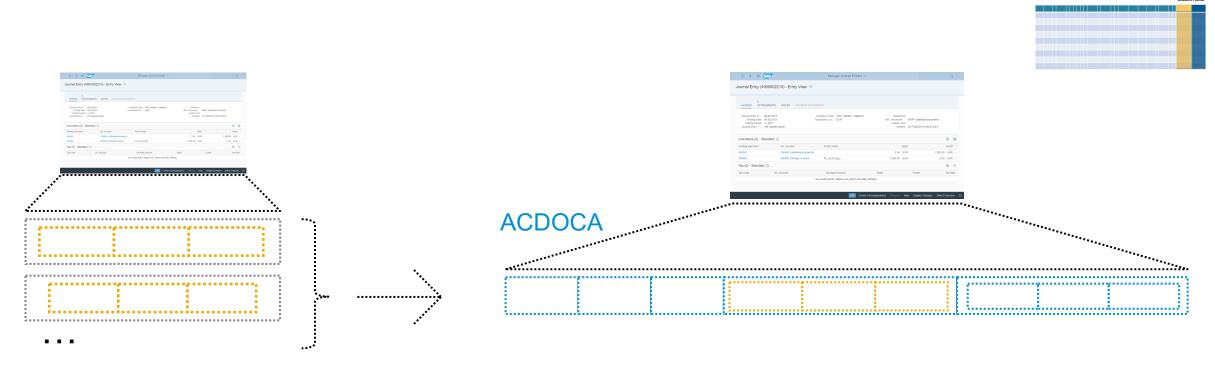


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What we get out of the Universal Journal



Extensibility of the Universal Journal: 2 Flavors



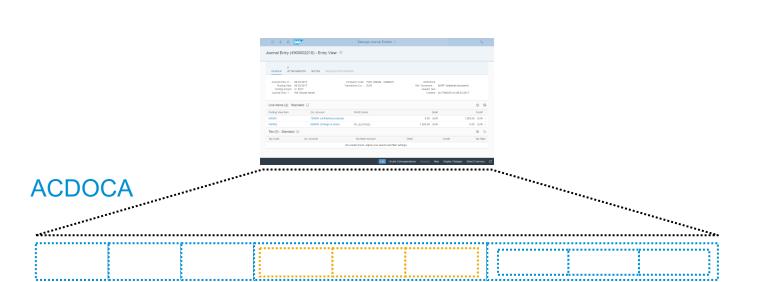
Coding Block Extension

- Used for fields, which are filled by users during document entry (e.g. supplier invoice, FB01, ...)
- Process integration transports the field to the Universal Journal

Inside ACDOCA Extension

- Ideal for fields derived from other fields of ACDOCA or from master data
- Large number of ACDOCA extension fields is possible

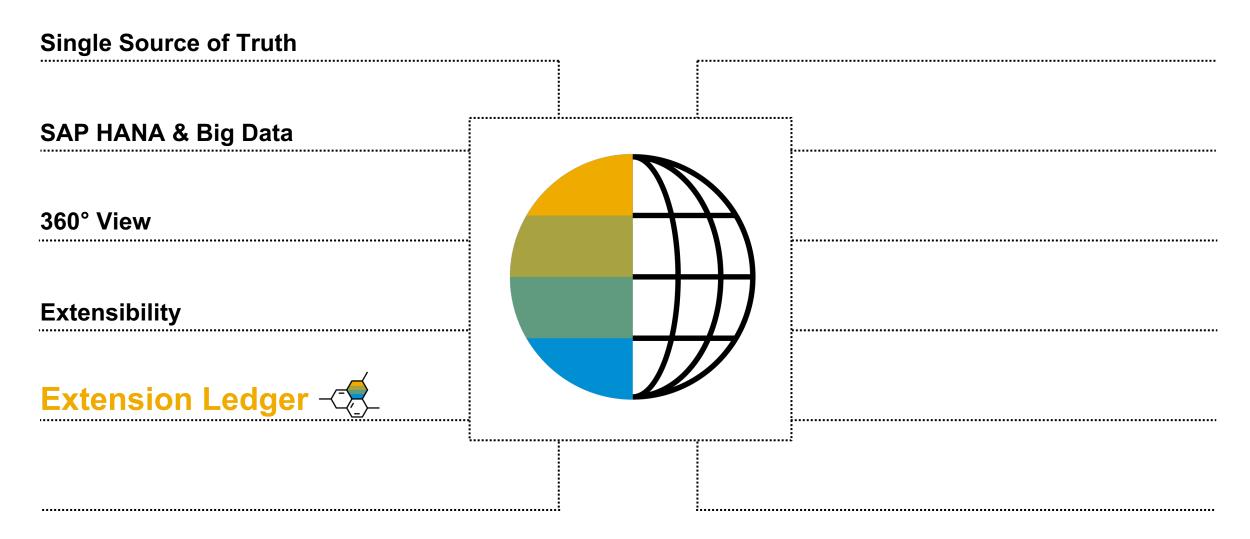
Extensibility of the Universal Journal



Benefit of line item-based SAP S/4HANA architecture without totals tables

- In SAP Business Suite/ERP reporting and functionality was based on totals tables with the limitation to 16 key fields
- Often several FI-SL ledger were installed, containing different sets of extension fields
- With the line item-based architecture in SAP S/4HANA all extension fields can be put to the central line item table ACDOCA
- Our new reporting and many processes can use arbitrary combination of standard and extension fields

What we get out of the Universal Journal



Extension Ledger: Use Case Management View

ERP

Legal Ledger

Management Ledger

- Same legal data (95 %)
- Few adjustments (5%)
- High data redundancy

SAP S/4HANA

Standard & Extension Ledger on top

- Separation of management data from legal data
- No data redundancy

General Ledger

Legal Ledger

Extension Ledger

Standard Ledger

Management Ledger

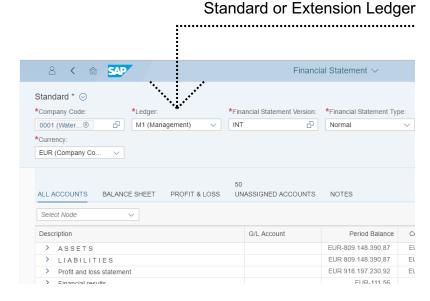
Extension Ledger

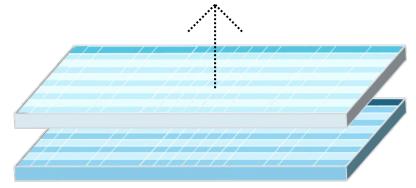
Characteristics

- Inherits currency settings and fiscal year variant of underlying ledger.
- Separate company code assignment (subset of underlying ledger)
- Separate open period variant
- Authorization on ledger level

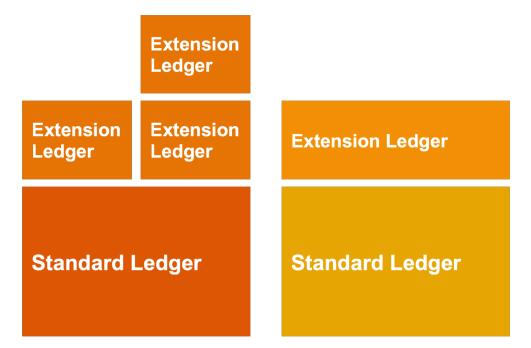
Reporting

- All reports with parameter "ledger" support also extension ledgers
- VDM Model provides views supporting the inheritance logic of extension ledgers



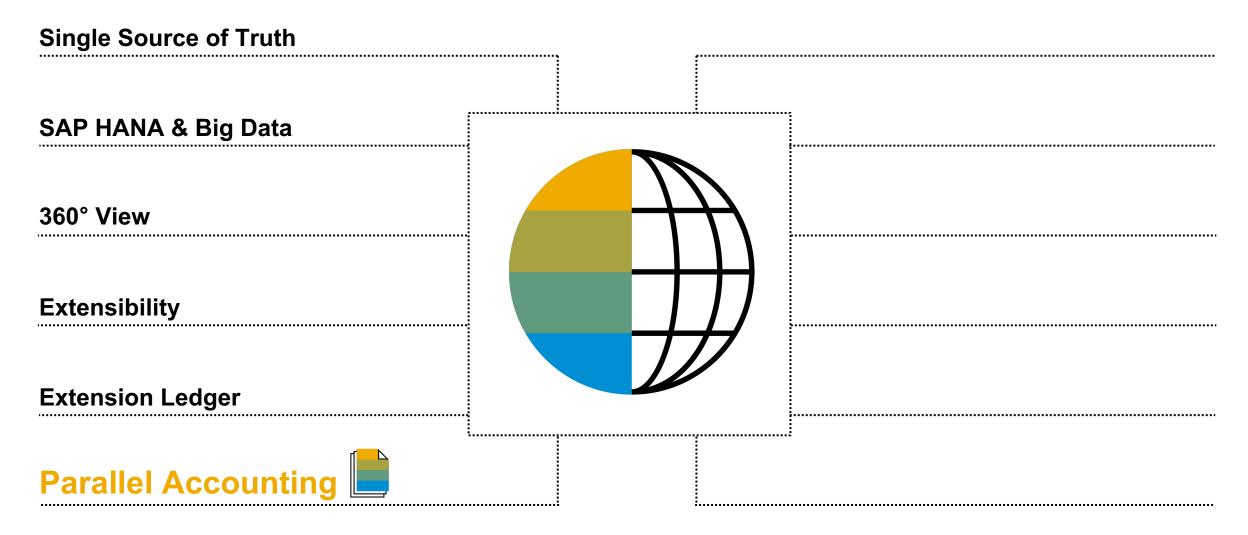


Combining Extension Ledgers



- You can use several extension ledgers for various purposes
- Each extension ledger knows its underlying ledger
- Setting up a new extension ledger is simple (one configuration entry!), it inherits the data of the underlying ledger
- Stacking of extension ledgers is available with a pilot note
- Ledger groups must not contain an extension ledger and one of its underlying ledgers

What we get out of the Universal Journal



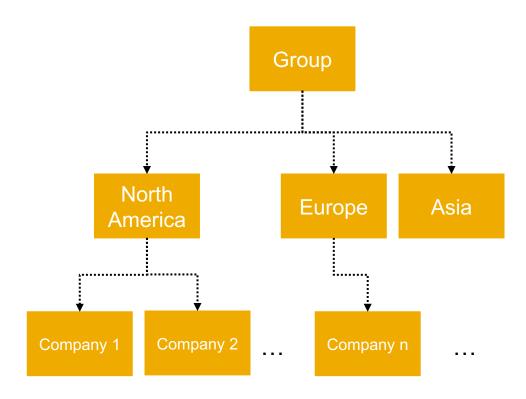
Parallel Accounting

Use Cases

- Group reporting (e.g. IFRS)
- Local close (e.g. US-GAAP, French GAAP, HGB, ...)
- Separate ledger for tax
- Deviation fiscal year, ...

Approach for Parallel Accounting in ERP

- Parallel GL Accounts
- Parallel NewGL Ledgers



Recommended Approach in SAP S/4HANA for Parallel Accounting



Recommendation:

Use Ledger Approach for Parallel Accounting

- Ledger in GL and Fixed Asset Accounting
- CO / ML: update parallel ledgers with identical values or

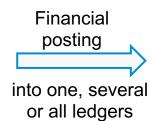
with COGM solution you can make parallel cost of goods manufactured postings to separate ledgers

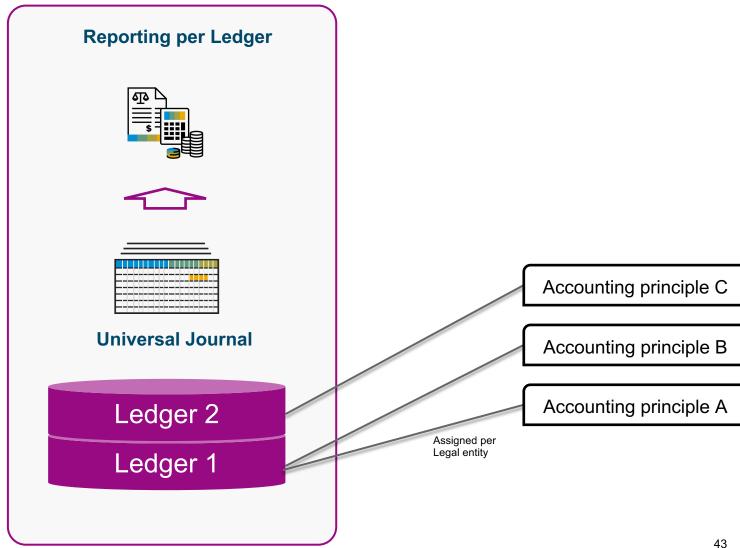
SAP S/4HANA Ledger approach

Full Parallel Accounting in All Accounting Subledgers

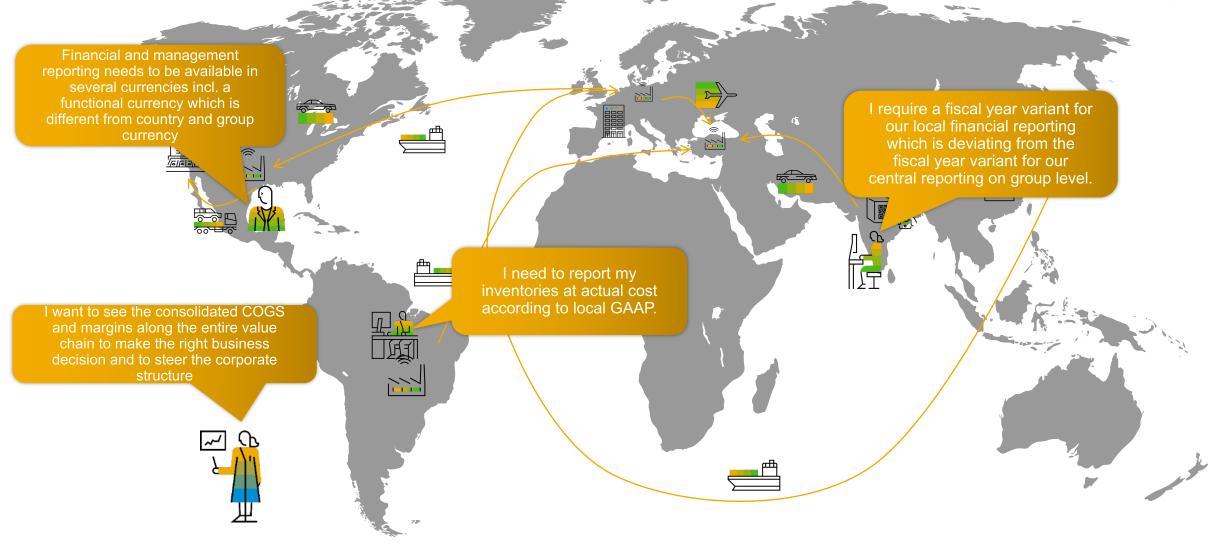
- Ledgers are used to separate transaction data for parallel accounting
- All valuating business processes run and calculate per ledger
- Full audit trail within a ledger
- All ledgers are relevant for GL, including the accounting subledgers (based on Universal Journal)



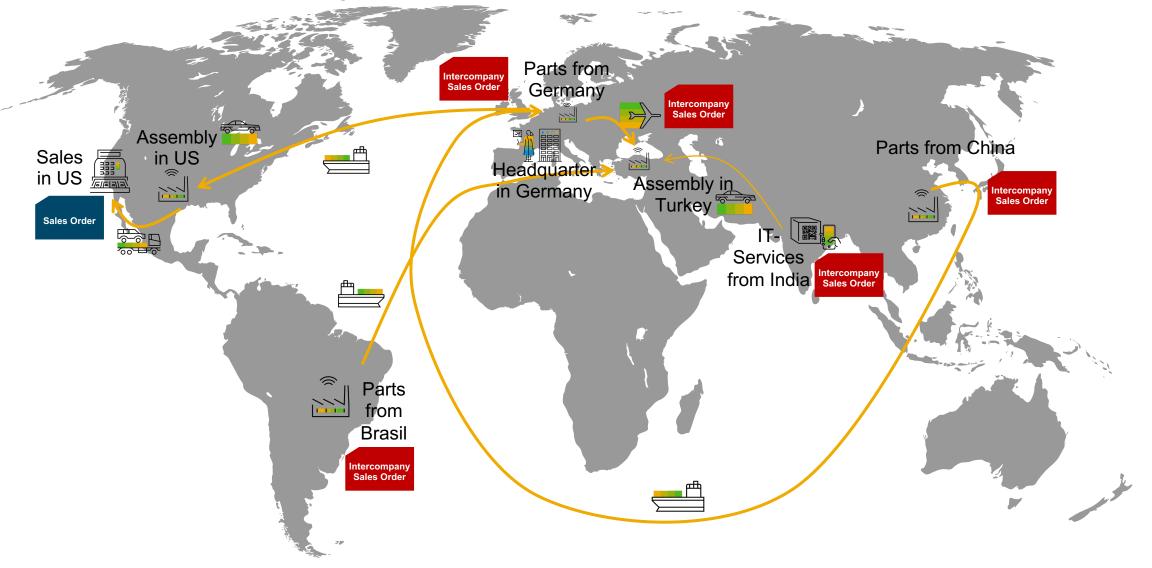




Global Intercompany Value Chains require End-2-End Value Chain Visibility



Global Intercompany Value Chains require End-2-End Value Chain Visibility



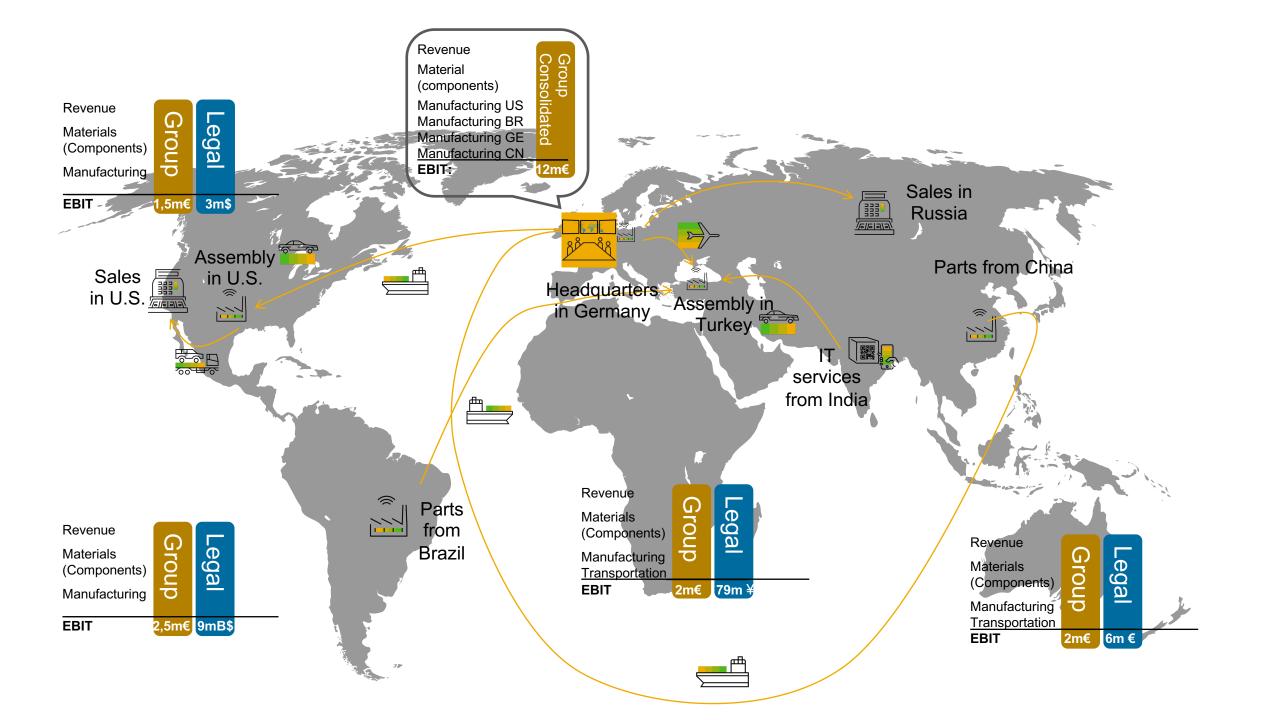
Vision - The concept of Value Chain Analysis (VCA)

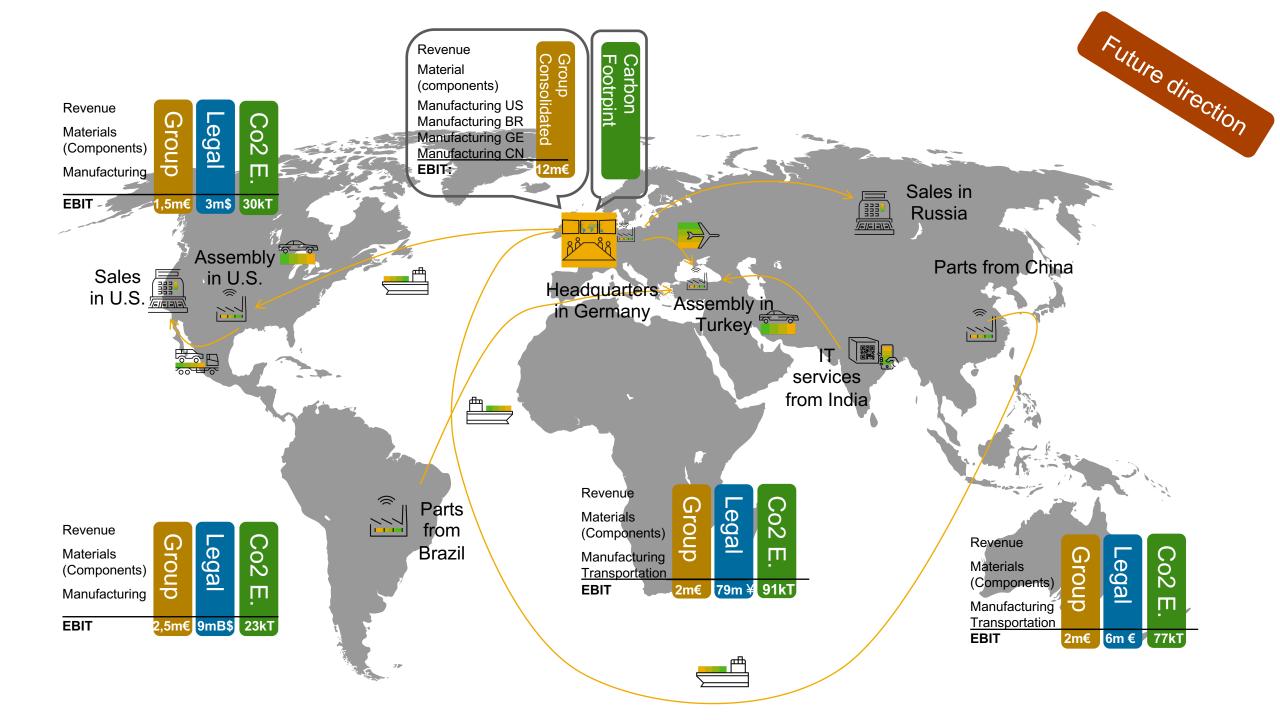
Today customers steer their value chain with high effort, inconsistencies, often inaccurately and after the fact.

In the future we will allow customers to steer their entire material- and activity value flows at real-time, automated, consistently and instantly for the legal entities, business units and the group.



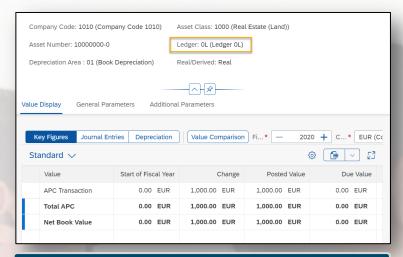
The concept of Value Chain Analysis

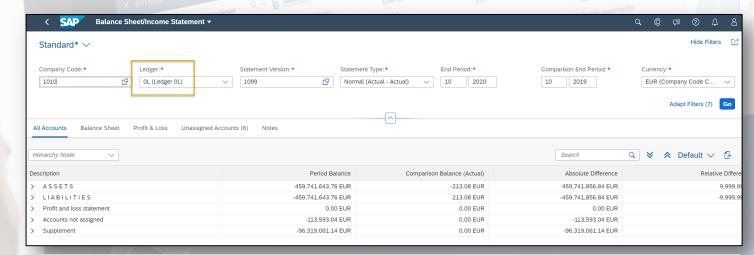




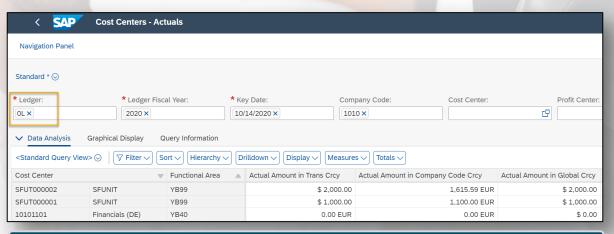
Universal Parallel Accounting

Switching between valuation principles by selecting the appropriate ledger *



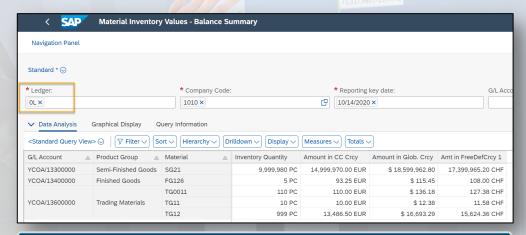


Asset values



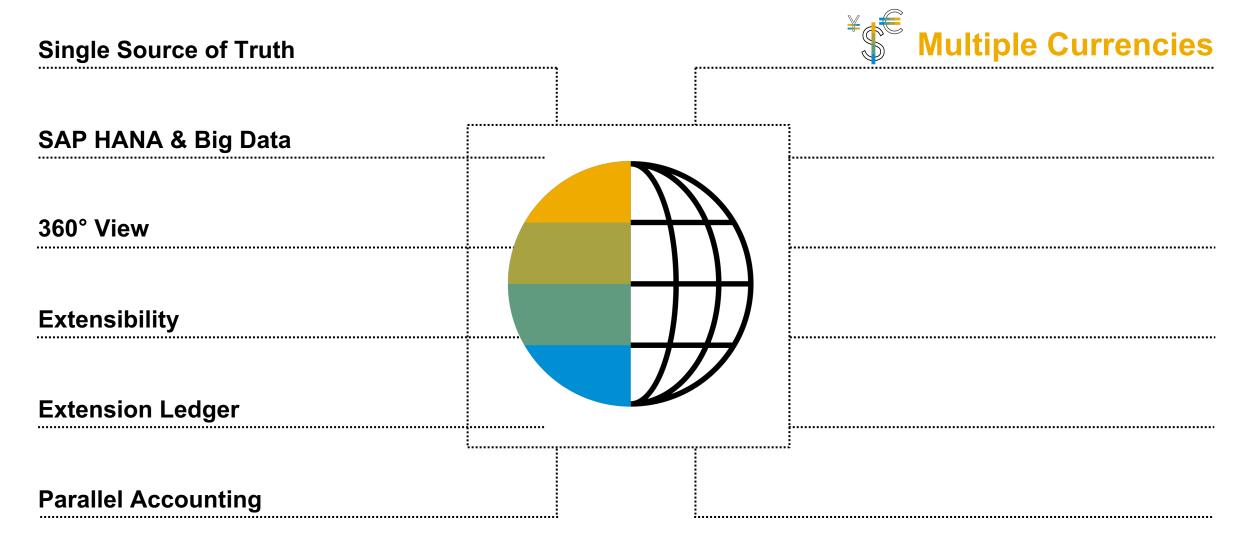
Cost center values

Balance Sheet/Income Statement



Inventory values

Key Characteristics of the Universal Journal



Available Currencies in ERP

In ERP we used to have

- 3 local currencies in FI (including NewGL)
- 2 currencies in CO
- 3 currencies in Material Ledger

11 (2020)	10041 0104		o loou. Cloy
CO (COEP)	local (Obj) Crcy	CO Area Crcy	
ML	local Crcy	2 nd ML Crcy	3 rd ML Crcy
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7777777777777		///////////////////////////////////////

local Crcv

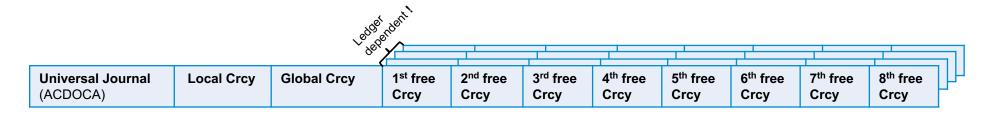
Challenges

- Currency conversion not consistent for FI / CO
- Limited number of currencies available in ERP Reporting not fulfilling all requirements in parallel:
 - Local close in local currency, group reporting, regional subgroup reporting, hard currency, specific functional currency in some industries, reporting with alternative exchange rates, ...
- Using several controlling areas with different currencies leads to loss of a group view in a common currency
- Especially in transfer price scenarios lack of parallel currencies
- Flexible currency handling often implemented separately in SAP BW (high effort, inaccurate, reconciliation,...) or in FI-SL (different conversion settings,...)

More Currency Flexibility: The Universal Journal with SAP S/4HANA

The Universal Journal supports additional new parallel currencies

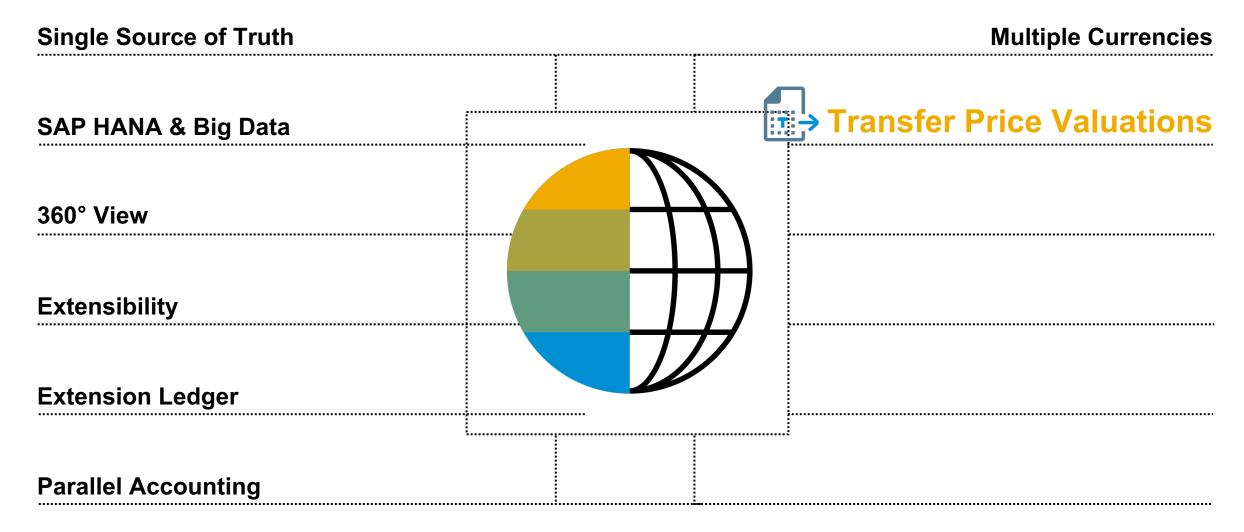
- Per company code and ledger you can configure up to 8 freely defined currencies in addition to local and global currencies.
- Freely defined currencies for parallel G/L ledgers do not depend on leading ledger, you can configure the freely defined currencies in each ledger independently.



**New currencies are available as of SAP S/4HANA Finance 1605 and SAP S/4HANA 1610

- Real-time currency conversion with actual exchange rate and balance zero per document for all currencies and processes!
 - Some business processes require currency conversion with historic exchange rates:
 - This is available for Open Item Management, Reversals, CO and GL Allocations, Foreign Currency Valuation, Regrouping
 - Planned for future releases for CO Settlement Reposting, Fixed Assets and Material Ledger
- Real-time currency conversion with actual exchange rate is a fallback for those cases and will be sufficient in many cases!

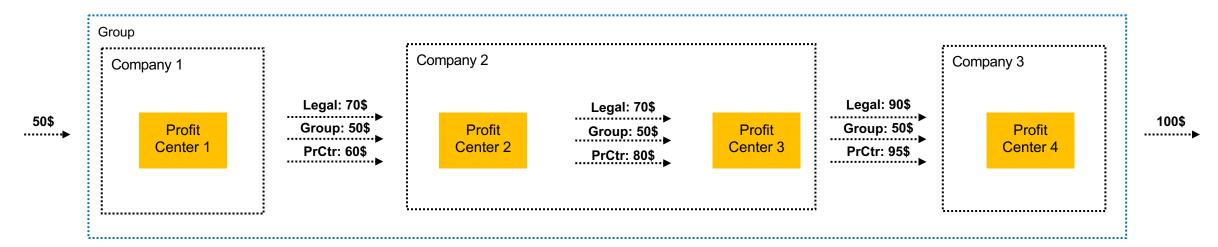
Key Characteristics of the Universal Journal



Parallel Transfer Price Valuation Views & Elimination of Intercompany Markups

Management decisions in large companies are based on group profitability figures and not on figures of the individual entity. Intercompany effects along the operative value chain need to be eliminated and the respective data needs to be stored for analytical purposes.

As a consequence, we enhance the local (legal) transfer price view with views of alternative prices for a product value chain:



- Legal valuation looks at the business transactions from the point of view of the affiliated companies including legal markups
- Group valuation looks at the whole group eliminating intercompany markups
- Profit center valuation treats profit centers as if they were independent companies using e.g. negotiated prices

Parallel Transfer Price Valuation Views in ERP

Parallel Transfer Price Valuations were available in ERP since Release 4.0, but with quite some shortcomings:

- High complexity due to heterogeneous treatment of parallel valuations
 - GL uses currency fields (2nd and 3rd currency) to store parallel valuations.
 - CO uses parallel versions for actual date where the version 0 contains a full value and the parallel actual versions contain the delta compared to version 0
 - Material Ledger uses currency types
 - Fixed Asset Accounting uses different depreciation areas
 - FI-SL uses Ledgers
- Delta logic in CO was hard to understand
- Insufficient currency flexibility, i.e. activating transfer pricing eliminated the possibility to have parallel currencies in FI (needed for legal reasons).

The complexity of the given ERP solution forced many customers to implement their own solution, e.g. with SAP BI

Parallel Transfer Price Valuation Views in SAP S/4HANA

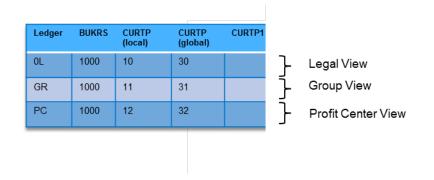
Unified architecture for parallel valuations in the Universal Journal We provide 2 general options, which you also can combine:

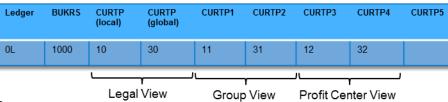
Parallel valuations updated in *parallel single-valuation ledgers*

- Use separate ledger for each valuation
- transparent separation of postings and reporting of financial results based on the various regulations

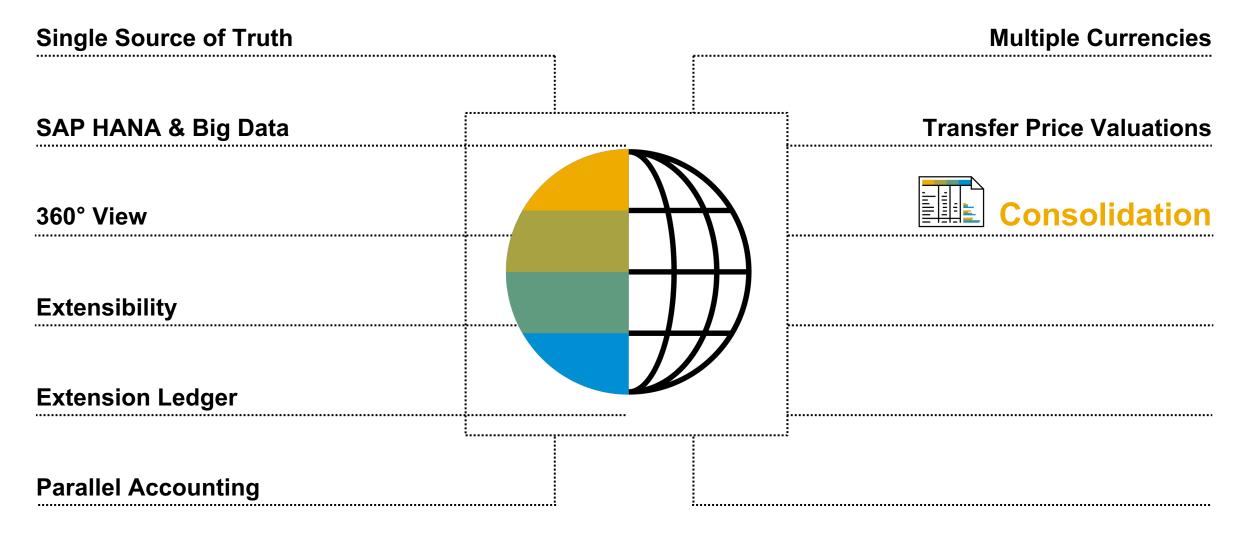
Parallel valuations updated in a *multi-valuation ledger*

- use separate amount columns in the same ledger
- reduces memory footprint
- reduces effort and time for closing activities
- default for migration from Business Suite with parallel transfer price valuations



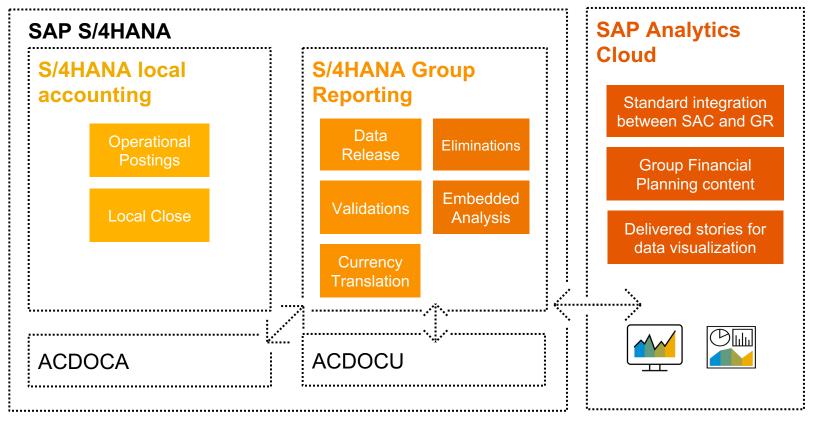


Key Characteristics of the Universal Journal



Universal Journal and Consolidation

Unconsolidated Data

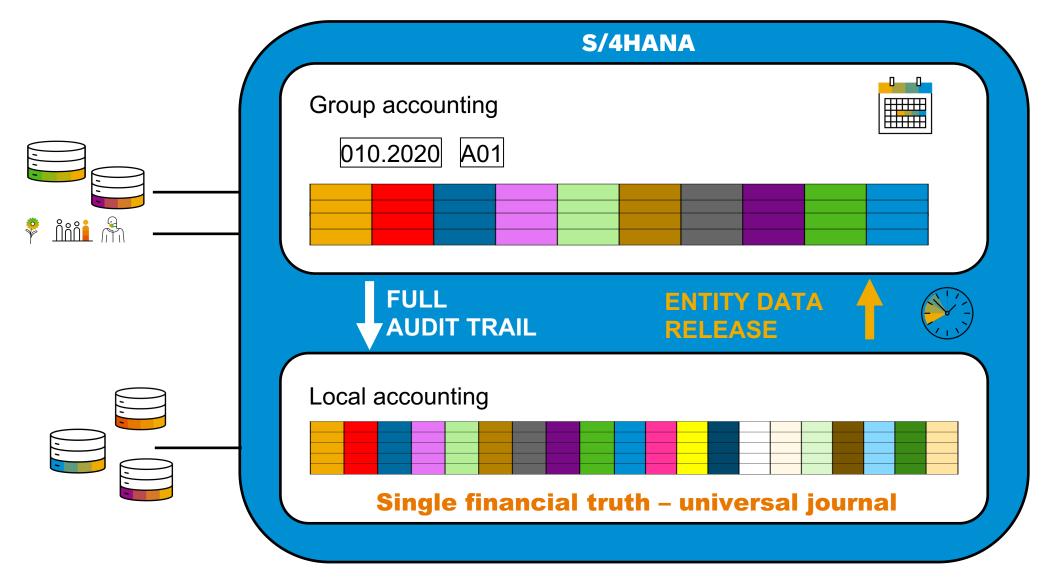


Consolidation

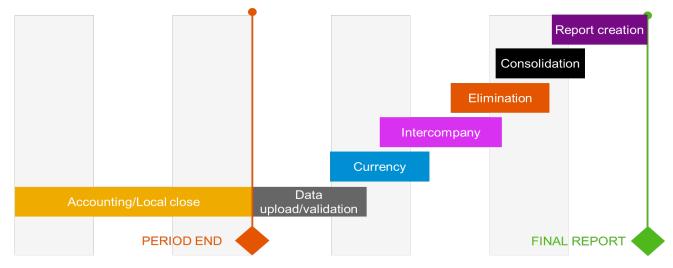
- One data model across local and group close
- No ETL importing data into consolidation
- Audit trail from consolidated statement to underlying operational transactions
- End-to-end Best Practice content
- IC reconciliation to elimination across local and group close
- Full integration with SAC planning and analysis

Consolidation Postings Planning / Analysis

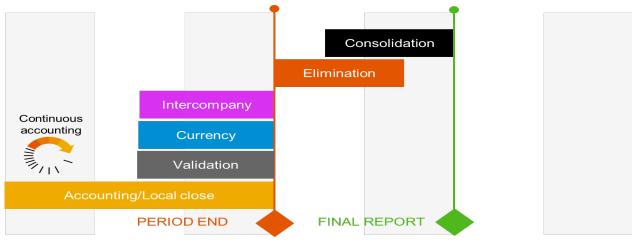
Integrated harmonized data



Redefining financial close

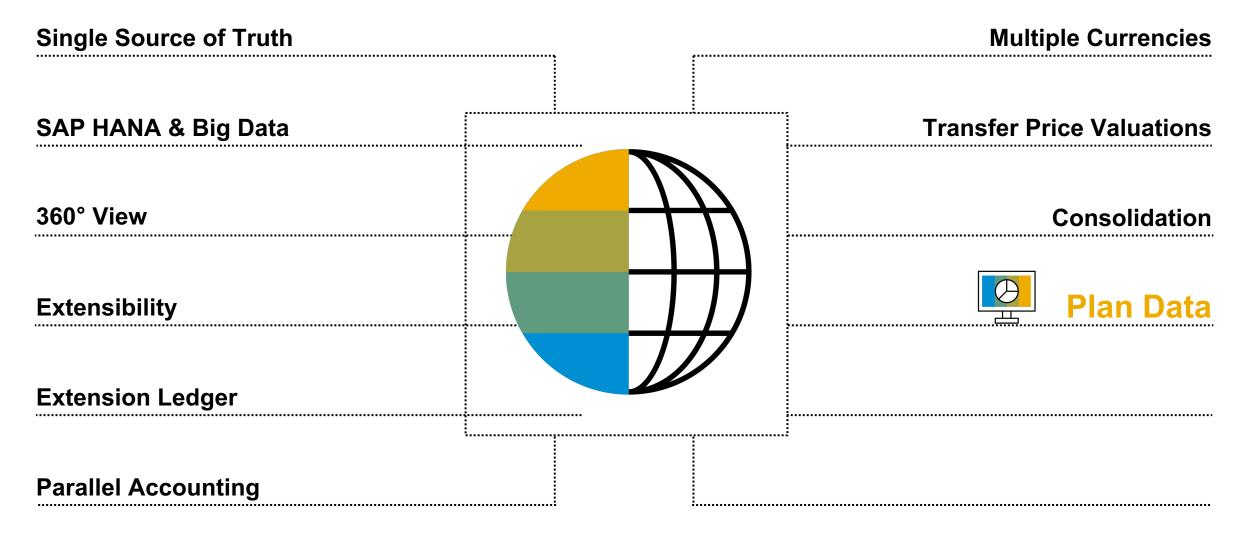


Close timeline – past

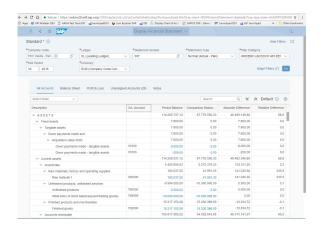


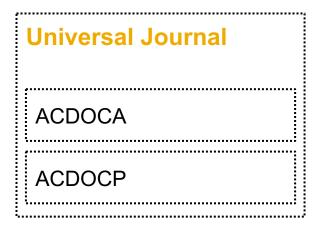
Close timeline - proposed

Key Characteristics of the Universal Journal



Plan Data in the Universal Journal





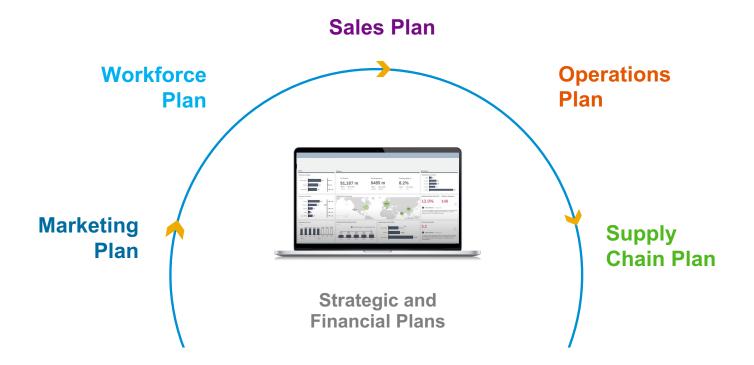
Strategic direction

- One single persistence for plan data in the Universal Journal as well.
- Table ACDOCP fitting perfectly to ACDOCA: Easy plan/actual comparison based on same fields and structure.

Status

- SAP Analytics Cloud (SAC) for planning as planning application for periodical planning in SAP S/4HANA Cloud with ACDOCP as sole persistence.
- On the roadmap we plan to enhance other native planning capabilities directly on ACDOCP (e.g. plan allocations).

Extended Planning and Analysis



Strategic alignment with all departments

by aligning all strategic, financial, and operational plans

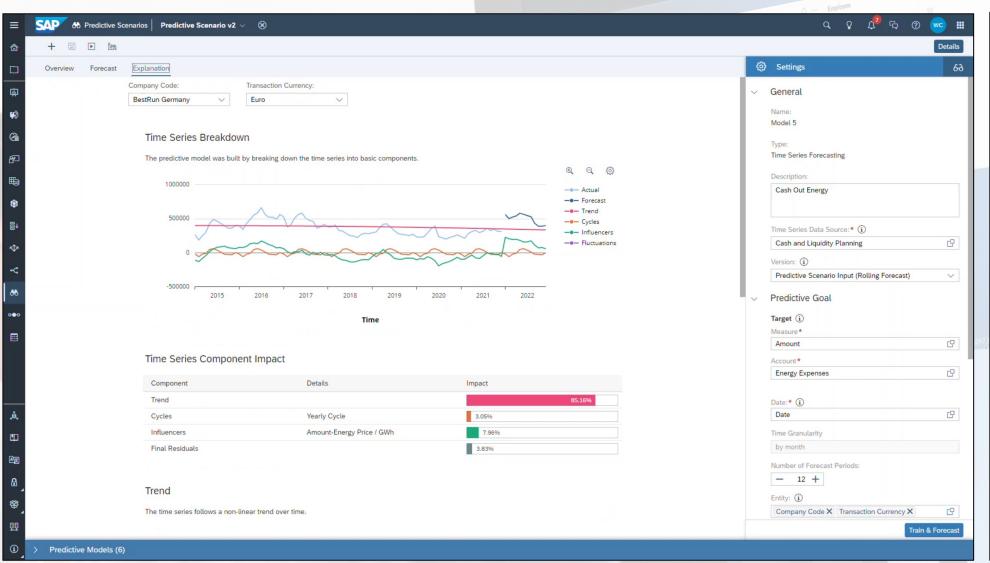
Respond in the moment to market disruptions

by crowdsourcing plans with enterprise-wide engagement

Make faster, more confident decisions

by empowering planning professionals with intelligent analytical tools

Predictive Liquidity Forecast

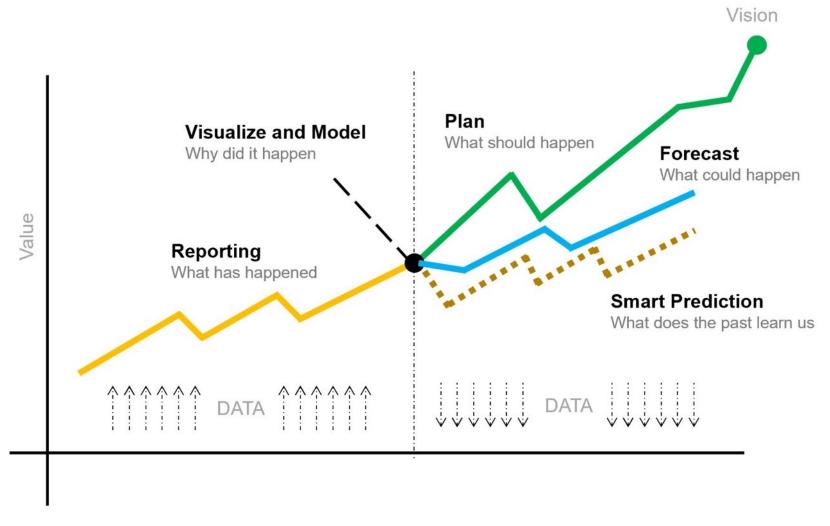




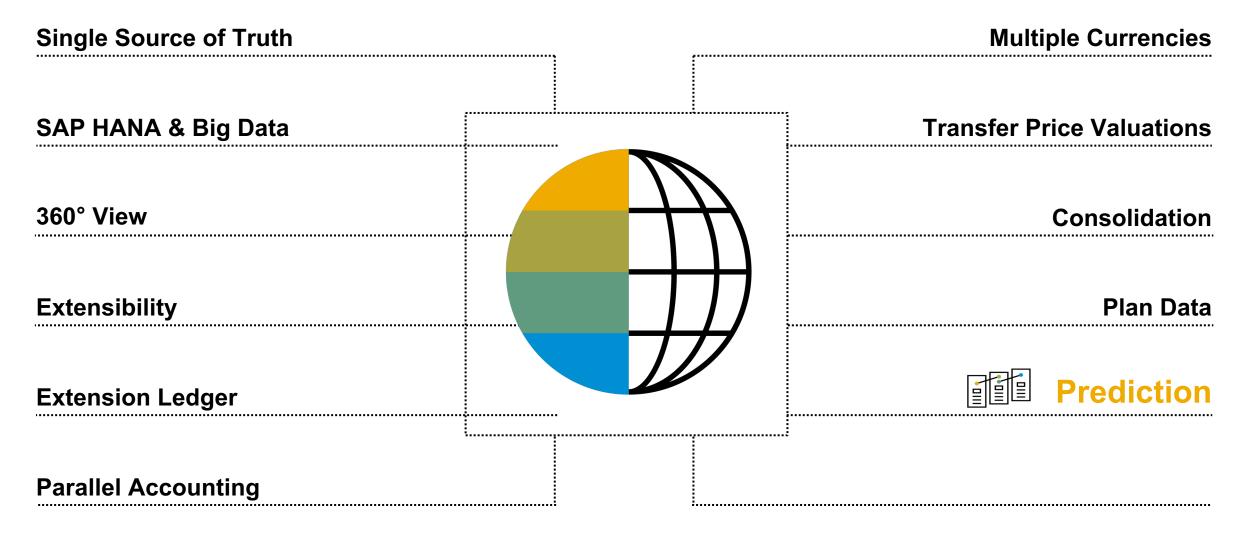
Q ... Sales Phase

Combining the Power of Analytics, Planning and Predictive

To optimize future business performance



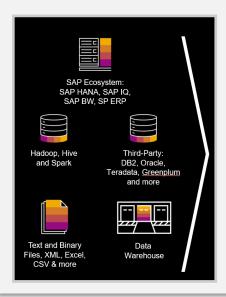
Key Characteristics of the Universal Journal



Predictive Analytics vs. Predictive Accounting

TOP-DOWN Prediction

Predictive Analytics data mining (time series, classification, regression, clustering) on aggregated historic data







BOTTOM-UP Prediction

Predictive Accounting based on predicted financial documents resulting from a simulation of individual business processes and their document flow



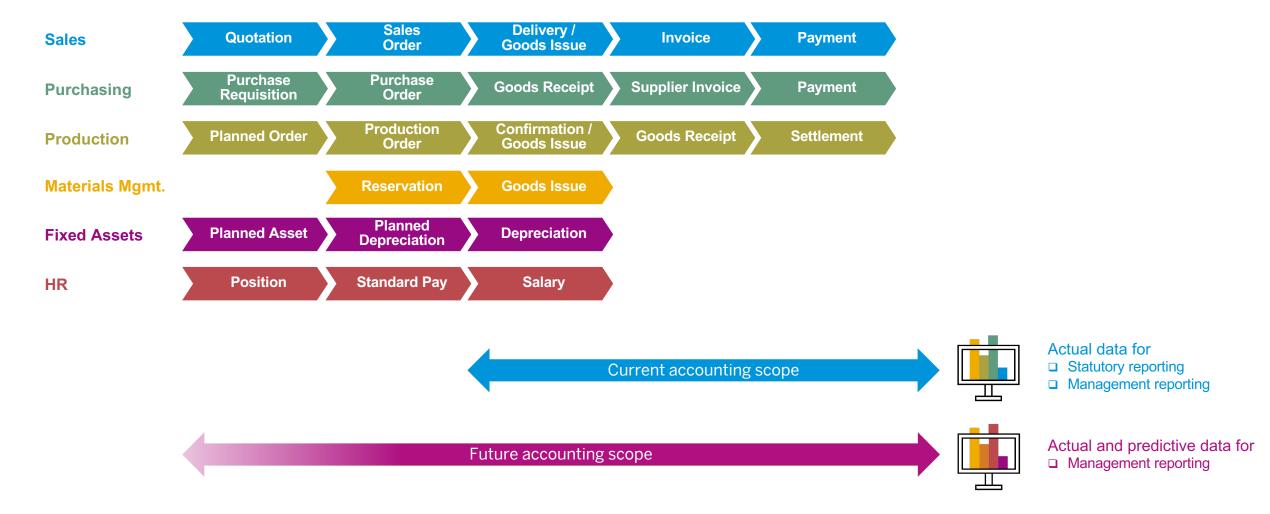




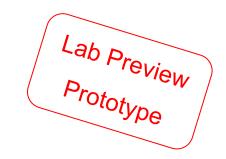


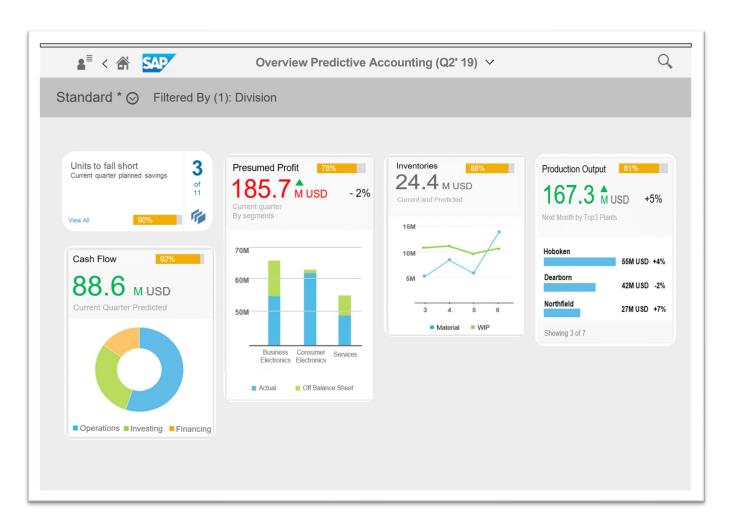
Predictive Accounting

Extending the reach of Accounting



Predictive Accounting vision





- □ All KPIs based on journal entries as single source
- □ Fully consistent set of key figures
- □ Actuals and prediction data in joint KPIs
- Reuse of data processing and analytics from actuals
- □ Audit proof explanation of reported results
- Extend the traditional reach of accounting beyond GAAPs

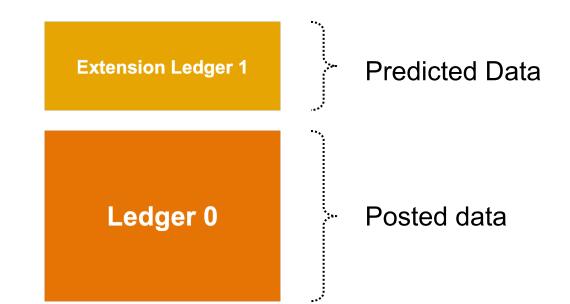
Extension Ledger for Prediction

Other Use Case for Extension Ledgers:

- Predicted data
 - Enrich actual data by forecasts

Reporting

- Use extension ledger principle to mix actual data with predicted and/or simulated data
- All reports with ledger as parameter are enabled to show mixed data



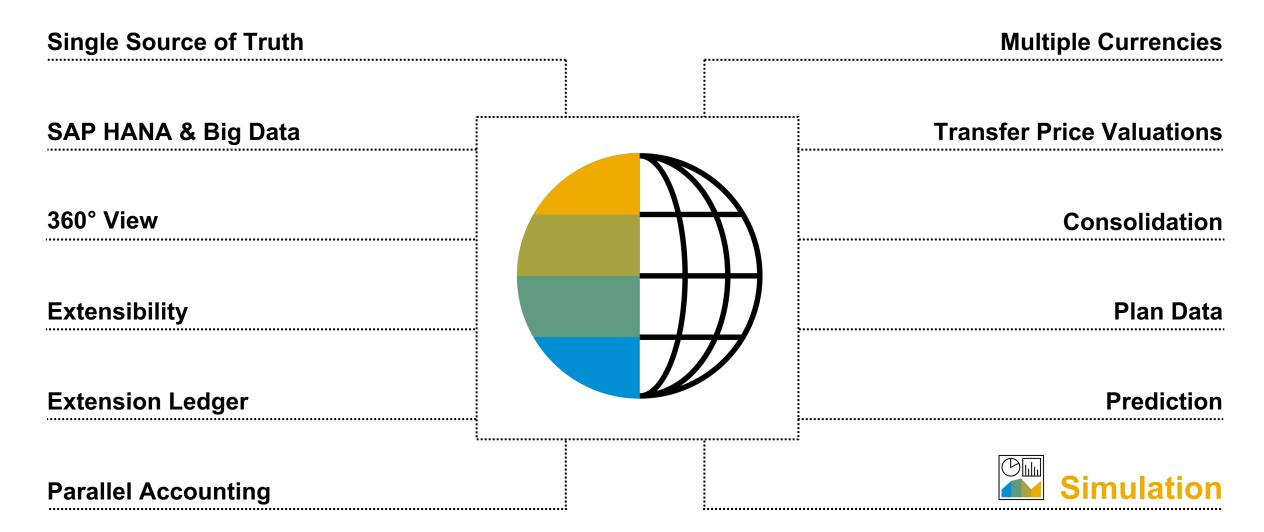
Analytical List Page - Content Visualization Section

Incoming Orders in M USD (1,354 Items)
All Journal Entries / Current Period, USA





Key Characteristics of the Universal Journal



Simulation & Prediction



Other Use Case for Extension Ledgers:

- Simulated data
 - See result of test runs of period end close activities
 - Delete and redo simulations
- Predicted data
 - Enrich actual data by forecasts

Reporting

- Use extension ledger principle to mix actual data with predicted and/or simulated data
- All reports with ledger as parameter are enabled to show mixed data

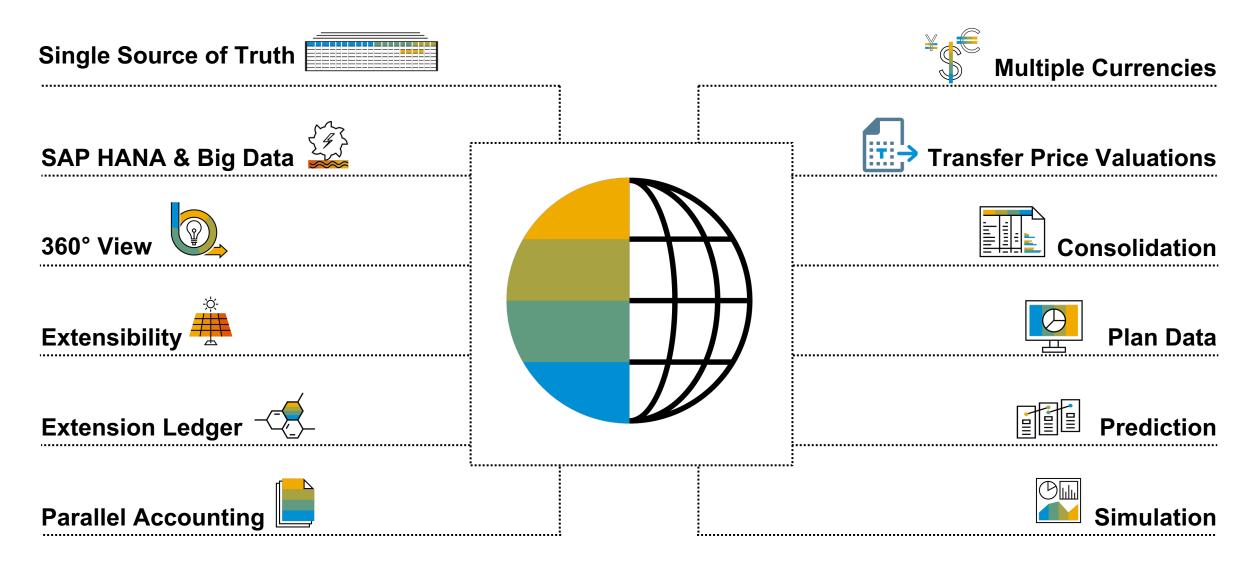
Extension Ledger 2 Simulated Data

Extension Ledger 1 Predicted Data

Ledger 0

Posted data

Ongoing Innovation of the Universal Journal



Reinvent the "R" in ERP

Expanding the definition of "resources" to environmental resources

→ Carbon accounting



Read the carbon accounting white paper from SAP and WBCSD

Record

Account emissions with accuracy based on actuals along your supply chain

Report

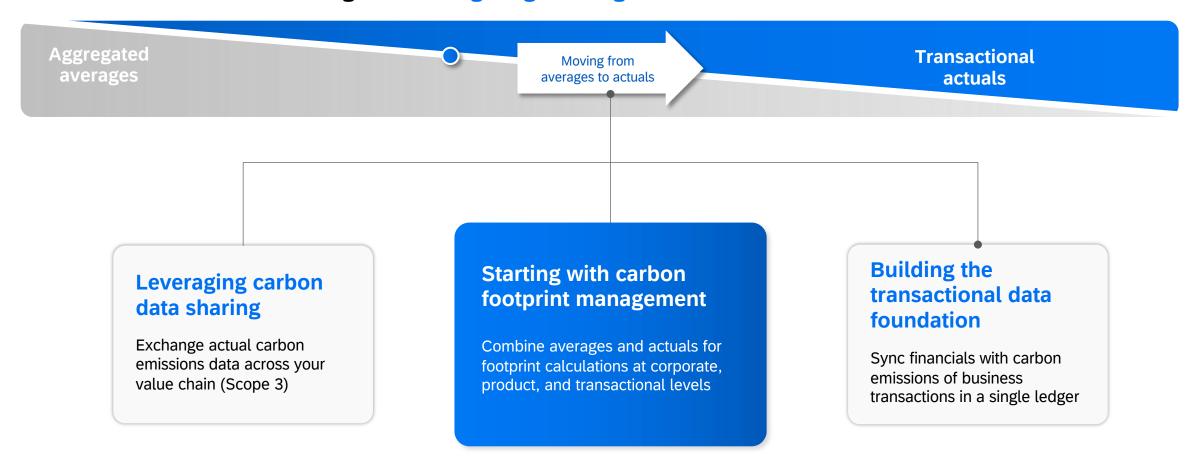
Make emissions comparable with standardized reporting

Act

Reduce emissions based on carbon data in your existing business software

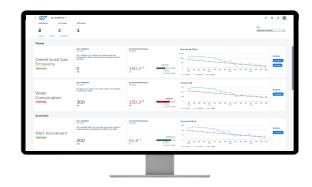
Move from averages to actuals toward transactional accounting

Build future-proof capabilities today
Transactional carbon accounting – Pioneering the green ledger



Revinventing the 'R' in ERP

Automated, auditable, compliant reporting with actual data & insights to embed sustainability into business processes



Record: Actuals instead of averages

Record ESG factors for faster time to value & granular data visibility based on actual data, not averages

Report: Audit-ready ESG metrics

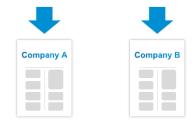
Report regulatory compliant ESG metrics covering common frameworks based on an open & extensible solution

Act: ESG embedded in business processes

Plan your future with insights, forecasts and target setting



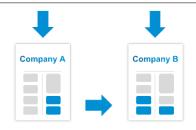
Today Top-down carbon accounting based on averages



 Top-down carbon calculator or selfdeveloped tools (e.g., in Excel)

Tomorrow

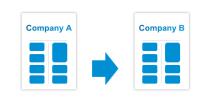
Hybrid carbon accounting combining averages with actuals



- Top-down carbon calculatorProduct-level carbon calculator
 - Carbon data sharing
 - Transactional ERP data foundation

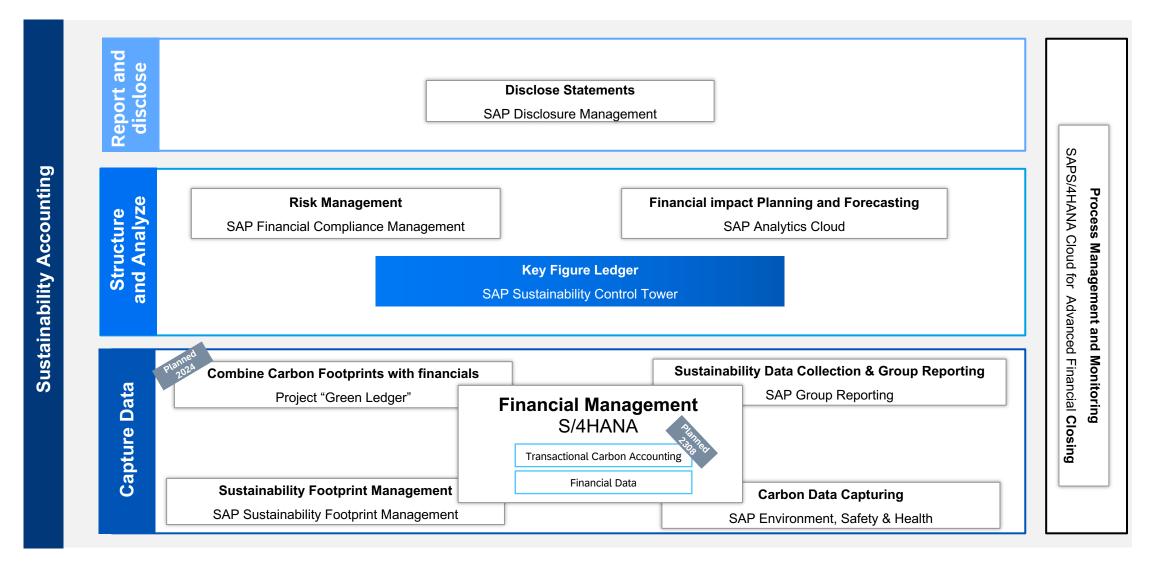
Vision

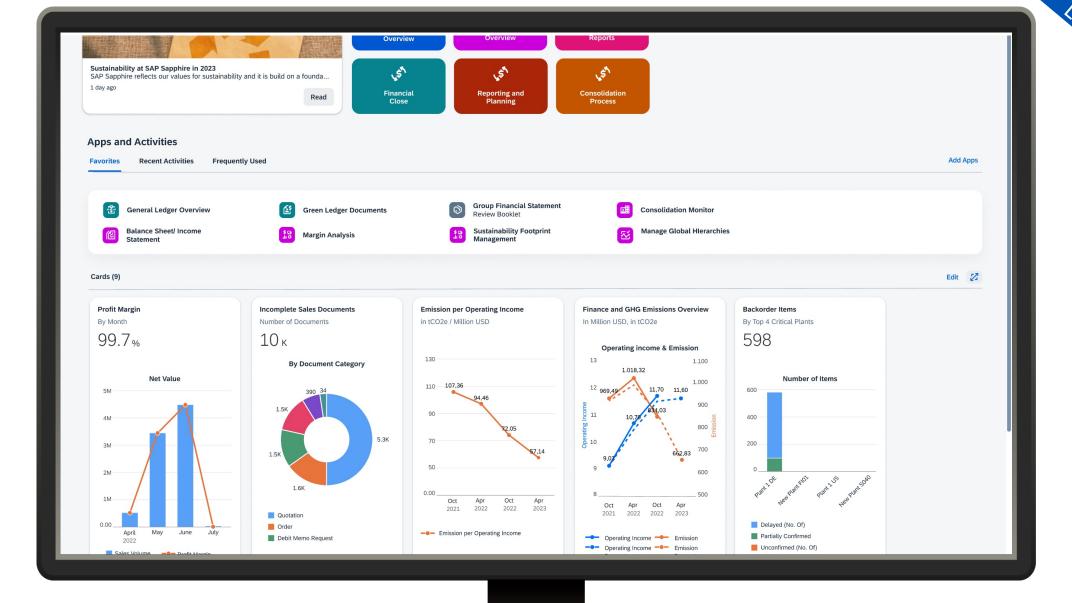
Ledger-based carbon accounting
based on actuals

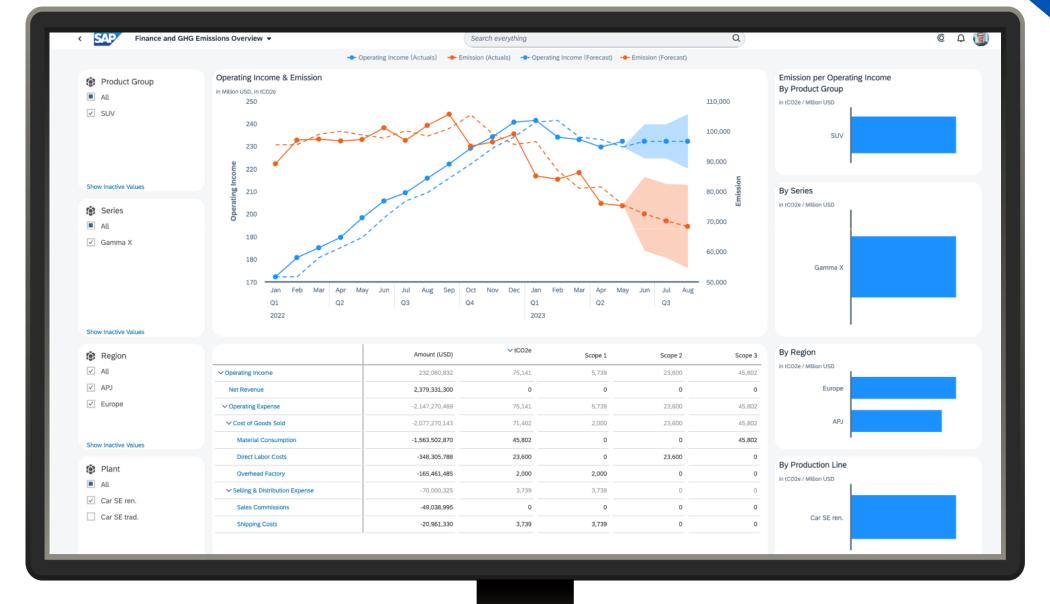


- Green ledger as part of transactional ERP data foundation
- · Product-level carbon calculator
- · Carbon data sharing

High-level architecture









Move to SAP S/4HANA Cloud which enables Office of CFO



Business steering by any dimension



Instant ad hoc analytics



New business models with holistic revenue management



Continuous compliance by design



Non-disruptive approach for your Cloud Finance transformation

The Perfect Financial and Management Accounting System

Don't you dream of a reporting solution, that ...

- comprises actual data, plan data, simulated data, and prediction data ✓
- presents data in a common structure making comparison easier
- provides all required currencies
- contains all details
- presents a 360° view on objects of interest (P&L + Balance Sheet KPI's) ✓
- shows the unconsolidated and consolidated views in real time (ad hoc group reporting)



- is up to date at every point in time
- gives a full audit trail
- is based on a single source of truth: fully reconciled by architecture
- is set up without data redundancy
- fulfills legal requirements from a local and a group perspective
- is the basis for management reporting at every needed granularity
- can be enhanced / extended easily



Save The Date

Date: August 8, 2023

Venue: The Hyatt Regency, Sydney

More details coming soon



Connect with me!



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SAP Asia Pacific & Japan
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