Finance in SAP S/4HANA 1909

Michel Haesendonckx, SAP SE
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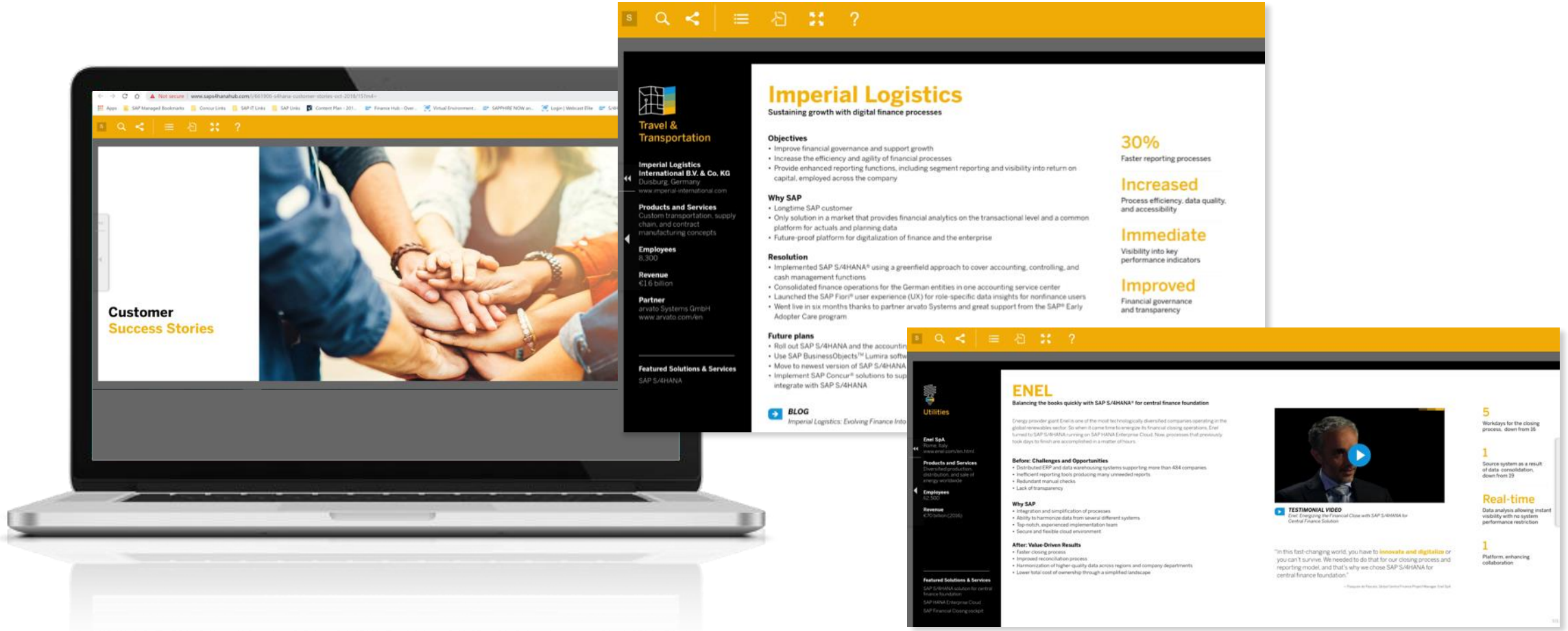
SAP S/4HANA Customer Story Flipbook

Including Finance Transformation examples



[SAP S/4HANA Customer Story Flipbook]

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Finance topics on YouTube and on the Virtual Finance Summit platform

Video Overview

SAP Finance playlist on YouTube:
https://www.youtube.com/playlist?list=PL3ZRUb1AKkpTQscw2i-DjiEv0C-PTQINd

SAP Offering for Record-to-Report and FP&A in SAP S/4HANA (Michel Haesendonckx) on YouTube:
Why move to SAP S/4HANA for Accounting and FP&A: An extensive process view

E2E view on financials – Enabling group-wide steering (Michel Haesendonckx) on YouTube:
https://www.youtube.com/watch?v=_tZTVdOzRds

Virtual Summit (link)

Examples:

Superior Steering with Intelligent Accounting and Financial Close (Christoph Ernst 13 min)

Automating Closing and Consolidation (Elizabeth Milne 14 min)

Start your Finance Transformation with Central Finance (David Ormerod 15 min)

Machine Learning in Finance (Sebastian Schroetel 17 min)

Predictive Accounting (Michel Haesendonckx 10 min)

Margin Analysis (Michel Haesendonckx 19 min)

… and far more (customer testimonials, panels, whitepapers,…)

1909 What's New Videos

SAP S/4HANA 1909 - Finance "What's new" information (also accessible via blog on sap.com/finance):

1909 - Highlights for Finance and Risk (Benno Eberle)
https://youtu.be/Jc7_sZHDESQ

1909 – SAP Contract and Lease Management (Tom Anderson)
https://youtu.be/280GPAHPz-E

1909 – SAP Receivables Management (Nicole Baranov)
https://youtu.be/I5KWi7PxBMI

1909 – SAP Treasury Management (Arif Esa)
https://youtu.be/NyJKmaaVNRU

1909 – Orchestrating an Accelerated Financial Close (Katharina Reichert) https://youtu.be/Kw_nZ_BLADY

1909 – SAP S/4HANA for Group Reporting (Philip Aliband)
https://youtu.be/3M7a1lsMrL8

(All Michel Haesendonckx:)
1909 - Driver-based Planning with SAP S/4HANA and SAP Analytics Cloud - https://youtu.be/hYCCIX6SN4U)

1909 - Margin Analysis with SAP S/4HANA Cloud and On Premise - https://youtu.be/f6IAs5EUiP0

1909 - Universal Allocation in SAP S/4HANA
https://youtu.be/XvxIrzSRxck

1909 - Embedded Analytics - Integrating S/4HANA and SAC - https://youtu.be/PP4MERLl69w

1809 What's New Videos

Finance SAP S/4HANA 1809 "What's new" information (also accessible via blog here):

Finance 1809 Overview (Michel Haesendonckx)
https://youtu.be/CzPhDejuft8

Margin Analysis (Michel Haesendonckx)
https://youtu.be/TfbthMsYcrc

Predictive Accounting (Michel Haesendonckx)
https://youtu.be/yH-HJWeDyXA

Embedded Analytics (Michel Haesendonckx)
https://youtu.be/wpakxWVEQv8

Accruals Management (Christoph Ernst)
https://youtu.be/wEru-hqfj1w

Goods and Invoice Receipt Reconciliation (Christoph Ernst)
https://youtu.be/jJXqWF1wJkw

Group Reporting (Christoph Ernst)
https://youtu.be/mwn3O1rxd0I

Tax Service (Stefanie Schuetz-Tschiersky)
https://youtu.be/EEhIAJfQjXM

Treasury (Christian Mnich)
https://www.youtube.com/watch?v=cGQuSpdaBS8

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INTERNAL – Pricing guide and latest version of slide deck

THE pricing guide for Accounting and Closing can be retrieved from:
https://jam4.sapjam.com/groups/RPadq9Uyvh8E1ChNAx59ry/documents/nWumpB3LMB1XorPf9J3vwn/slide_viewer?_lightbox=true

Latest version of this slide deck can be retrieved from:
https://jam4.sapjam.com/groups/RPadq9Uyvh8E1ChNAx59ry/documents/jbvqL8bPIYEhBz4euQ7Fx7/slide_viewer?_lightbox=true

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SAP S/4HANA – Accounting at the Heart of Every Enterprise

Transform from executing daily operations to drive growth and new business models

	Plan & Prepare	Accounting	Close	Report & Steer
FP&A Financial Planning & Analysis	Plan & Predict	Management Accounting	Margin Analysis	Simulate & Optimize
R2R Record-to-Report	Record	Financial Accounting	Financial Close	Financial Reporting

https://www.youtube.com/watch?v=mWmiAsY8y4w

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SAP S/4HANA Record-to-Report

What's new in S/4HANA Finance 1909

Topic specific video available on YouTube
(see resources overview)

R2R Record-to-Report	Plan & Prepare	Accounting	Close	Report & Steer
	Record	Financial Accounting	Financial Close	Financial Reporting
	▪ SAP S/4HANA Central Finance: • Accounting View on Logistics Information (AVL) New • Indirect tax reporting New	▪ Accruals management Enhanced ▪ SAP S/4HANA for goods and invoice receipt reconciliation Enhanced ▪ Time-dependent Tax New ▪ T-Account Display New ▪ SAP Account Reconciliation and Automation by Blackline Enhanced	SAP S/4HANA Cloud for Advanced Financial Closing Enhanced SAP S/4HANA for Group Reporting Enhanced ▪ SAP Intercompany Financial Hub by Blackline Enhanced ▪ SAP Intelligent Robotic Process Automation New	▪ SAP Revenue Accounting and Reporting (IFRS 15) SAP S/4HANA Cloud for Contract & Lease Management (IFRS 16)

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SAP S/4HANA Financial Planning & Analysis

What's new in S/4HANA Finance 1909

Topic specific video available on YouTube (see resources overview)

FP&A

Financial Planning & Analysis

Plan & Prepare

Plan & Predict

- Financial planning content, integrated with SAP Analytics Cloud for Planning Enhanced
- Predictive accounting Enhanced

Accounting

Management Accounting

- Universal Allocation New
- Where used list New
- Real Spend Enhanced

Close

Margin Analysis

- Margin Analysis Enhanced
- Financial Statement Insights Enhanced

Report & Steer

Simulate & Optimize

- SAP Analytics Cloud and embedded reporting Integrated
- Customer Profitability Analytics New

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	Area	Key Topic/Enhancements to be planned with 1909	On premise	Separate License
R2R	Record	Central Finance: Indirect Tax Reporting	1809, FPS02	x (CF + ACR)
	Financial Accounting	Accruals Management: ML-Service	1909	x (only ML-service)
		Goods and Invoice Receipt Reconciliation: ML-Service + Enhancements	1909	x
		Time-dependent tax code	Tbd. (not 1909)	
		T-Account Display	1909	
		SAP Account Reconciliation and Automation by BlackLine	connectivity	x
	Financial Close	Group Reporting: Advanced Intercompany Reconciliation	1909	x
		Advanced Financial Closing	connectivity	x
		Intelligent RPA	connectivity	x
FP&A	Planning/Prediction	Financial Planning Content in SAC	1809+	x
		Predictive Accounting	enhanced	
	Management Accounting	Universal Allocations: Actuals	1909/2009	
		Where used list	1909	
		RealSpend	connectivity	x
		Financial Statement Insights	connectivity	x
	Margin Analysis	Margin Analysis		

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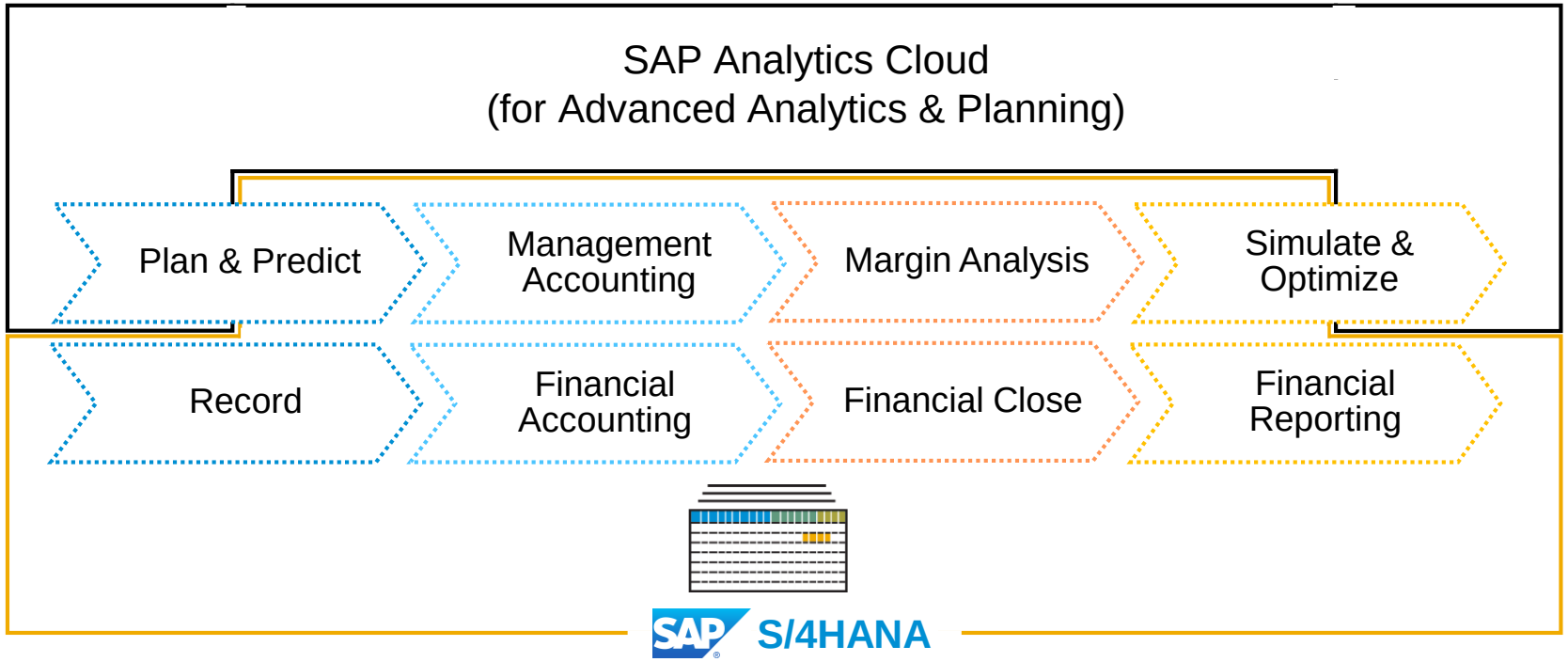
SAP high-level Solution Architecture addressing Finance Needs

Integrating transactional and analytics world, providing a single source of truth



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SAP S/4HANA Record-to-Report

What's new in S/4HANA Finance 1909

Topic specific video available on YouTube (see resources overview)

R2R
Record-to-Report

Plan & Prepare

Record

- SAP S/4HANA Central Finance:
  - Accounting View on Logistics Information (AVL) New
  - Indirect tax reporting New

Accounting

Financial Accounting

- Accruals management Enhanced
- SAP S/4HANA for goods and invoice receipt reconciliation Enhanced
- Time-dependent Tax New
- T-Account Display New
- SAP Account Reconciliation and Automation by Blackline Enhanced

Close

Financial Close

- SAP S/4HANA Cloud for Advanced Financial Closing Enhanced
- SAP S/4HANA for Group Reporting Enhanced
- SAP Intercompany Financial Hub by Blackline Enhanced
- SAP Intelligent Robotic Process Automation New

Report & Steer

Financial Reporting

- SAP Revenue Accounting and Reporting (IFRS 15)
- SAP S/4HANA Cloud for Contract & Lease Management (IFRS 16)

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Central Finance: Accounting View of Logistic Information (AVL)

Objective & Benefits

Accounting View of Logistic Information Component:

- **Objective: provide a value flow that is**
  - complete
  - streamlined
  - consolidated

- **Benefits: bring the single source of truth for**
  - Indirect tax reporting
  - Central closing
  - Forecast analysis
  - …

Additional topics planned with S/4HANA 1909:

- Reverse and Repost incorrect postings
- Central Payments enhancements (down payment processing)

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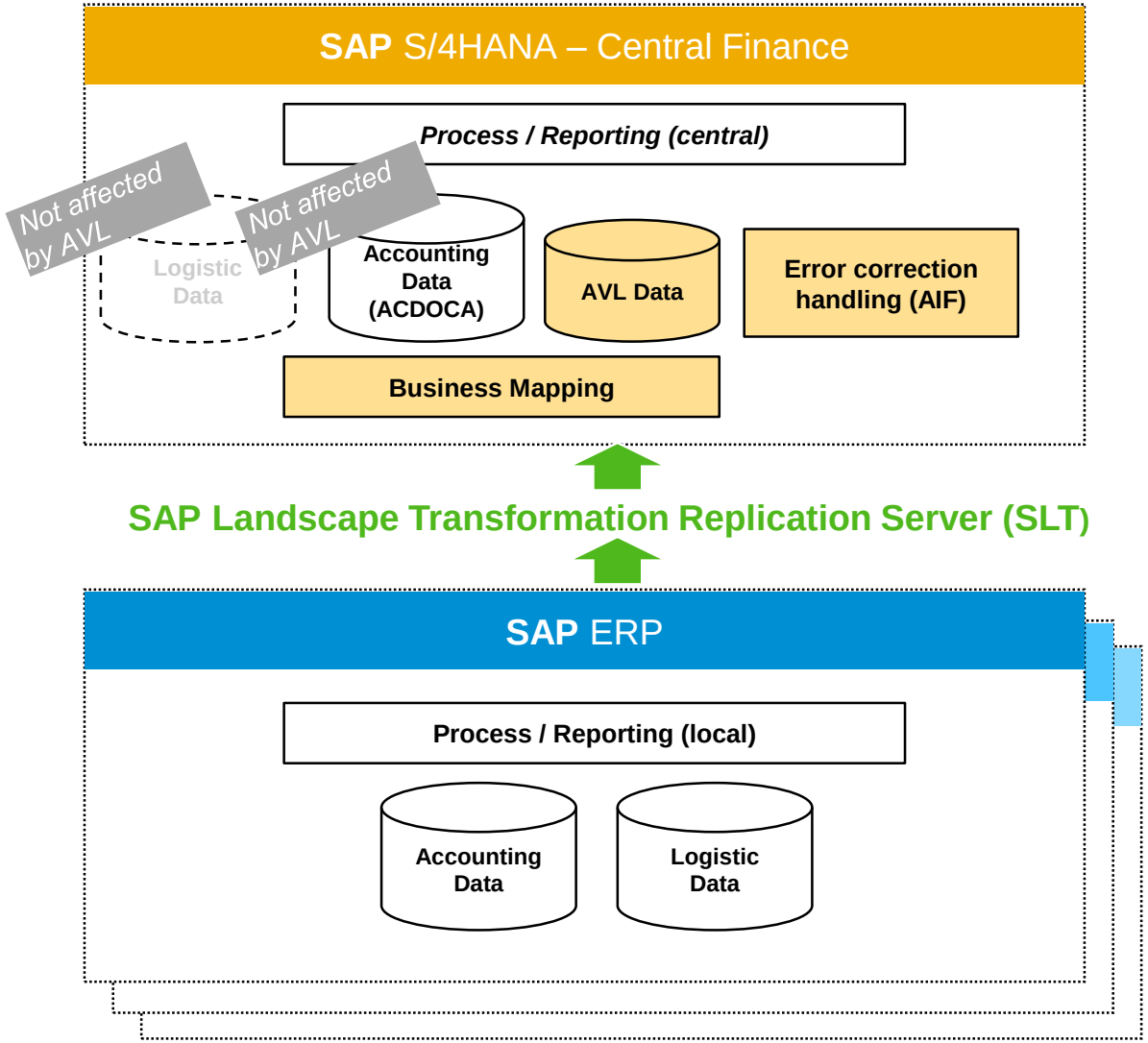
Accounting View of Logistic Information

Overview & Procedure



Accounting View of Logistic Information (AVL)

- Replicates logistic data from source systems to the Central Finance system.
- Value in certain fields of the sales order, customer invoice and supplier invoice are replicated to support indirect tax reporting for some countries within current design.

How it works

- Data from logistics business objects is required in Central Finance. A required subset of data is replicated. AVL uses separate tables to store logistic data in Central Finance.
- With the generic initial load functionality of SLT, it is possible to transfer historical logistic documents. SLT real-time replication ensures the continuous update of AVL tables in the Central Finance system.
- AVL supports business mapping before data storage. AIF is used in the Central Finance system for monitoring errors and (automated) re-processing.

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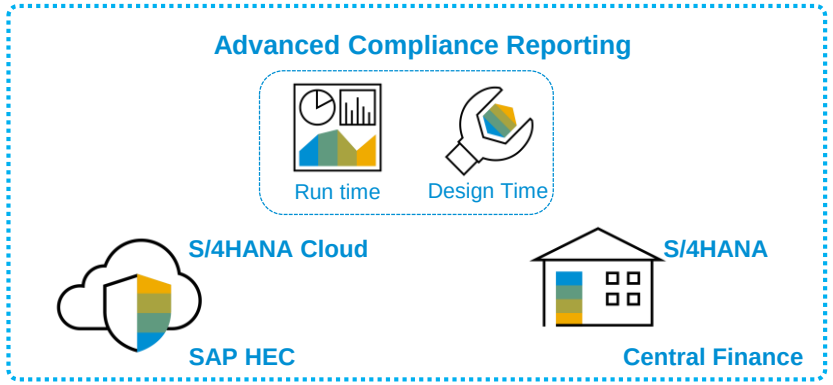
Use Case: Indirect Tax Reporting with Advanced Compliance Reporting

Next generation legal reporting platform

Any legal reporting requirement

- VAT Periodic Return
- Withholding Tax
- EC Sales List
- Financial Statement
- Audit Files
- VAT Sales and Purchase Ledger
- Balance of Payments
- Asset Reporting
- Foreign trade declaration
- Transport Tax
- Goods and Service Tax
- ...



Legal Authorities

- **Homogenous** legal reporting solution as per Government prescribed formats
- Data Preview, **Embedded Analytics and Audit Trail**
- **Real Time reporting** without any data replication and reconciliation
- E2E Monitoring and **Complete Transparency** on reporting compliance
- **Guided platform** for defining and extension of reports

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Close

Financial Close

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Report & Steer

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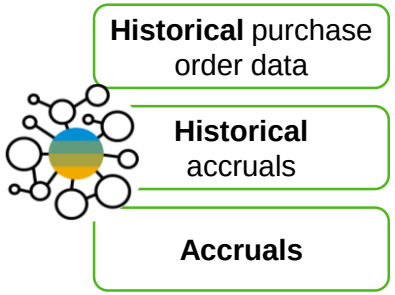
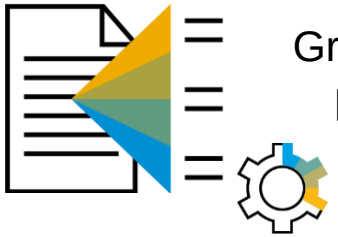
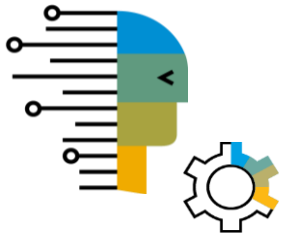
SAP Accruals Management

Purchase Order Accruals Automation and Prediction





Group certain purchase orders



Automatically accrue POs depending on confidence level

Improve your cash flow planning by faster and more accurate calculating the accruals/deferrals

Reduce days to close annual books

Reduce PO error rate

Reduce finance cost

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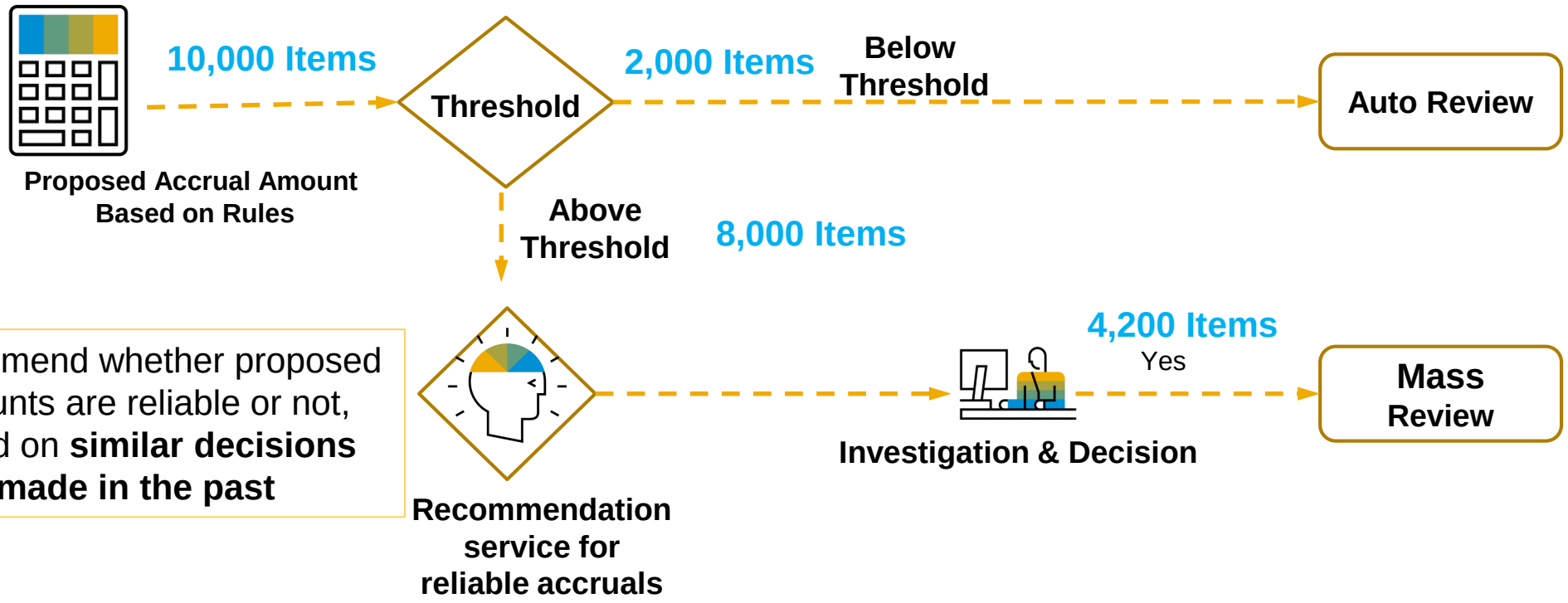
Machine Learning applied to Review/Approve Accruals

Intelligent Recommendations

Labs Preview for on premise



Recommend whether proposed amounts are reliable or not, based on **similar decisions made in the past**

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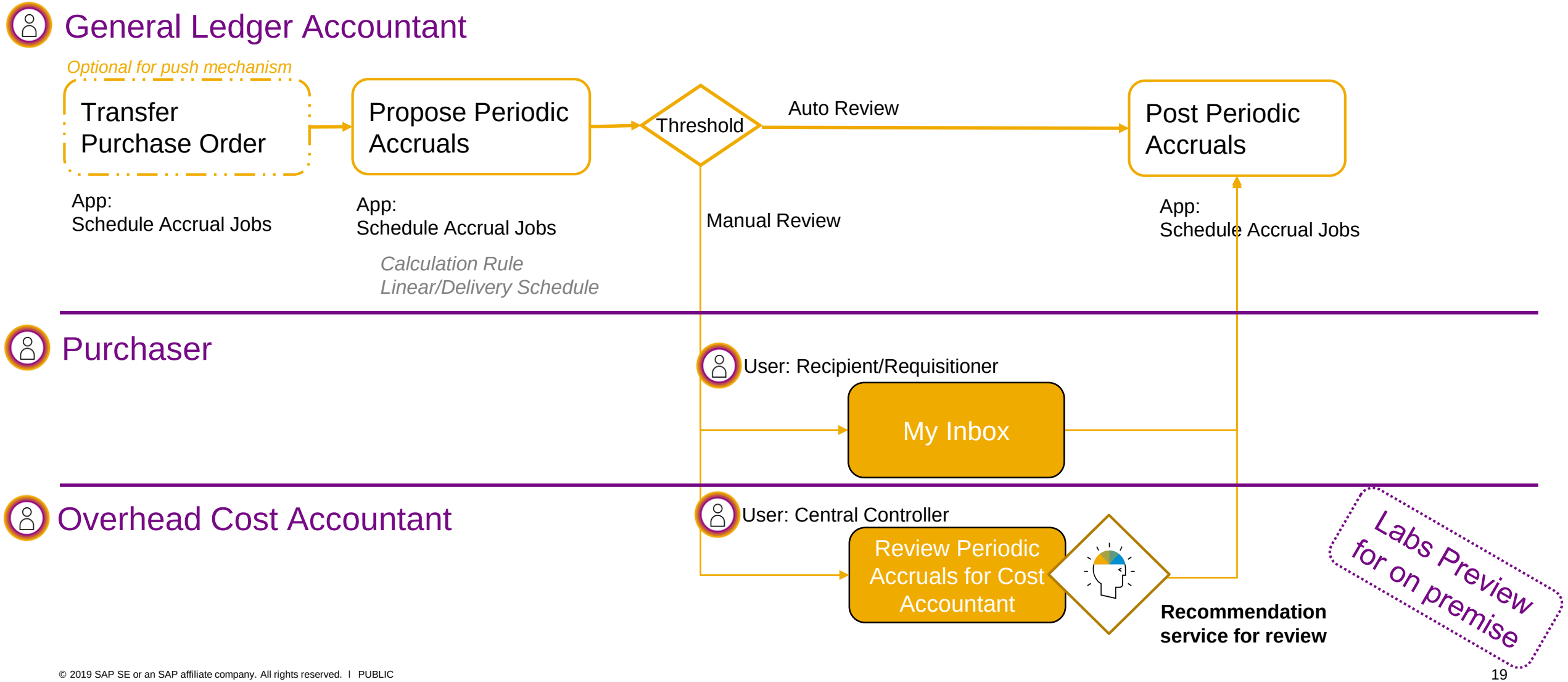
Purchase Order Accruals

ML Recommendation Service for Accruals Manual Review



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Machine Learning Process

Labs Preview for on premise

General Ledger Accountant

Train Prediction Model

App:
Schedule Accrual Jobs

Use Historical Data to train the Model

Infer Accruals from the Prediction Model

App:
Schedule Accrual Jobs

Prediction service for new business data

Overhead Cost Accountant

User: Central Controller

Review Periodic Accruals for Cost Accountant

Recommendation Service for Review

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SAP S/4HANA for Goods and Invoice Receipt Reconciliation

Clear GR/IR Accounts with less effort more accurately

Roadmap 2019: ML-Service for on-premise

History
GR/IR Postings

GR/IR posted to a Purchase Order

Standard Clearing **Rules**

Analyze uncleared postings

Clear postings within predefined threshold

Recommend next steps for FI postings on purchase order item

Reduce write-offs for a better cost and inventory valuation and a better P&L result

Improve efficiency

Reduce costs and efforts

Increase accuracy of the financial statement

Speed up the decision process and accelerate end-period closing

Avoid potential fraud and errors of suppliers

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SAP S/4HANA for Goods and Invoice Receipt Reconciliation

New with 1909

Analytics

Overview Page

New Content and tiles

- Displays KPI's from the logistics and accounting point of view.
- Provides real-time insight into the workload of the teams and the risk of open amounts for the period close result.
- Used e.g. by team leads in a shared service center

Analytical List Page

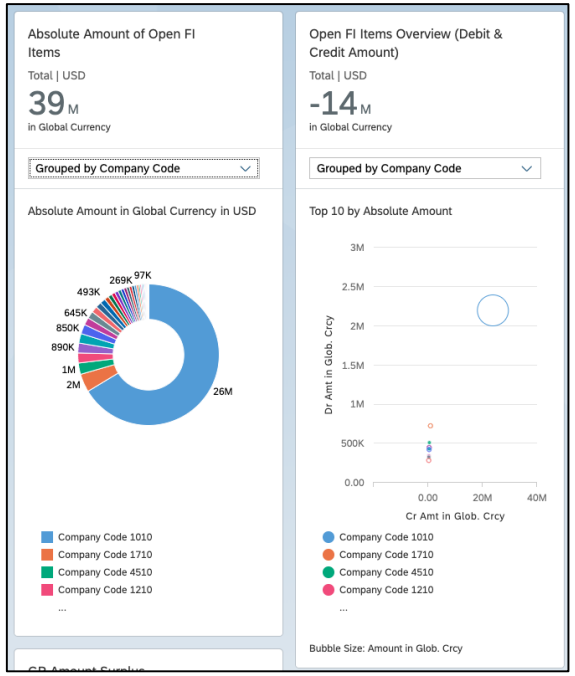
New Content & Capabilities

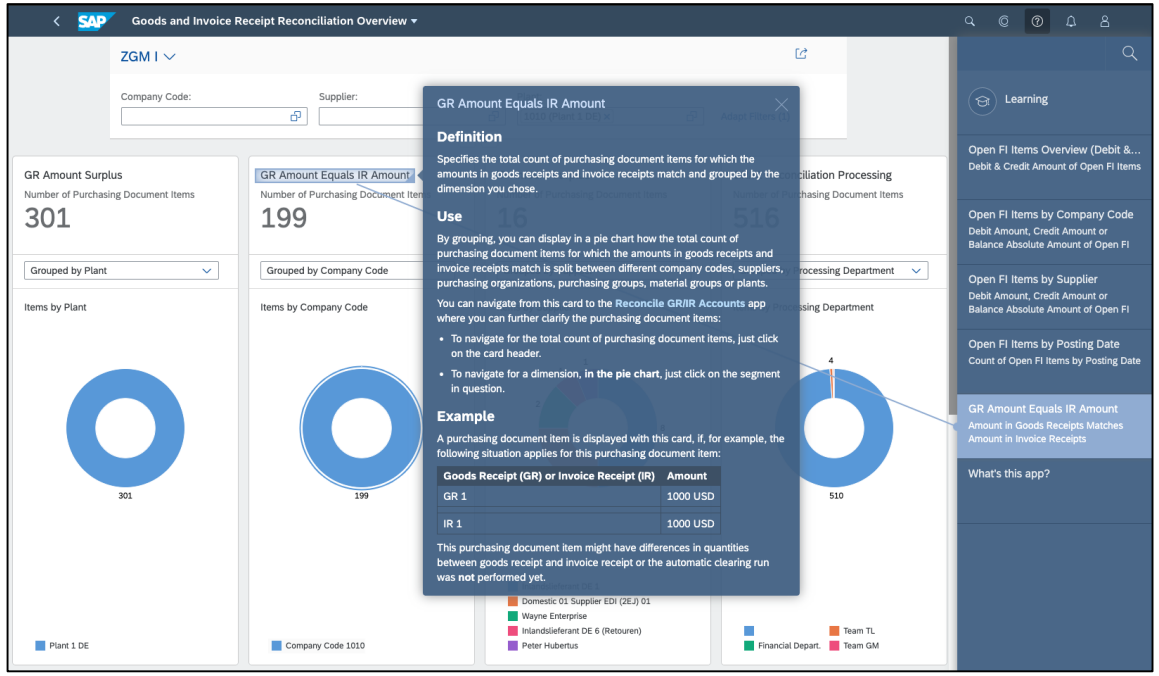
- Analyzing the workload in detail
- Easy drill-down into the purchase order items of interest.
- Mass-processing for decision taking as well as write-off.

Object Page

New Content & Capabilities

- Details related to a purchase order item, its open FI items and purchase order history
- Quickly understanding the situation and taking a decision





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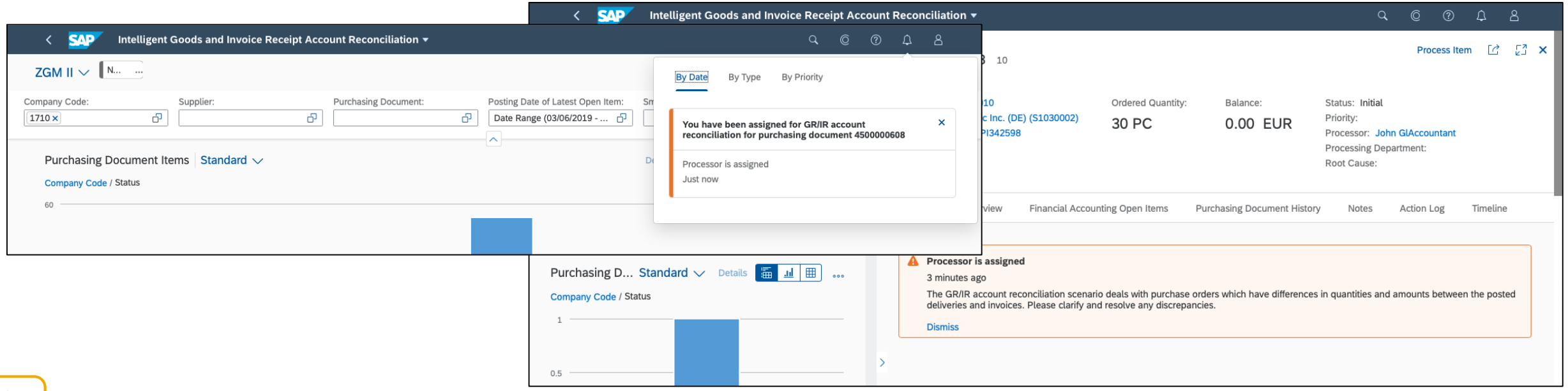
SAP S/4HANA for Goods and Invoice Receipt Reconciliation

New with 1909



Automation

ML Service

- Learns from the decisions taken by the users
- Provides proposals for decision taking

OP Only

Automated Processing Framework

- Processing of purchase order items in the background without user interaction.
- Decision taking can be automated based on the proposals of the ML service and/or custom rules. Actions like automated write-off or sending emails to processors can be triggered.

New

Situation Handling

- Pro-actively inform business users through automatied notifications about a relevant change of a purchase order item.
- E.g. the business user can be notified automatically if a purchase order item is assigned to him as a processor.

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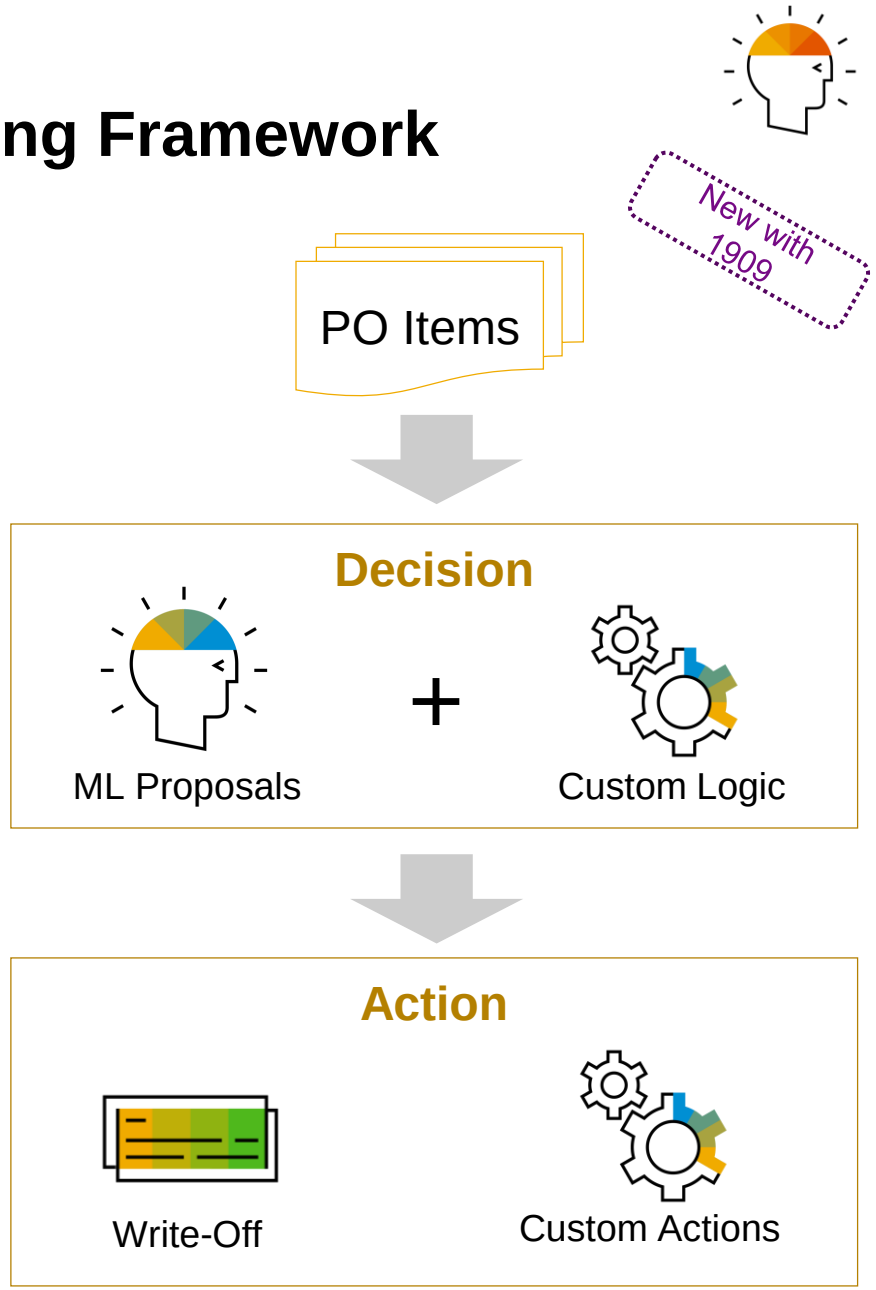
GR/IR Account Reconciliation: Automated Processing Framework

(OP only)

New with 1909

Automated processing of purchase order items with open FI items for a **more efficient** process with **reduced manual intervention**



Step 1: Decide how to process the open items

- Let the ML service decide how to process the open items / use your custom logic / combination of both
- Confidence level of the ML proposals indicates accuracy

Step 2: Take an action

- System can trigger the write-off of the differences for goods, delivery costs or both
- Other custom actions can be triggered as well, e.g. sending email notifications to assigned processors

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S/4HANA Time-Dependent Tax Codes

Fast adoption of new legal requirements and enhanced audit support

Labs Preview – not for 1909, currently only Cloud

Before Time-Dependent Tax
for each Tax Rate separate Tax Codes were required

New tax codes needed
for each tax rate change

V1: 19%

V2: 22%

V3: 24%

V4: 22%

V5: 28%

With Time-Dependent Tax,
VAT calculation is based on the Tax Codes and the **new tax calculation date**

One tax code for all
tax rate changes

V1

01.01.2019: 19%

30.06.2020: 22%

01.01.2021: 24%

01.08.2022: 22%

01.12.2024: 28%

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Display Journal Entries – In T-Account View

Standard

*Journal Entry: 5100000437/1010/3L/2018 1 More

Currency Type: Company Code Currency

*Company Code: 1010

*Fiscal Year: 2018

*Ledger: 3L

Adapt Filters (2) Go

Journal Entries: 2

Sorted by Creation Time - Ascending

Journal Entry 5100000437
Company Code: 1010
Fiscal Year: 2018
Ledger: 3L
Creation Time: 11/16/2018, 07:58:14
Tag:

Journal Entry 5100000438
Company Code: 1010
Fiscal Year: 2018
Ledger: 3L
Creation Time: 11/16/2018, 07:59:29
Tag:

Accounting Impact

Total Balance: **0 EUR**

Balance Sheet Accounts

Credit: 108.4 EUR

12600000
Input Tax (VST)
1010/3L/2018
Debit: 20.6 EUR

Debit	Credit
1.6 EUR Journal Entry: 5100000437 Posting Date: 11/16/2018	
19 EUR Journal Entry: 5100000438 Posting Date: 11/16/2018	

21100000
Paybls Domestic
1010/3L/2018
Credit: 129 EUR

Debit	Credit
	10 EUR Journal Entry: 5100000437 Posting Date: 11/16/2018
	119 EUR Journal Entry: 5100000438 Posting Date: 11/16/2018

Profit and Loss Accounts

Debit: 108.4 EUR

52560000
Gain Sml Prc Diff IR
1010/3L/2018
Credit: 1.6 EUR

Debit	Credit
	1.6 EUR Journal Entry: 5100000437 Posting Date: 11/16/2018

65009000
Other activity costs
1010/3L/2018
Debit: 110 EUR

Debit	Credit
10 EUR Journal Entry: 5100000437 Posting Date: 11/16/2018	
100 EUR Journal Entry: 5100000438 Posting Date: 11/16/2018	

Display Journal Entries – In T-Account View

Standard

*Journal Entry: 5100000437/1010/3L/2018 1 More | Currency Type: Company Code Currency | *Company Code: 1010 | *Fiscal Year: 2018 | *Ledger: 3L | Adapt Filters (2) | Go

Journal Entries: 2

Sorted by Creation Time - Ascending

Journal Entry 5100000437
Company Code: 1010
Fiscal Year: 2018
Ledger: 3L
Creation Time: 11/16/2018, 07:58:14
Tag:

Journal Entry 5100000438
Company Code: 1010
Fiscal Year: 2018
Ledger: 3L
Creation Time: 11/16/2018, 07:59:29
Tag:

Accounting Impact

Total Balance: **0 EUR**

Balance Sheet Accounts — Credit: 108.4 EUR

12600000
Input Tax (VST)
1010/3L/2018
Debit: 20.6 EUR

Debit	Credit
1.6 EUR Journal Entry: 5100000437 Posting Date: 11/16/2018	
19 EUR Journal Entry: 5100000438 Posting Date: 11/16/2018	

21100000
Paybls Domestic
1010/3L/2018
Credit: 129 EUR

Debit	Credit
	10 EUR Journal Entry: 5100000437 Posting Date: 11/16/2018
	119 EUR Journal Entry: 5100000438 Posting Date: 11/16/2018

Profit and Loss Accounts — Debit: 108.4 EUR

52560000
Gain Sml Prc Diff IR
1010/3L/2018
Credit: 1.6 EUR

Debit	Credit
	1.6 EUR Journal Entry: 5100000437 Posting Date: 11/16/2018

65009000
Other activity costs
1010/3L/2018
Debit: 110 EUR

Debit	Credit
10 EUR Journal Entry: 5100000437 Posting Date: 11/16/2018	
100 EUR Journal Entry: 5100000438 Posting Date: 11/16/2018	

Display Document Flow

Document Type: All Document Types

*Starting Document: 0000000061

Go

Operational Document Flow | G/L Document Flow

Operational Document Flow

Search 100%

Sales

Standard Order

Document Company Code	61 2910
Sold-To Party	S29100253
Document Date	09/10/2018

Delivery

Delivery

Document	80000055
Shipping Point/Receiving Pt	2910
Document Date	09/10/2018
Delivery Date	09/11/2018

External System

Document in external system

G/L Document Flow

Displayed Dimension: Fiscal Year

Fiscal Year: 2018

Display as T-Accounts

Search 100%

Fiscal Year 2018

G/L Account Document

Source Ledger	0L
Journal Entry	100000054
Fiscal Year	2018
Company Code	2910
Posting Date	09/10/2018
Journal Entry Date	09/10/2018
Document Date	09/10/2018 13:14:15

Goods Issue/Delivery

Source Ledger	0L,2L,3L
Journal Entry	4900000064
Fiscal Year	2018
Company Code	2910
Posting Date	09/10/2018
Journal Entry Date	09/10/2018
Document Date	09/10/2018 13:14:15

G/L Account Document

Source Ledger	2L
Journal Entry	7000000054
Fiscal Year	2018
Company Code	2910
Posting Date	09/10/2018
Journal Entry Date	09/10/2018
Document Date	09/10/2018 13:14:15

G/L Account Document

Source Ledger	3L
Journal Entry	7100000054
Fiscal Year	2018
Company Code	2910
Posting Date	09/10/2018
Journal Entry Date	09/10/2018
Document Date	09/10/2018 13:14:15

SAP S/4HANA Record-to-Report

What's new in S/4HANA Finance 1909

Topic specific video available on YouTube (see resources overview)

R2R
Record-to-Report

Plan & Prepare

Record

- SAP S/4HANA Central Finance:
  - Accounting View on Logistics Information (AVL) New
  - Indirect tax reporting New

Accounting

Financial Accounting

- Accruals management Enhanced
- SAP S/4HANA for goods and invoice receipt reconciliation Enhanced
- Time-dependent Tax New
- T-Account Display New
- SAP Account Reconciliation and Automation by Blackline Enhanced

Close

Financial Close

- SAP S/4HANA Cloud for Advanced Financial Closing Enhanced
- SAP S/4HANA for Group Reporting Enhanced
- SAP Intercompany Financial Hub by Blackline Enhanced
- SAP Intelligent Robotic Process Automation New

Report & Steer

Financial Reporting

- SAP Revenue Accounting and Reporting (IFRS 15)
- SAP S/4HANA Cloud for Contract & Lease Management (IFRS 16)

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R2R Record-to-Report	Plan & Prepare	Accounting	Close	Report & Steer
	Record	Financial Accounting	Financial Close	Financial Reporting
	▪ SAP S/4HANA Central Finance: • Accounting View on Logistics Information (AVL) New • Indirect tax reporting New	▪ Accruals management Enhanced ▪ SAP S/4HANA for goods and invoice receipt reconciliation Enhanced ▪ Time-dependent Tax New ▪ T-Account Display New ▪ SAP Account Reconciliation and Automation by Blackline Enhanced	SAP S/4HANA Cloud for Advanced Financial Closing Enhanced SAP S/4HANA for Group Reporting Enhanced ▪ SAP Intercompany Financial Hub by Blackline Enhanced ▪ SAP Intelligent Robotic Process Automation New	▪ SAP Revenue Accounting and Reporting (IFRS 15) SAP S/4HANA Cloud for Contract & Lease Management (IFRS 16)

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SAP S/4HANA Cloud for Advanced Financial Closing

Plan, monitor and automate accounting and closing processes

Plan regular tasks in Accounting and Closing

Monitor progress, handle exceptions and errors

Increased focus on analysis

Automatically processes regular tasks – focus on exceptions and errors.

Decreases cycle time

Reduces manual interaction and lowers cost

More value-added analysis with same headcounts

Out-of-the-box integration with SAP S/4HANA

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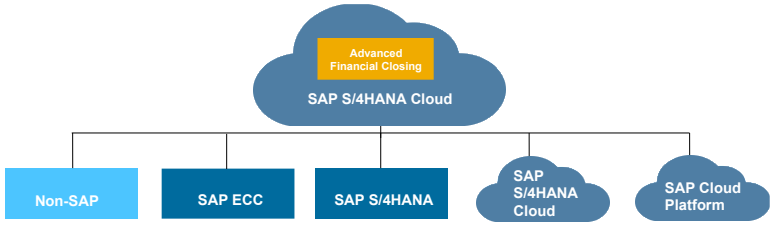
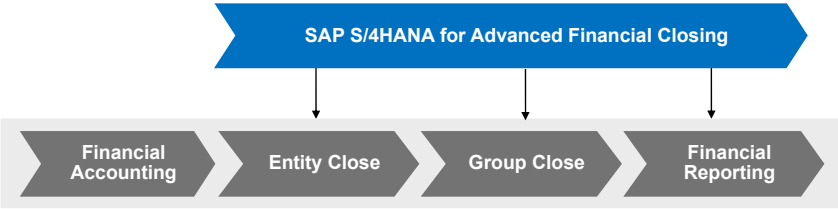
SAP S/4HANA Cloud for Advanced Financial Closing

Key Roadmap topics





Closing Hub Scenario

Enable Connectivity to on premise and Cloud in heterogeneous landscapes

Intelligent Closing

Leverage intelligent technologies to automate and further streamline the closing process

Central steering

Enable Central Management for Entity and Group Close along the entire Record-2-Report process

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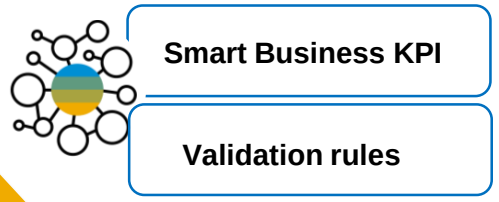
SAP S/4HANA Cloud for Advanced Financial Closing with Smart Business KPIs

Automatically gain insights into business situations

Continuous monitoring
of business processes



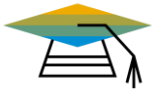
Real-time KPI
Monitoring, Alerting

Example:
Account Balance Validation;
Balance „Zero“ Check

Automatically validate business KPIs

Increase End-user productivity with flexible business KPIs

Reduce manual interactions



Gain knowledge and improve processes

Avoid critical situations and costs

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SAP S/4HANA Cloud for Advanced Financial Closing with Situations Handling

Automate processes and the handling of business situations

Historical Data

Business Context Information

Automatic monitoring of business processes

Pro-actively raise awareness for critical situations

Intelligent solution proposals and automated actions

Continuously learn and improve

Example: Depreciation run fails; automatic follow-up step

Automatic pro-active management of business situations

Increase End-user productivity with notifications

Reduce manual interactions and errors

Gain knowledge and improve processes

Avoid critical situations and costs

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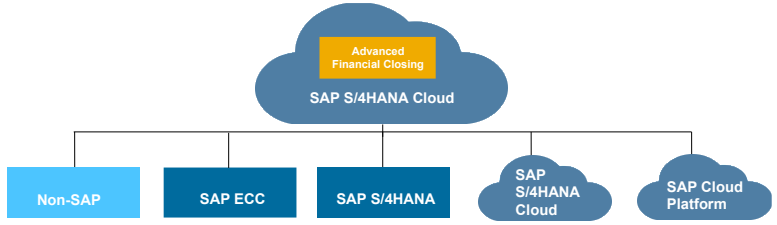
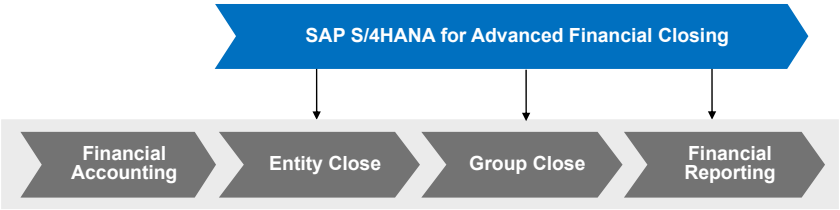
SAP S/4HANA Cloud for Advanced Financial Closing

Key Roadmap topics

Labs Preview





Closing Hub Scenario

Enable Connectivity to on premise and Cloud in heterogeneous landscapes

1911:
connectivity to SAP S/4HANA <1809 + SAP ECC

2002:
3rd party Scheduler integration

2005:
connectivity to BlackLine services

Intelligent Closing

Leverage intelligent technologies to automate and further streamline the closing process

2002:
iRPA Bot Integration
KPI-based Balance Sheet Validation

2005/08/11:
Automated Error Resolution

2102+:
Close Simulation

Central steering

Enable Central Management for Entity and Group Close along the entire Record-2-Report process

2005:
Central Steering of Audit

2008:
Group Reporting Data and Consolidation Monitor enabled by AFC

2102+:
Central Steering for Organizational Changes

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SAP S/4HANA Record-to-Report

What's new in S/4HANA Finance 1909

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	Plan & Prepare	Accounting	Close	Report & Steer
R2R Record-to-Report	Record	Financial Accounting	Financial Close	Financial Reporting
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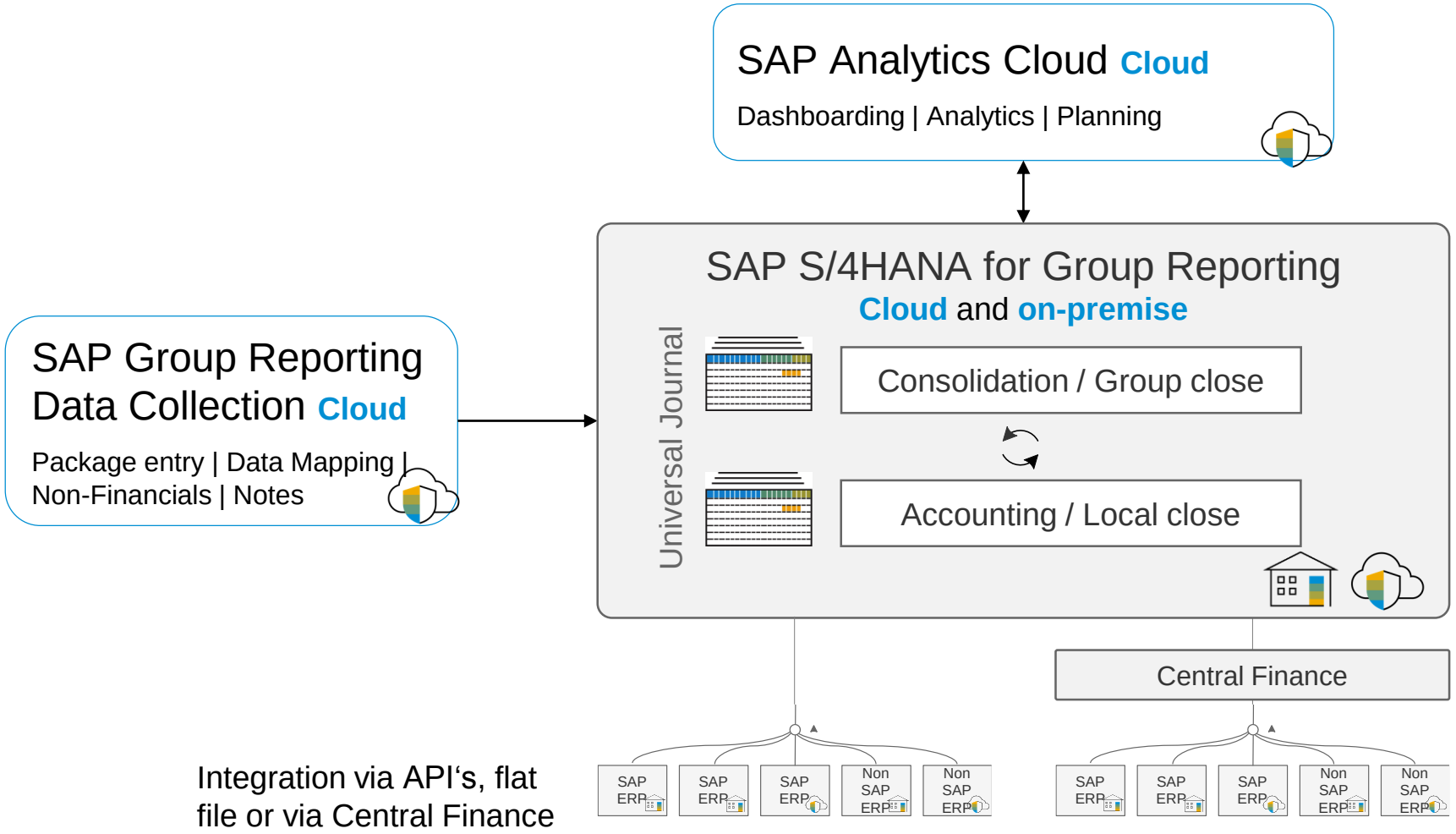
Target architecture

offering a new quality of integration between local and group close



- Ensure data quality
  continuously
- Accelerate your group close process
  immediate access to new data
- Transparency and auditability
  drill-down from consolidated financial statements to any detail

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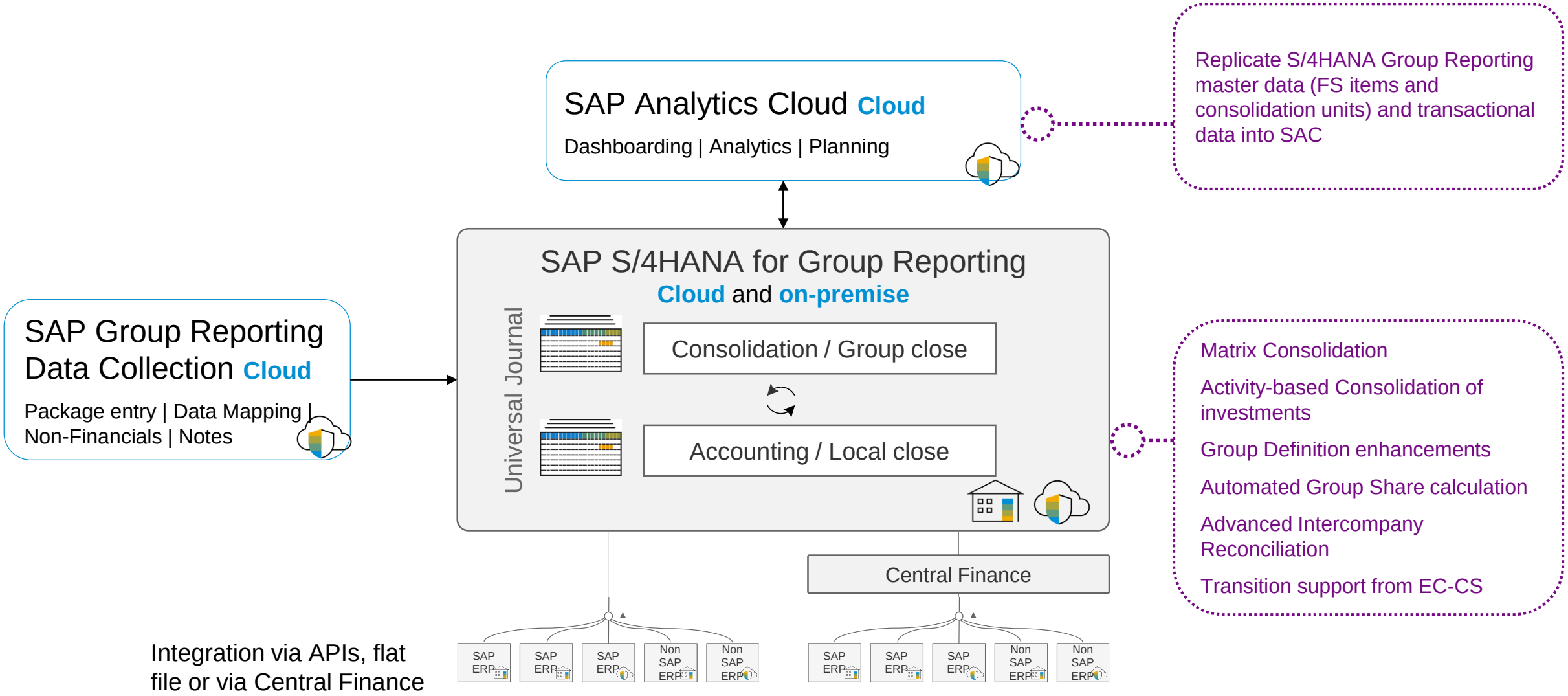
Highlights for SAP S/4HANA for Group Reporting 1909



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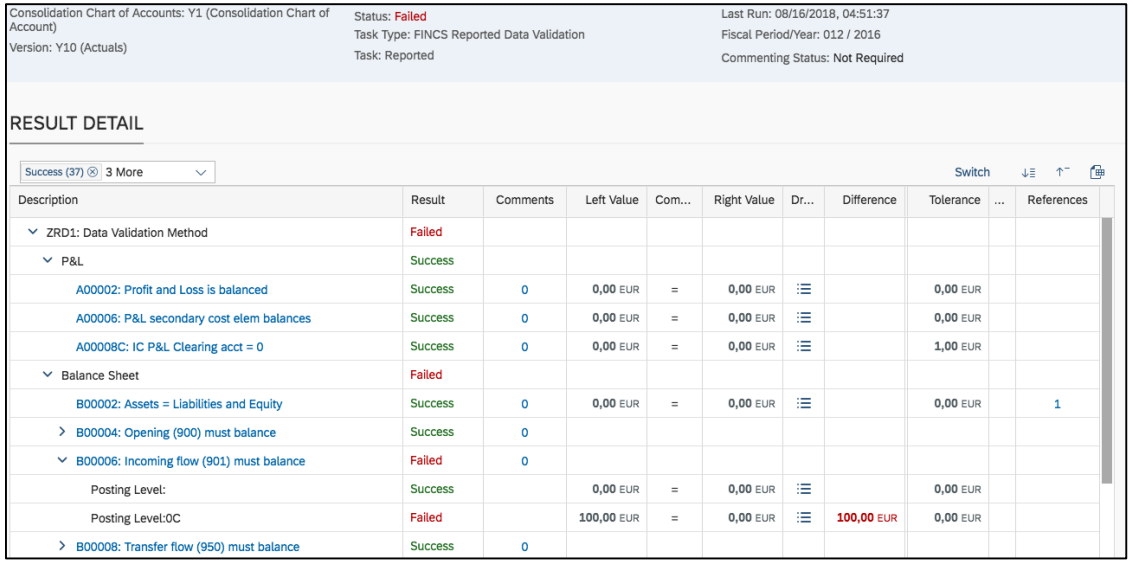
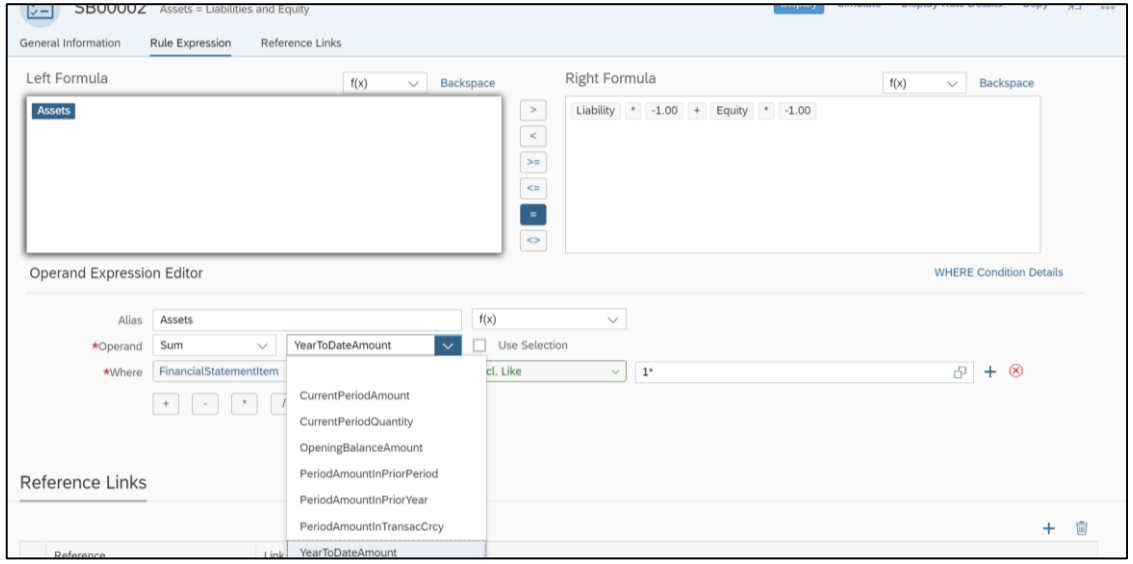
Data Validation using S/4HANA for Group Reporting

(available since 1905 Cloud release)





Get meaningful information on your data quality control results

Link from the log to context information, the rule definition, and the underlying posting data

End-users are in control of the validation rules and data quality requirements

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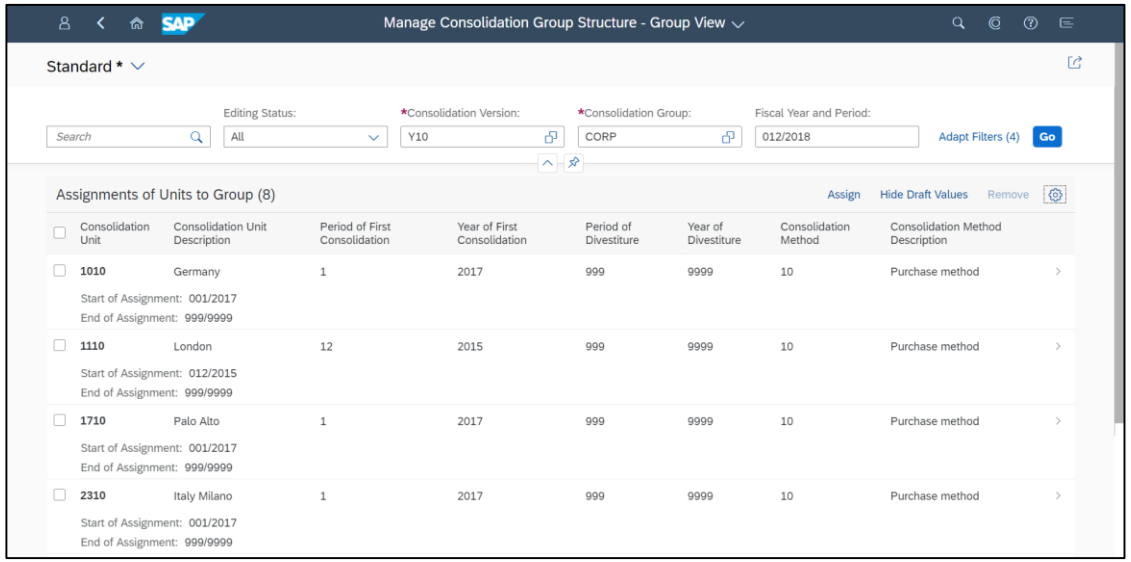
Management consolidation with S/4HANA for Group Reporting

(available since 1905 Cloud release)

FS Item	411100				
FS Item	Sale of goods				
Profit Center Eliminated | Consolidation Unit Eliminated	CU BY REGION (GD)	CU BY REGION (GI	AMERICA	S4004 US West	S4003 US
Lines of Business	-264,661,077 EUR	76,229 EUR	-24,639,345 EUR	-10,887,820 EUR	-13,751,52
Lines of Business Eliminated	49,459 EUR	48,159 EUR			
Food	-264,569,327 EUR	13,600 EUR	-24,613,687 EUR	-10,862,162 EUR	-13,751,52
Food Eliminated	18,300 EUR	13,600 EUR			
PC0001	-43,741,300 EUR		-24,613,687 EUR	-10,862,162 EUR	-13,751,52
PC0002	-220,830,027 EUR				
PC0003	-16,300 EUR				
Beverage	-141,209 EUR	14,470 EUR	-25,659 EUR	-25,659 EUR	
Beverage Eliminated	8,470 EUR	5,970 EUR			
PC0004	-17,300 EUR				
PC0005	-19,900 EUR				
PC0006	-22,650 EUR				
PC0007	-13,000 EUR				
Soda	-76,829 EUR	8,500 EUR	-25,659 EUR	-25,659 EUR	
Soda Eliminated	13,000 EUR	8,500 EUR			
PC0008	-26,670 EUR				
PC0009	-44,659 EUR		-25,659 EUR	-25,659 EUR	
PC0010	-18,500 EUR				



Report consolidated results on any hierarchy level of companies, profit centers, segments

Keep legal group structure and non-controlling interest calculation separate from management hierarchies to align with business needs

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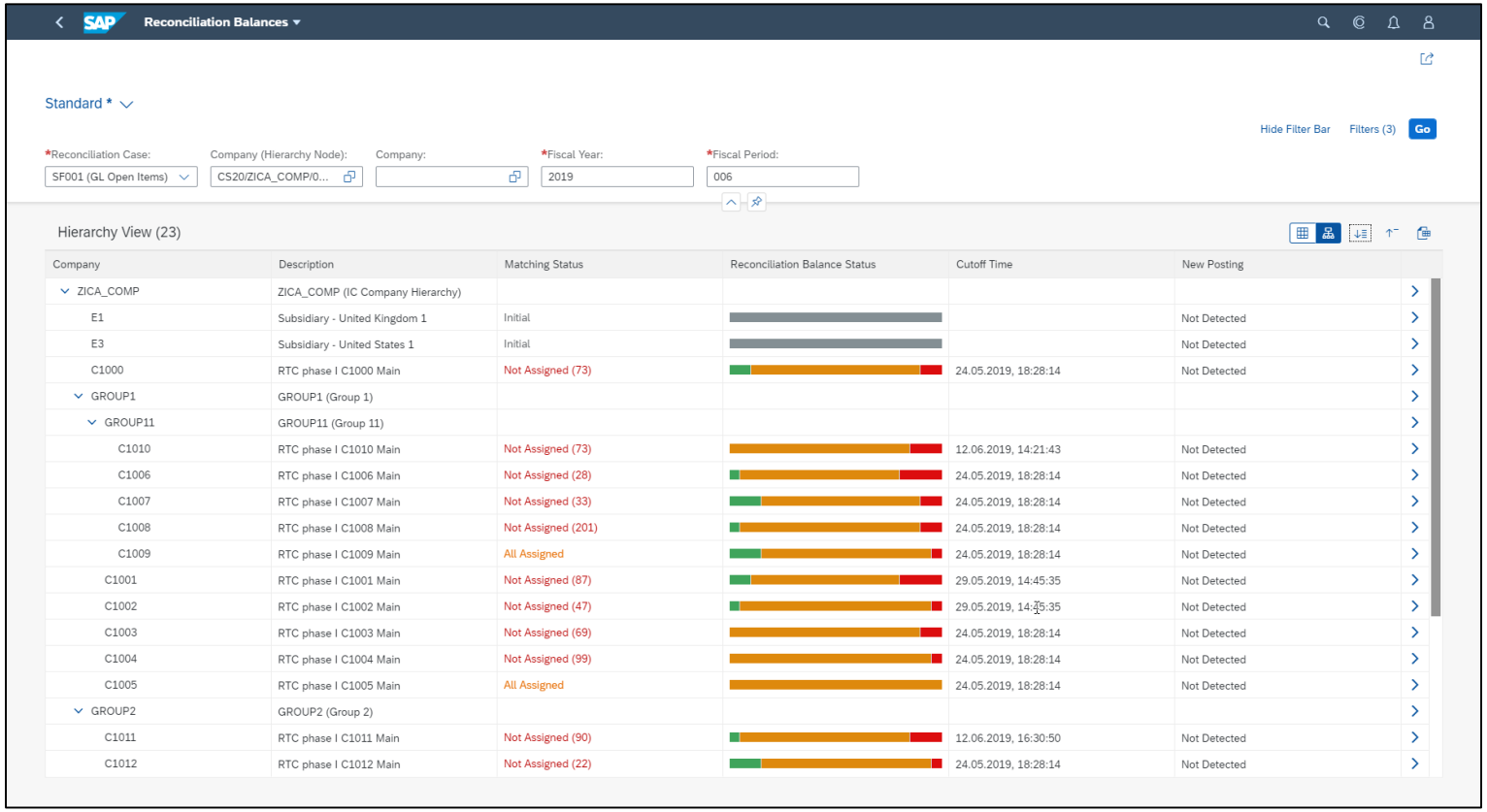
Advanced Intercompany Reconciliation – integrated, automated

1908/1909

- Automated Document Matching
- Reconciliation and Adjustment Posting

Further Roadmap:

- Data Validation
- Integration into Advanced Financial Closing
- Consolidation Elimination posting
- ML-Service for Intelligent Document Matching



Company	Description	Matching Status	Reconciliation Balance Status	Cutoff Time	New Posting
ZICA_COMP	ZICA_COMP (IC Company Hierarchy)				
E1	Subsidiary - United Kingdom 1	Initial			Not Detected
E3	Subsidiary - United States 1	Initial			Not Detected
C1000	RTC phase I C1000 Main	Not Assigned (73)		24.05.2019, 18:28:14	Not Detected
GROUP1	GROUP1 (Group 1)				
GROUP11	GROUP11 (Group 11)				
C1010	RTC phase I C1010 Main	Not Assigned (73)		12.06.2019, 14:21:43	Not Detected
C1006	RTC phase I C1006 Main	Not Assigned (28)		24.05.2019, 18:28:14	Not Detected
C1007	RTC phase I C1007 Main	Not Assigned (33)		24.05.2019, 18:28:14	Not Detected
C1008	RTC phase I C1008 Main	Not Assigned (201)		24.05.2019, 18:28:14	Not Detected
C1009	RTC phase I C1009 Main	All Assigned		24.05.2019, 18:28:14	Not Detected
C1001	RTC phase I C1001 Main	Not Assigned (87)		29.05.2019, 14:45:35	Not Detected
C1002	RTC phase I C1002 Main	Not Assigned (47)		29.05.2019, 14:45:35	Not Detected
C1003	RTC phase I C1003 Main	Not Assigned (69)		24.05.2019, 18:28:14	Not Detected
C1004	RTC phase I C1004 Main	Not Assigned (99)		24.05.2019, 18:28:14	Not Detected
C1005	RTC phase I C1005 Main	All Assigned		24.05.2019, 18:28:14	Not Detected
GROUP2	GROUP2 (Group 2)				
C1011	RTC phase I C1011 Main	Not Assigned (90)		12.06.2019, 16:30:50	Not Detected
C1012	RTC phase I C1012 Main	Not Assigned (22)		24.05.2019, 18:28:14	Not Detected

Display Reconciliation Status

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Two methods for consolidation of investment

(Available with 1908)

Rule-based

- 1705 and beyond
- Based on reclassification rules
- Supported: first consolidation, subsequent consolidation, capital increase (no group share change), total divestiture...
- Trigger: combination of FS items / Sub item, Group structure
- Posting logic defined by rules
- Configuration using FS item attributes (selection, role, target)

Activity-based

- 1908 and beyond
- Based on built-in logic
- Supported: first consolidation, subsequent consolidation, capital increase, partial and total divestiture, equity method
- Trigger: FS items, Additional control data (Activity type, Activity number...), Group structure
- Posting logic hard coded
- Configuration using FS item attributes (selection, role, target)

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SAP Analytics Cloud (SAC) Content for Finance (examples)

Files / SAP__FI_CS_ACT_CONSOLIDATED_RPT_BOOK_ALL

File | Tools | Data | Display | Controls

onsolidated BS | Consolidated P&L | Consolidated CF | P&L by Function | Changes in Equity | Comprehensive Income

SAP® Analytics Cloud content

Consolidated Balance Sheet Statement

Group: Best Run COA: Consolidation Chart of Account Year/Period: Cal. Year, 4 Special Periods 2018/1, 2, 3, 4, 5, 6, 7, 8, 9, 10 (and 2 more)

in EUR | 1 Filter | 5

	Opening	Closing
Balance Sheet	0.00	0.00
Assets	1,100,720,657.16	2,681,334,950.70
Current assets	885,584,686.44	2,439,939,853.78
Current assets oth.than incl.in disposal	885,560,686.44	2,439,915,853.78
Cash and cash equivalents	539,044,160.52	2,505,430,249.07
Trade and other current receivables	454,766,347.68	326,246,202.83
Current tax assets		241,800.00
Other current assets	721,292.28	-1,407,889.57
Inventories	-111,294,530.16	-391,899,587.56
Other current financial assets	2,323,416.12	1,305,079.01
NC assets or disp. groups classified HFS	24,000.00	24,000.00
Non Current assets	215,135,970.72	241,395,096.92
Property, plant and equipment	102,594,580.32	93,218,447.96
Investment property	7,108,920.00	8,138,294.31
Intangible assets	81,509,003.28	70,233,658.86
Other non-current financial assets	-728,880.00	17,506,748.17
Non-current receivables	24,652,347.12	36,619,947.62
Deferred tax assets		15,678,000.00
Liabilities & Equity	-1,100,720,657.16	-2,681,334,950.70
Total equity	-751,836,574.80	-1,893,690,459.22
Equity attributable to owners of parent	-611,638,969.20	-1,697,158,027.40
Issued capital	-14,100,000.00	-17,923,000.00
Share premium	-2,358,000.00	-14,058,000.00
Treasury shares	1,740,000.00	3,690,000.00
Other reserves	-35,432,718.00	9,799,789.05
Retained earnings	-561,488,251.20	-1,678,666,816.45
Non-controlling interests	-140,197,605.60	-196,532,431.82
Liabilities	-348,884,082.36	-787,644,491.48
Current liabilities	-215,653,770.36	-372,531,585.00
Current liab.oth.than incl.in disposal g	-215,641,770.36	-372,519,585.00

SAP__FI_CS_ACT_CONSOLIDATED_RPT_BOOK_ALL

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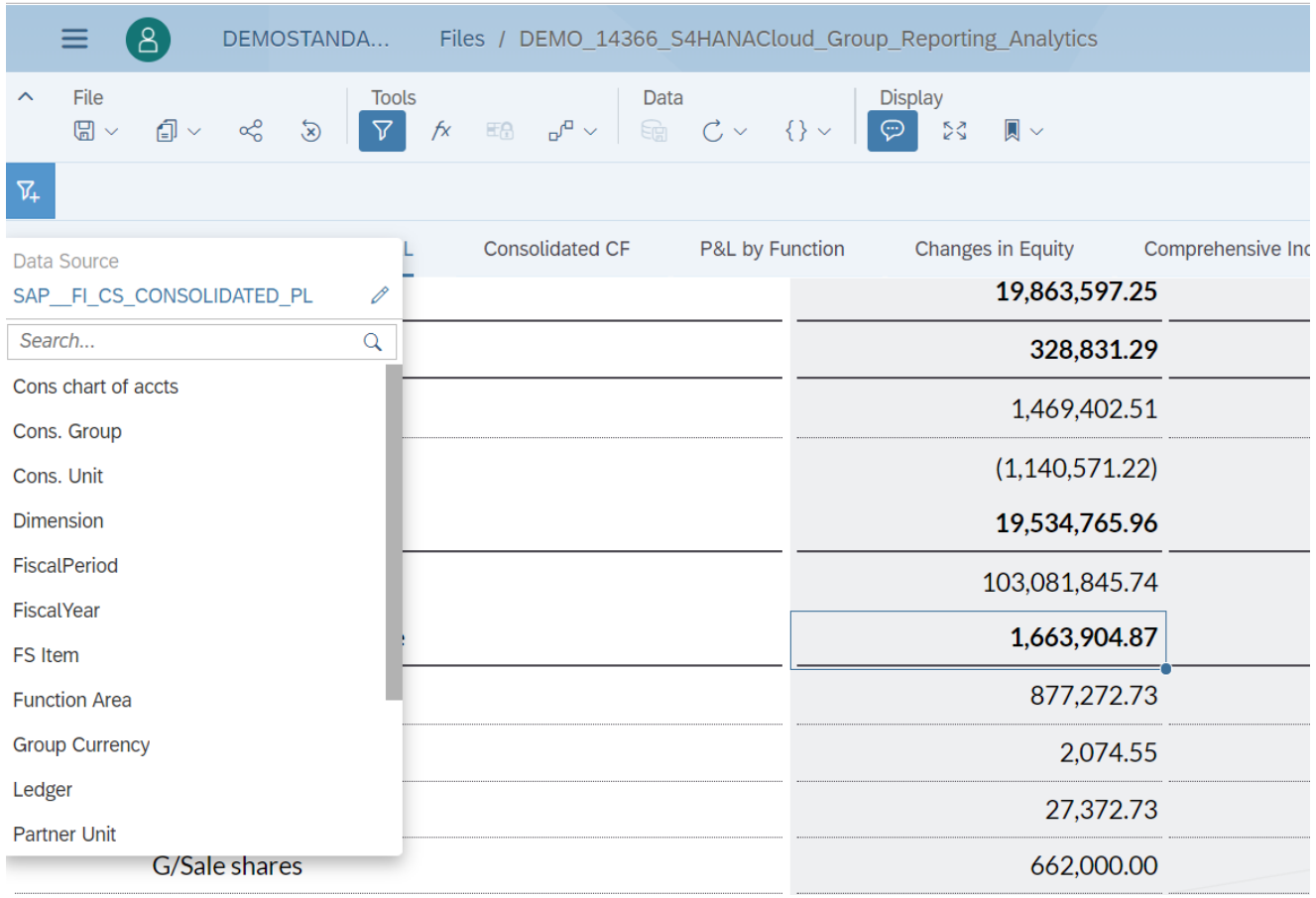
Extensible dimensionality in Group Reporting

Planned for 2002

SAP Labs preview

Provide more flexibility in the Group Reporting data model allowing customers to add new fields to transactional data



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Cloud Adoption scenario for on-premise customers with Group Reporting and Advanced Financial Closing

Scenario 1: Cloud-Customer

SAP S/4HANA Cloud

SAP S/4HANA Cloud for Group Reporting

SAP S/4HANA Cloud for Advanced Financial Closing

Scenario 2: OP-Customer

SAP S/4HANA Cloud

SAP S/4HANA Cloud for Group Reporting

SAP S/4HANA Cloud for Advanced Financial Closing

- SAP S/4HANA
- SAP ECC
- Non-SAP
- …

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Close

Financial Close

SAP S/4HANA Cloud for Advanced Financial Closing Enhanced

SAP S/4HANA for Group Reporting Enhanced

- SAP Intercompany Financial Hub by Blackline Enhanced
- SAP Intelligent Robotic Process Automation New

Report & Steer

Financial Reporting

- SAP Revenue Accounting and Reporting (IFRS 15)

SAP S/4HANA Cloud for Contract & Lease Management (IFRS 16)

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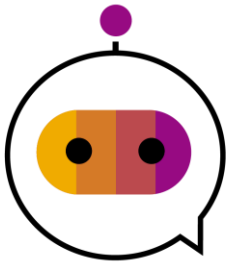
RPA solutions automate repetitive tasks traditionally performed by humans without modifying the business systems

Upload data through various connectors e.g. excel, pdf, external apps, websites, 3rd party apps and enter in a finance system

Log in to 15 SAP instances, collect Purchase Requisitions and distribute to SSC teams



TYPICAL RPA ACTIVITIES

Download various reports, collate and save in shared drive

Check ticket inbox in a Shared Service Center and route to bots

Search invoices by reference number in various ERP instances

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How can an RPA solution generate Business Value?

Improve operations

to mobilize resources for high-value tasks at lower costs

Increase service quality

to reduce cycle times for revenue generating transactions

Increase compliance

and analysis capabilities (through e.g. well-documented audit trails)

Reduce human errors

and gain speed and efficiency

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Make Automation intelligent to Scale

Standard RPA

- Bots use UIs just like humans
- Remove manual steps to drive efficiency

→ Opens further complexity

- What happens when a UI changes?
- … or a system is upgraded?

Add Intelligence

- SAP simplifies implementation by using **native APIs** that are **robust** and **stable**
- Interactions are natural with **Conversational AI**
- Automations become intelligent with **Machine Learning** capabilities

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What does SAP Intelligent RPA consist of?

Design Environment

Flexibly design robot workflows

- Automation methods:
  1. API interfaces
  2. OCR/NLP
  3. Screen scraping
  4. Computer Vision
- Connectors for third-party apps, legacy systems, etc.

Central Repository

Store atomic steps for full workflow

- Multi-tenancy
- Bot version control
- Marketplace for third-party bots

Runtime Environment

Run bot scripts across deployments

- Scaling/load balancing
- Public cloud deployment-orchestrating desktop and cloud runtime
- Workflow management
- Bot scheduler & time zone manager

Monitoring Tool

Monitor robot performance

- UX, mobile access
- Audit trails
- Logging & Monitoring Cockpit

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SAP Intelligent Robotic Process Automation (iRPA)

Unified cloud solution including on-premise automation tools

SAP S/4HANA®
SAP S/4HANA® Cloud
SAP C/4HANA
SAP SuccessFactors
SAP Ariba
SAP Concur
SAP Fieldglass

SAP Leonardo Intelligent Technologies

Capture the process flow

Assemble skills to bots

Mimic the user and repeat

Check health and expedite

- ✓ Third-party tools
- ✓ Non-SAP systems
- ✓ Legacy applications
- ✓ Web applications
- ✓ Internet portals

SAP® Cloud Platform

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SAP Intelligent Robotic Process Automation Studio

Home | My Items | Browse | Monitor | Config

Bots | Skills

19 skills | Modification date | + New skill

Stop ChatBot Stop ChatBot	Updated today
ChatBot Failure Notification ChatBot Failure Notification	Updated today
ChatBot Success Notification Let the user know the success of PO creation	Updated today
Order new Equipment Order new Equipment	Updated today
Lookup Material Number Check if equipment number is in stock	Updated today
Extract Equipment number Extract Equipment number	Updated today
Read Text from Image Extract text from image via OCR service	Updated today
Get Image from ChatBot Get uploaded image	Updated today
Start ChatBot Conversation with ChatBot to re-order an equipment	Updated today
Demo PO Demo PO	Updated 6 days ago
PO Recording	

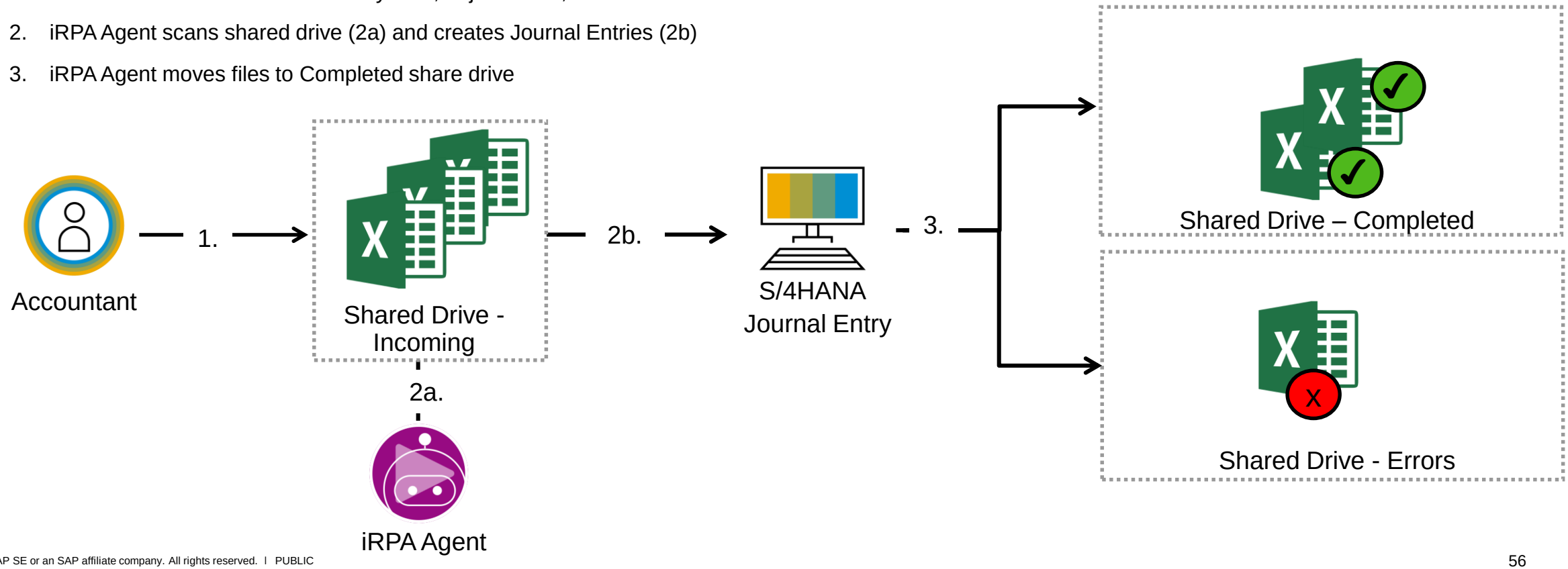
Upload postings with iRPA

Labs Preview

During the close, many manual postings are done. Today, the accountant manually enters data from an Excel file into the SAP system. In the future, the iRPA Agent can process the information.

Steps

1. User receives data from external system, adjusts data, and stores Excel files into shared drive
2. iRPA Agent scans shared drive (2a) and creates Journal Entries (2b)
3. iRPA Agent moves files to Completed share drive



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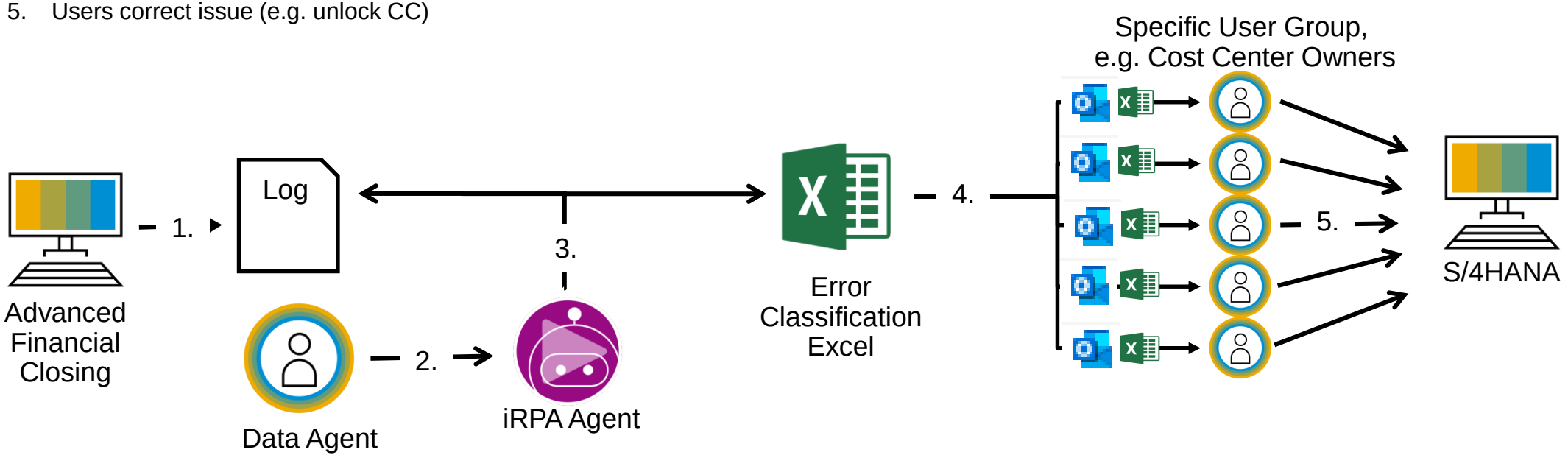
Trigger error resolution with iRPA

Labs Preview

Scheduled automated closing jobs may result in an error (e.g. depreciation run with errors due to a cost center closed for primary costs). In this attended scenario, the user triggers a bot to collect and classify errors, and distribute resolution to relevant owners.

Steps

1. AFC executes automated job and updates application log / spool (e.g. depreciation run error due to CC closed for primary costs)
2. User receives notification and triggers iRPA Agent
3. iRPA Agent collects errors and classifies them according to error type, owner, and proposed next step
4. iRPA Agent sends resolution to user group (e.g. mails an Excel to cost center owners prompting them to unlock the CCs)
5. Users correct issue (e.g. unlock CC)



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What is planned for SAP's Intelligent RPA solution?

Subject to change

Release 2 – Q3 2019*

- Enhance bot building process through unified bot building tools
- Integrate with SAP Cloud Platform Workflow
- Store capabilities for content delivery and collaborative bot building
- Integration accelerators for consuming Conversational AI and Machine Learning services
- Build further bot templates and APIs for S/4-based processes
- Identify SuccessFactors automation scenarios for HR use cases

Release 3 – Q4 2019*

- Expand bot creation and runtime environment to deepen integration with SAP LoB products
- Possibility to execute bot only in cloud
- Introduce marketplace for out-of-the-box industry best practices
- Handle unstructured data for end-to-end automation
- Identify pre-built bot content for wider SAP portfolio

Release 4 – Q1 2020*

- Provide further recording and integration capabilities to cover entire SAP technology portfolio
- Conduct PoC for Process Mining/Process Visibility
- Improve bot stability using Computer Vision
- Integrate SAP Open Connectors for cloud only execution
- Marketplace for partner bot content
- Integration with SAP Analytics Cloud product family

Release 5 – Q2 2020*

- Computer aided bot creation leveraging process mining insights
- AI based skill recommender to fasten selection of re-usable content out of market place for bot creation
- Introduce machine learning-based bots for exception handling
- Intelligent assistant for bot healing to lower maintenance efforts

*This is the current state of planning and may be changed by SAP at any time without notice

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SAP S/4HANA Financial Planning & Analysis

Pro-active business steering supporting growth and new business models

	Plan & Prepare	Accounting	Close	Report & Steer
FP&A Financial Planning & Analysis	Plan & Predict	Management Accounting	Margin Analysis	Simulate & Optimize
R2R Record-to-Report	Record	Financial Accounting	Financial Close	Financial Reporting

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SAP S/4HANA Financial Planning & Analysis

What's new in S/4HANA Finance 1909

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Plan & Prepare

Plan & Predict

- Financial planning content, integrated with SAP Analytics Cloud for Planning Enhanced
- Predictive accounting Enhanced

Accounting

Management Accounting

- Universal Allocation New
- Where used list New
- Real Spend Enhanced

Close

Margin Analysis

- Margin Analysis Enhanced
- Financial Statement Insights Enhanced

Report & Steer

Simulate & Optimize

- SAP Analytics Cloud and embedded reporting Integrated
- Customer Profitability Analytics New

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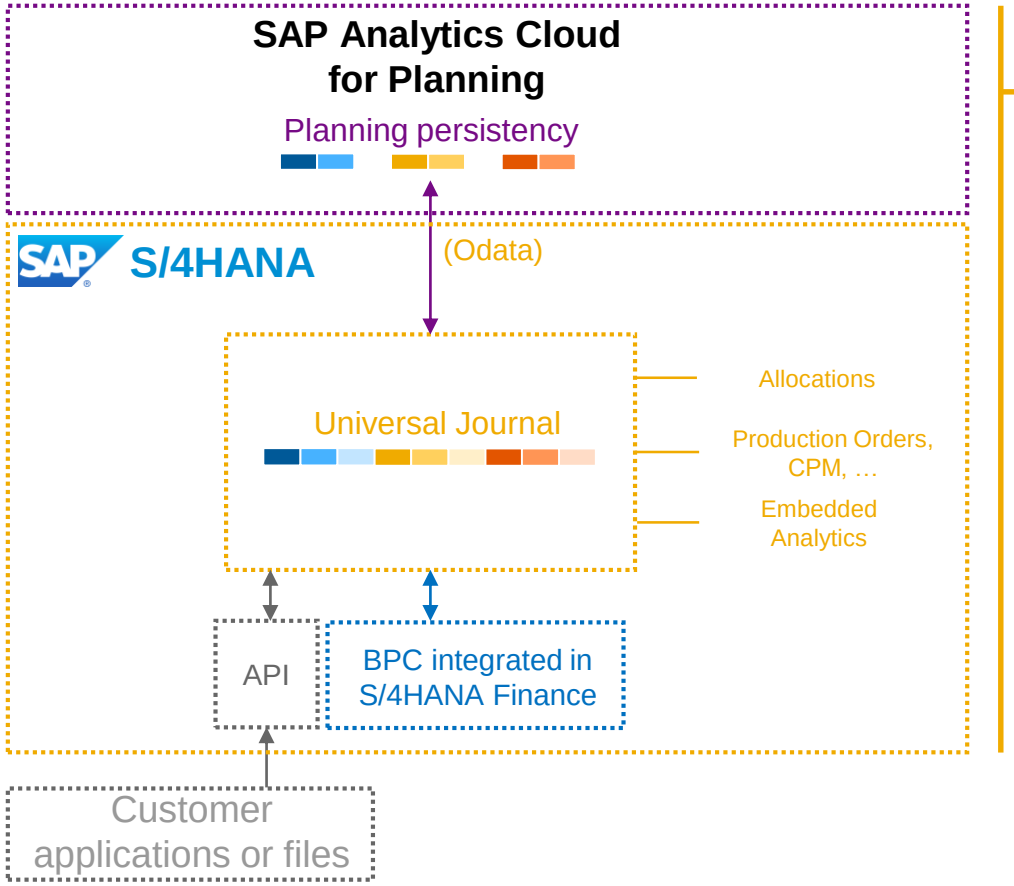
Plan & Predict in SAP S/4HANA and SAP Analytics Cloud

Architecture overview (since 1808/1809)



- Real-time transactional data access
- Immediate update of plans and forecasts
- Full integration of different planning models
- Planning at any level of detail and aggregation on the fly
- Embedded predictive algorithms and simulation capabilities

Flexible modeling and simulation

End-user and process driven

Enabling closed-loop performance management

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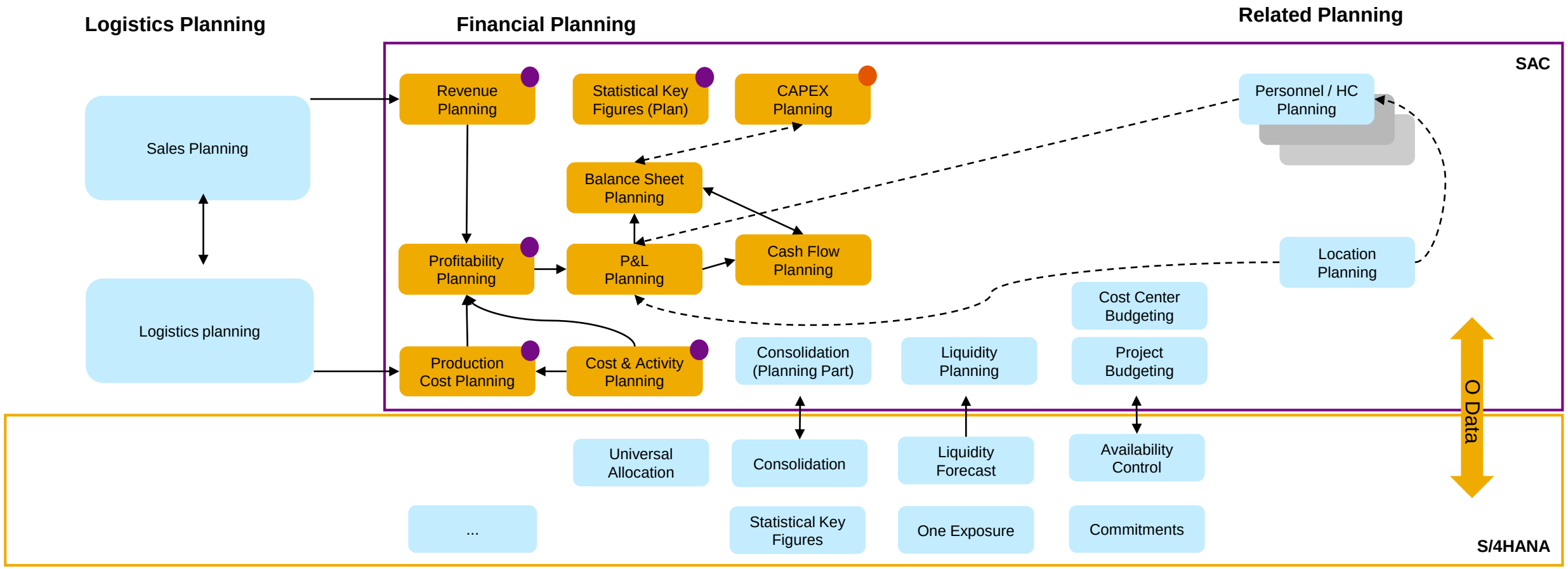
Driver based planning enabled by SAP S/4HANA and SAC

A simplified business process view (focus on financial planning content)



Financial Planning content

Planned for 2019

Later

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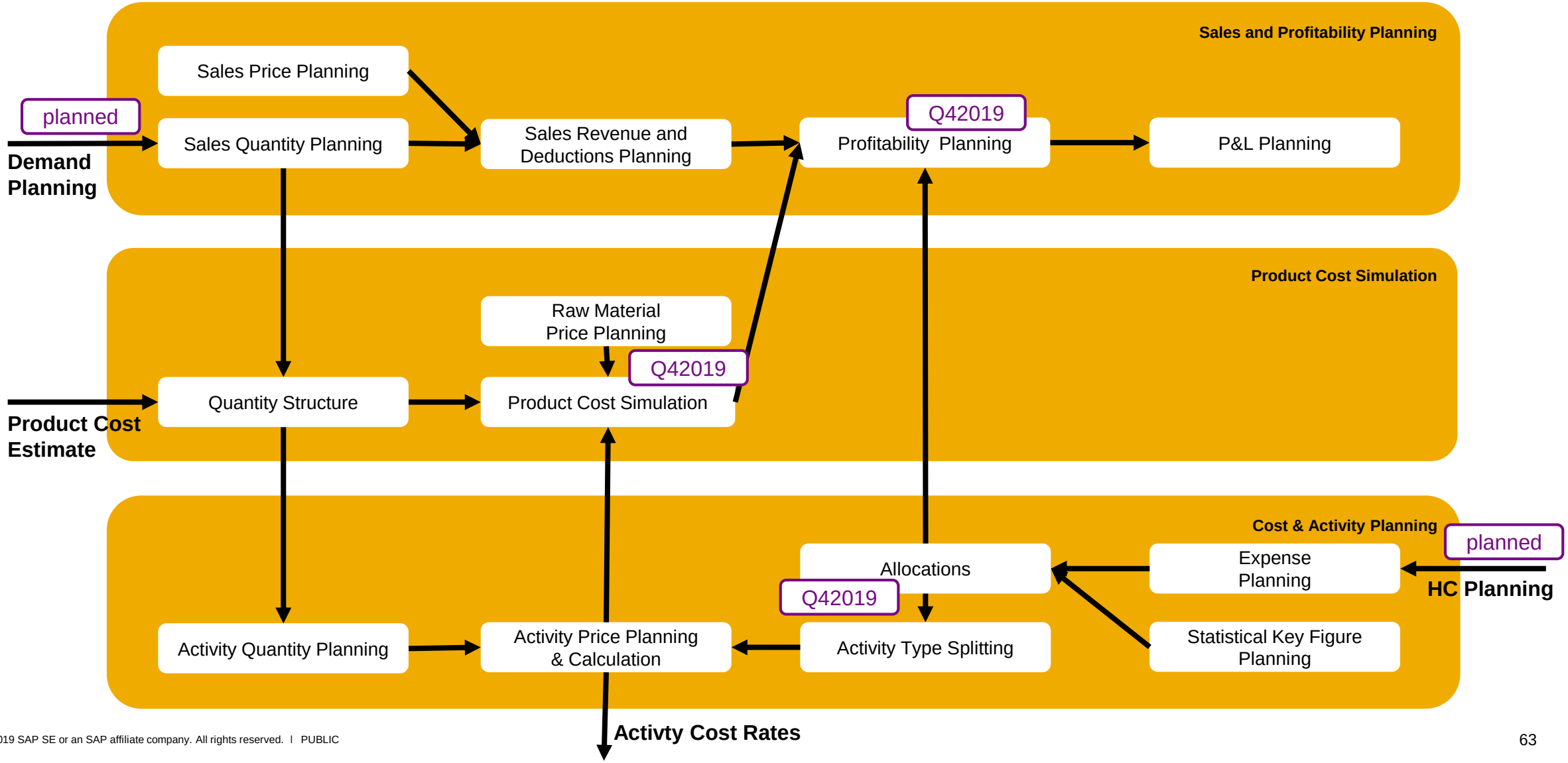
SAC Financial Planning Content for S/4HANA

(available with S/4HANA 1909 + planned)



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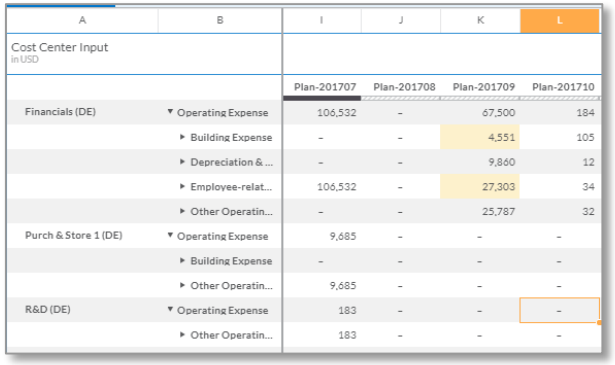
SAP Financial Planning & Analysis for S/4HANA Cloud

Planning



Cost Center Input
in USD

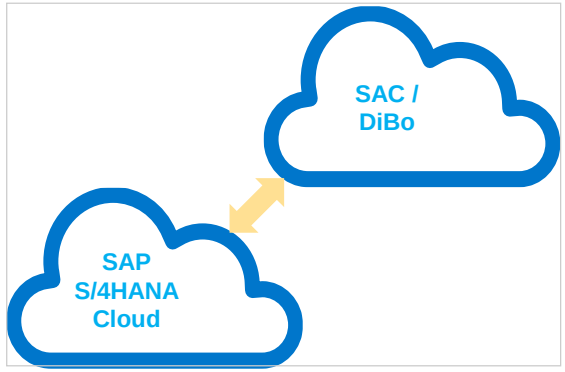
		Plan-201707	Plan-201708	Plan-201709	Plan-201710
Financials (DE)	Operating Expense	106,532	-	67,500	184
	Building Expense	-	-	4,551	105
	Depreciation & ...	-	-	9,860	12
	Employee-relat...	106,532	-	27,303	34
	Other Operatin...	-	-	25,787	32
Purch & Store 1 (DE)	Operating Expense	9,685	-	-	-
	Building Expense	-	-	-	-
	Other Operatin...	9,685	-	-	-
R&D (DE)	Operating Expense	183	-	-	-
	Other Operatin...	183	-	-	-

- Pre-built financial planning model tied to S/4HANA Cloud
- Accelerators include: planning input templates, Actual v Plan reports, best practice allocations, and planning process flow

Analysis

- Pre-built set of analytical dashboards, key performance indicators, and reports
- Accelerators include: Digital Boardroom scenario, Trend reports, Year-over-Year reports, option to leverage real-time data and KPI's

Integration



- Best Practices to integrate financial results from S/4HANA Cloud into SAP Analytics Cloud, plus retract Plan data back into S/4HANA Cloud
- Accelerators include integration content & best practice integration methodologies

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SAC Financial Planning Content Example

Highlights Cost Center Expense Budgeting & Activity Planning

Cost Center Planning

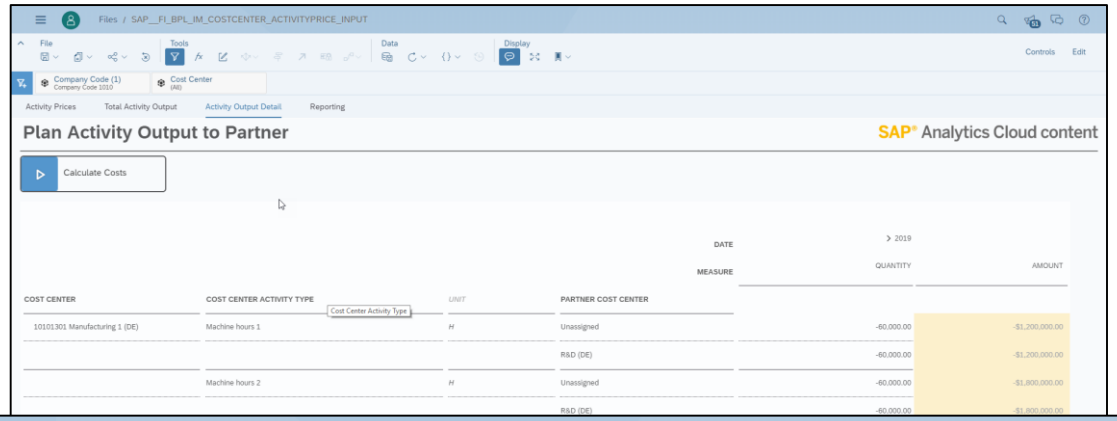
- Facilitates the complete cost center planning process including capturing of expenses, allocations, activity quantity planning and activity price calculation
- Supports the planning administrator with powerful functions to prepopulate the planning screens based on past actual data

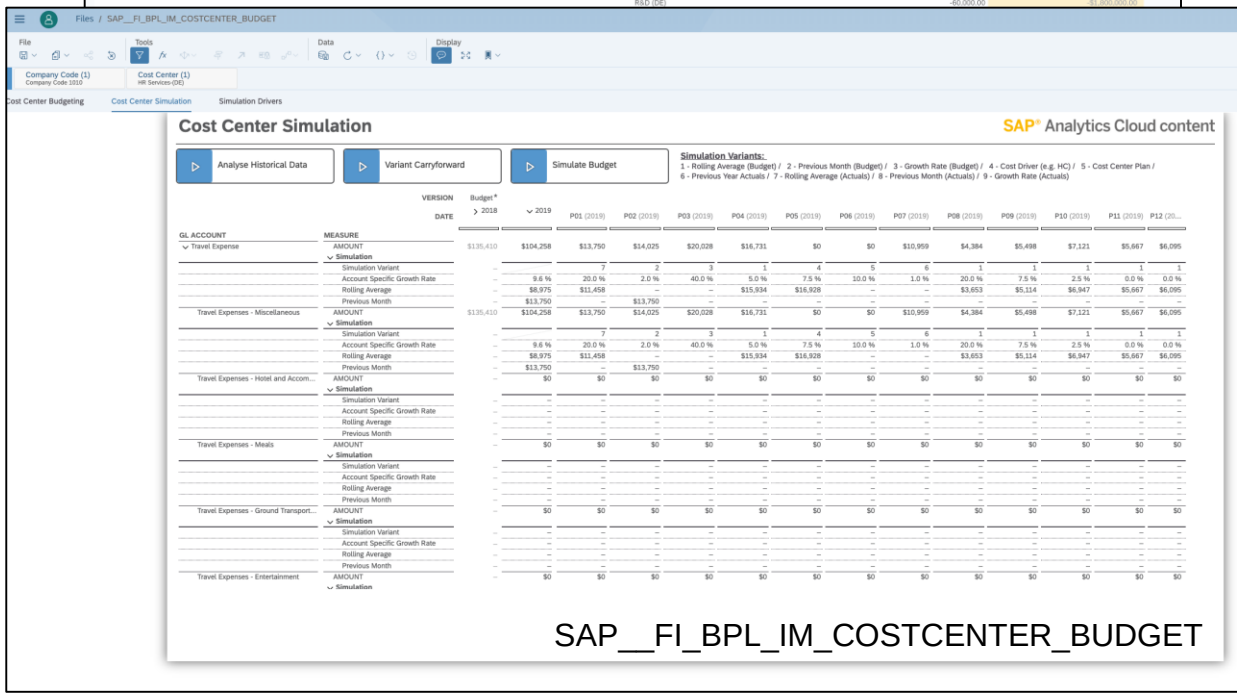
Cost Center Budgeting

- Facilitates the Cost Center Budgeting process including capturing expenses and applying functions that support budget simulation using historical or driver factors
- Integrated with availability control functionality and budget consistency checks in SAP S/4HANA

Data Connectivity

- Based on the S/4HANA data model and fully integrated
- Master data and transaction data from S/4HANA can be loaded and planning results can be written back. Integration is part of the content delivery





SAP__FI_BPL_IM_COSTCENTER_BUDGET

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SAP S/4HANA Financial Planning & Analysis

What's new in S/4HANA Finance 1909

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Accounting

Management Accounting

- Universal Allocation New
- Where used list New
- Real Spend Enhanced

Close

Margin Analysis

- Margin Analysis Enhanced
- Financial Statement Insights Enhanced

Report & Steer

Simulate & Optimize

- SAP Analytics Cloud and embedded reporting Integrated
- Customer Profitability Analytics New

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SAP Predictive Accounting

Automatically extend the reach of Accounting

Sales Order Entry

Automatically create the predicted follow-on documents

Predicted Goods Issue and Predicted Invoice incorporate all detailed information

Automatically derive the respective Accounting and Controlling documents

Predicted Revenue Recognition and Predicted Cost of Goods Sold show value flow

Forecasted Margin Analysis: anytime - automatically

Automate bottom-up Forecasting into future Revenues, Costs and Liquidity

Improve Business Steering – securely look into the future

Reduce Efforts for forecasting

Consistently steer actuals and forecast in one analysis environment

Prediction at your fingertips

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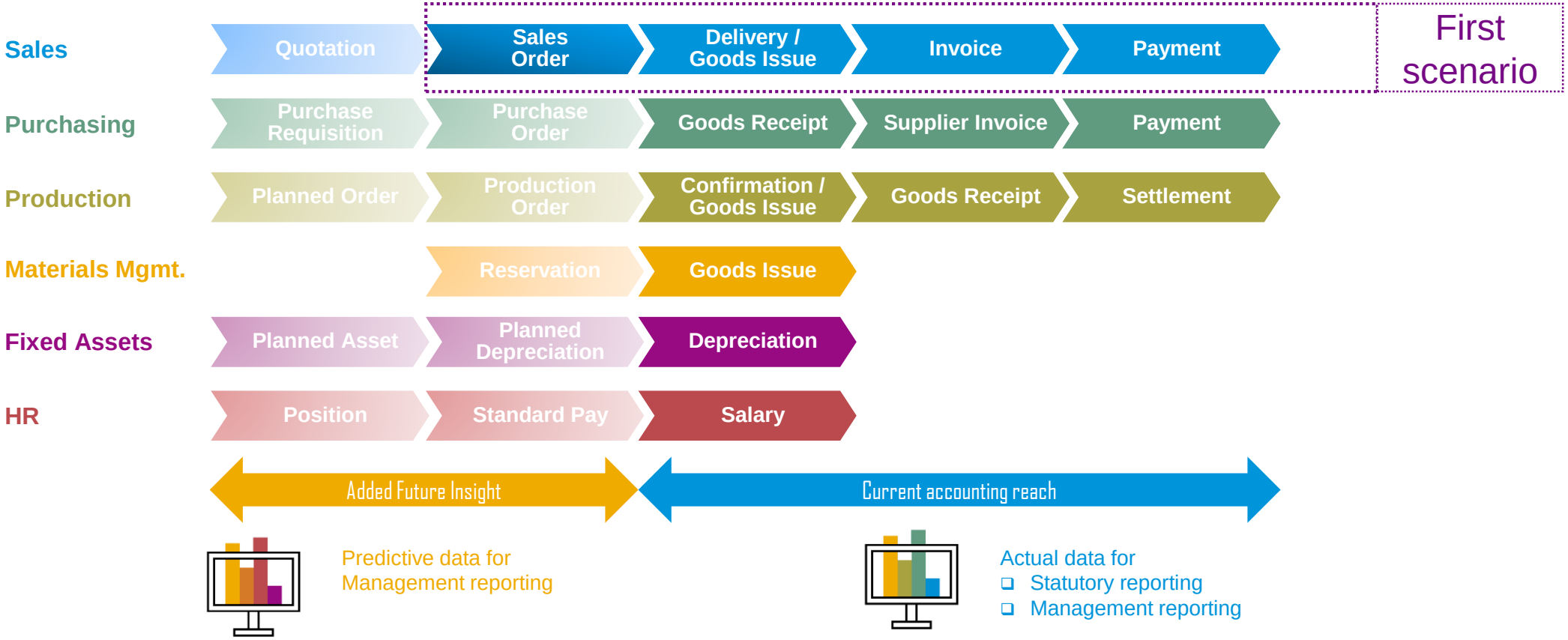
S/4HANA Predictive Accounting

Extending the reach of Accounting with predictive insights based on reflection of early logistical processes



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Process harmonization driven by the Universal Journal

Vision of Universal Allocation

GL	CCA	PCA	COPA	JVA
24 Transactions	**24** Transactions	**24** Transactions	**24** Transactions	**24** Transactions

Universal Allocation

3

Applications

- Manage
- Run
- Flows (Traceability)

Planned with 1908/1909:

- Cost center allocation actual/plan
- Profit Center allocation actual/plan
- GL allocation actual/plan

Planned with 1911:

- Top-down distribution

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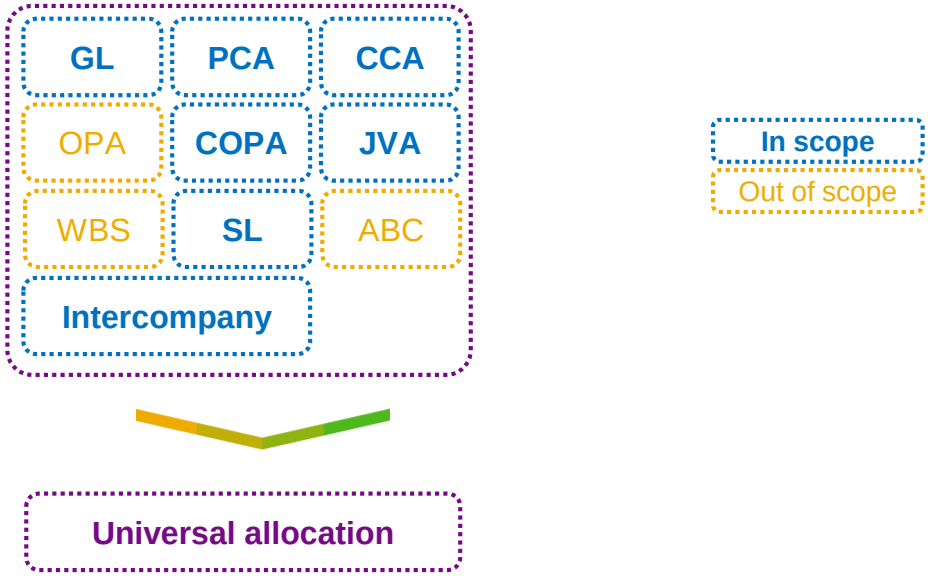
Our Vision of Universal Allocation

Simplify Allocations by combining various capabilities under ONE umbrella

Universal Allocation…

- provides one architecture for financial accounting and management accounting allocations
- combines actual and plan
- provides simulation capabilities.
- includes actual and predictive data (ledgers)
- presents data in a common structure
- provides all required reporting currencies
- shows currency breakdown
- can be enhanced / extended
- provides traceability of the value flow
- simplifies the process with guided procedures and validations



Universal Allocation will not initially cover…

- activity allocations.
- settlements, e.g. of IO and WBS elements.

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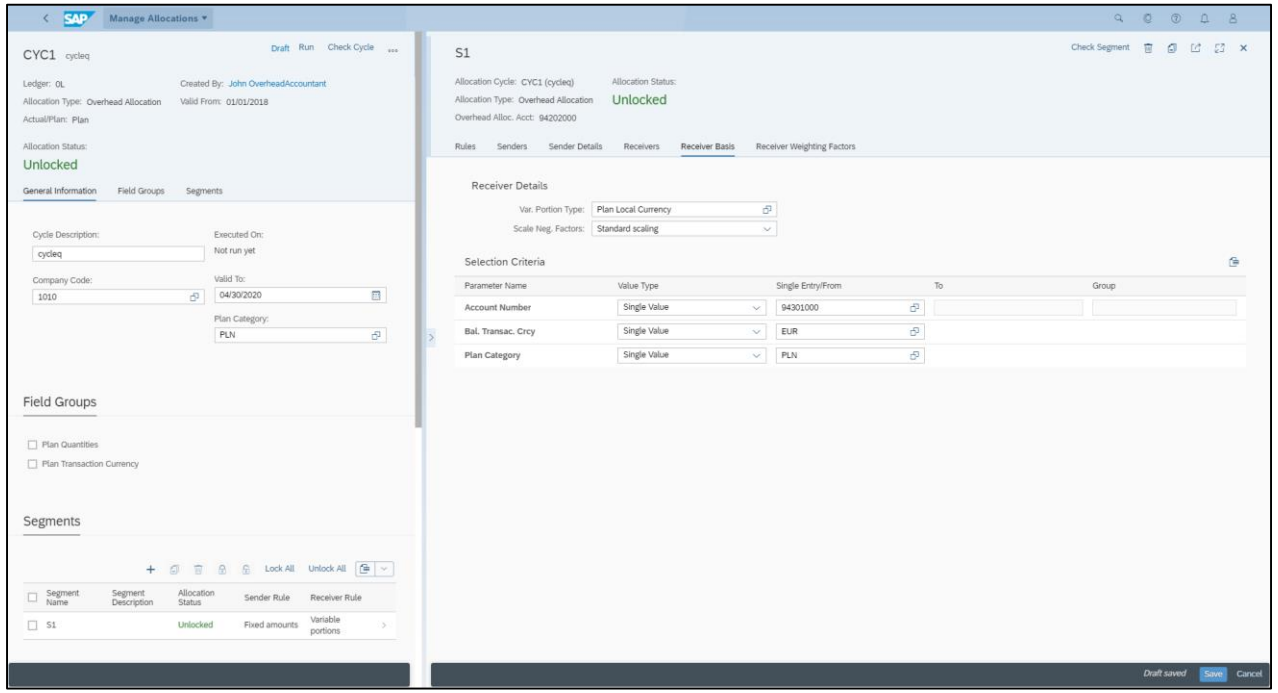
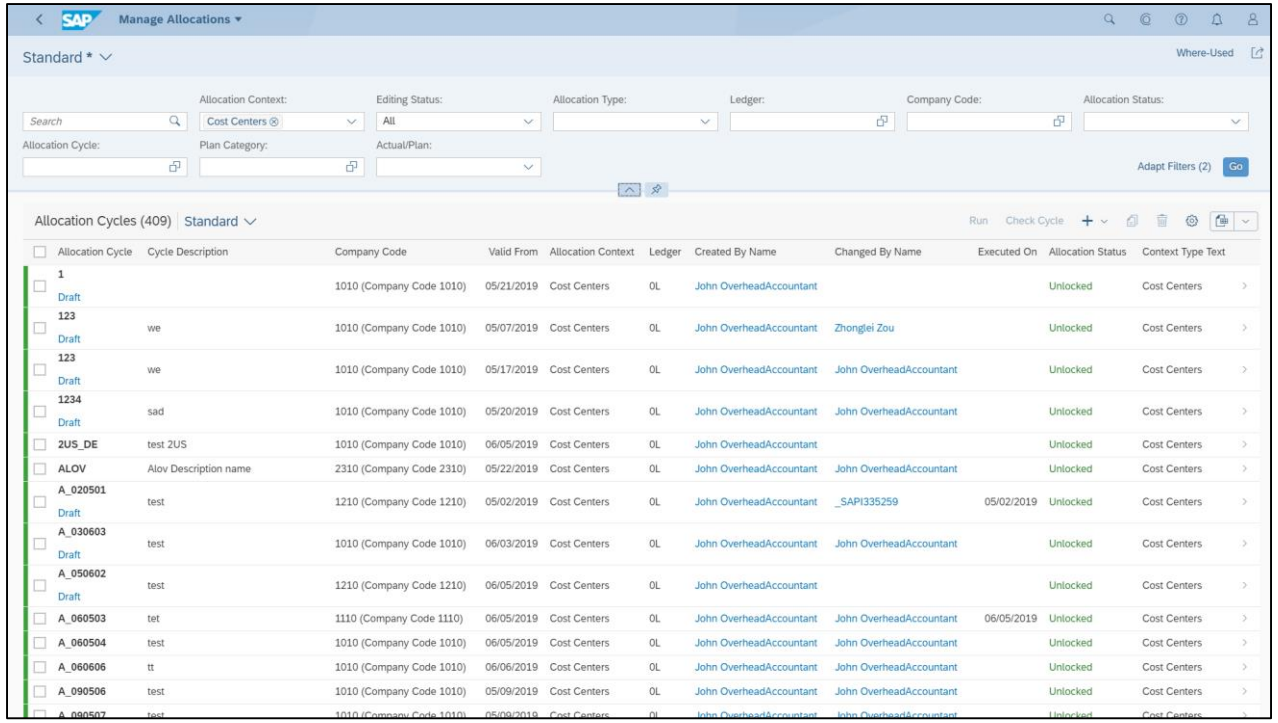
Manage Allocations

- **Single point for creation & maintaining** allocation cycles and segments
- At the moment **contexts** of cost center & profit center allocations
- Manages **actual and plan** allocations / distribution & overhead allocation (assessment)
- Cycles are defined with respect to a **ledger and a single company code**
- Custom fields are not yet fully supported (only inherited from sender to receiver).





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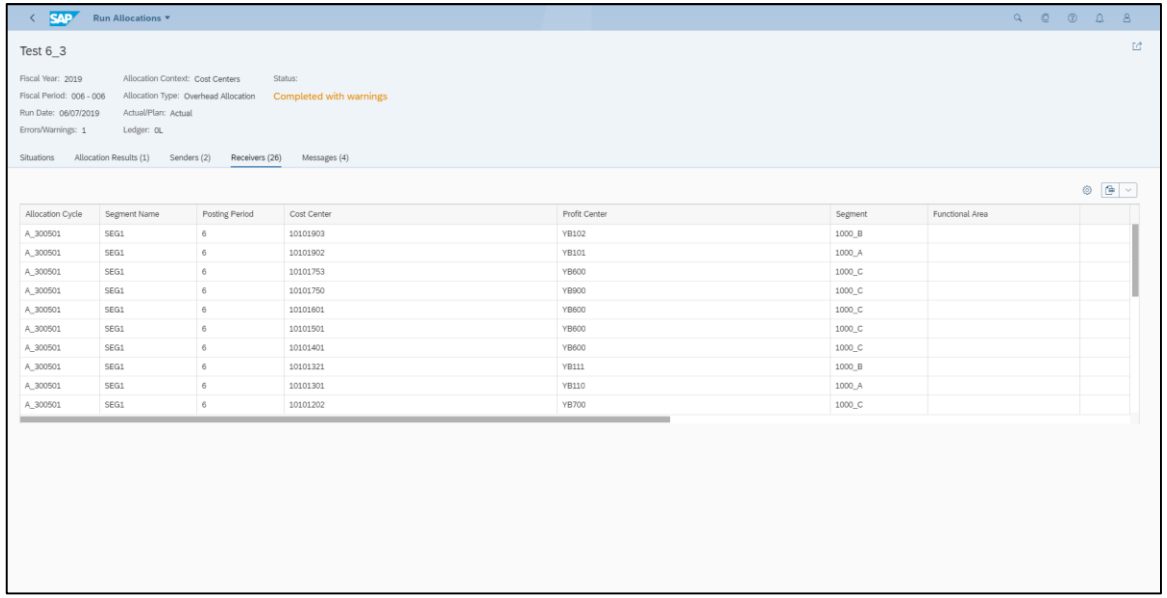
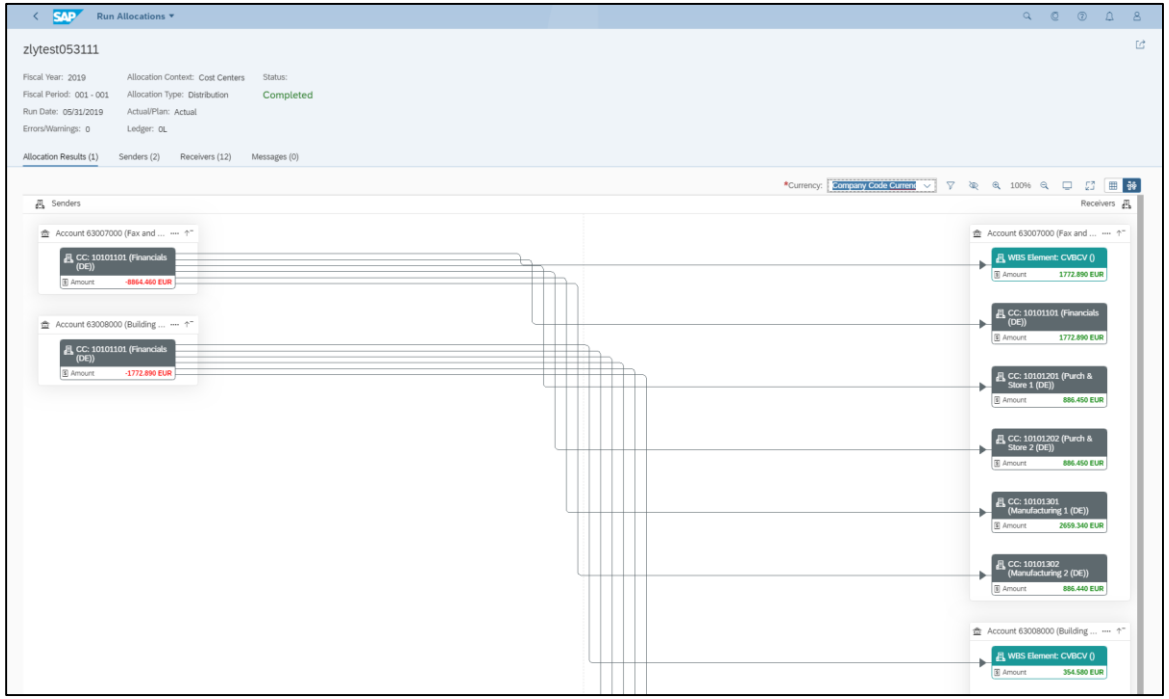
Run Allocations

- **Single point for allocation run** execute and analysis
- **Contexts** of cost center & profit center allocations
- Executes both **actuals and plan** allocations cycles
- Universal Allocation posts with
  more detailed business transaction types (BTTYPE) –
  per context, actual/plan, and allocation type.
- Run report in **new Fiori design** including new innovative features





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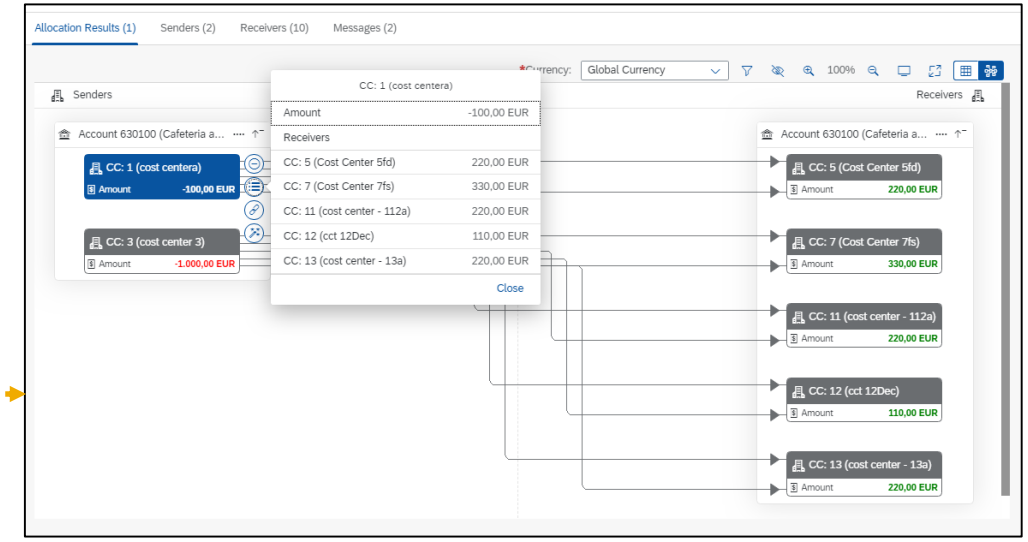
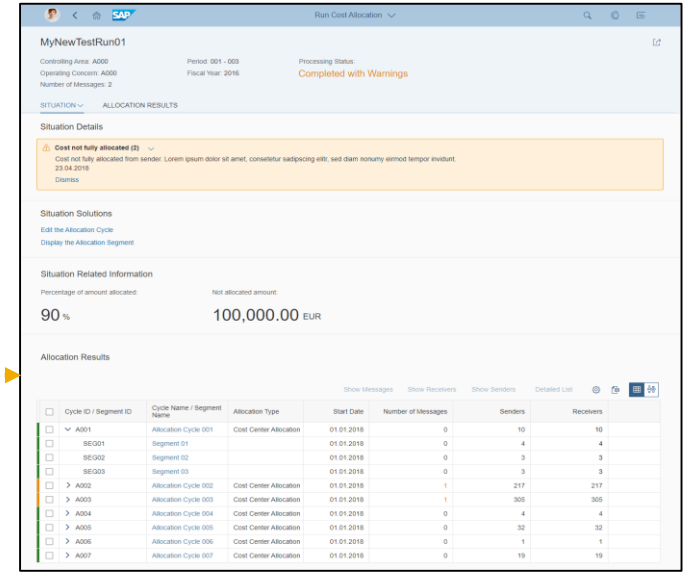
Universal allocation

Recent innovations

- Import of sender/receiver values via .csv file or manual entry
- Global accounting hierarchy groups integrated
- Allocation cycle groups enabled
- New improved allocation run persistency layer
- Network graph for visualisaiton of allocation run result
- Situation Framework for fast notification (errors/warning runs)
- Integration with Where-used list





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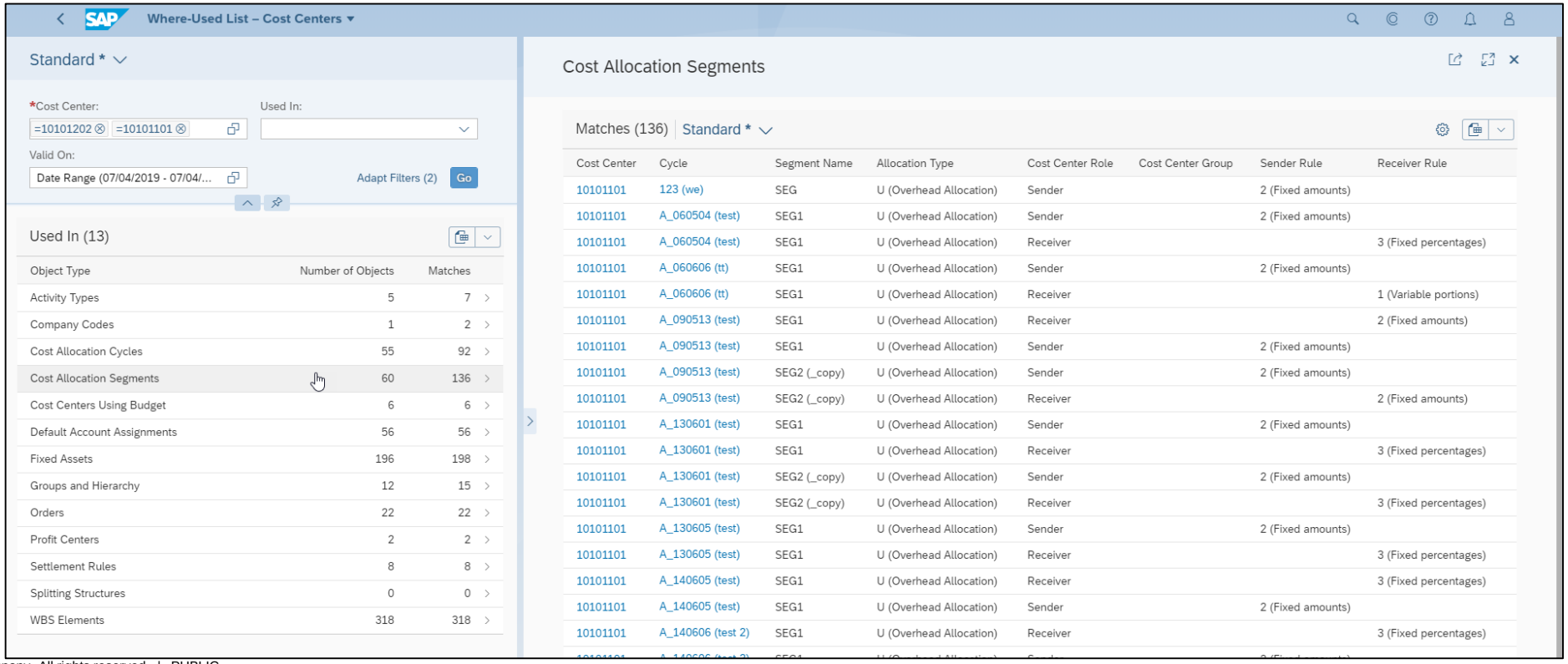
Where-Used Lists

Purpose:

- to show dependencies between master data
- to support impact analysis, for example for organizational change
- not intended to show transactional figures nor to replace reporting

Implemented for objects:

- Cost Centers, Statistical Key Figures, Activity Types, Profit Centers
- Planned (next release): global hierarchies



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SAP Real Spend

Detect Unusual Expenses

Actual and Committed Spend

Cost Object / Cost Account

Automatically highlight unusual expenses

In-app notifications about anomalies

(trigger further activities)

Automatically detect unusual expense bookings, reduce the time spent on investigations, and dynamically steer the business

Decrease time for analysis

Increase scope of further analysis

Improve budget usage

Improve cost accuracy

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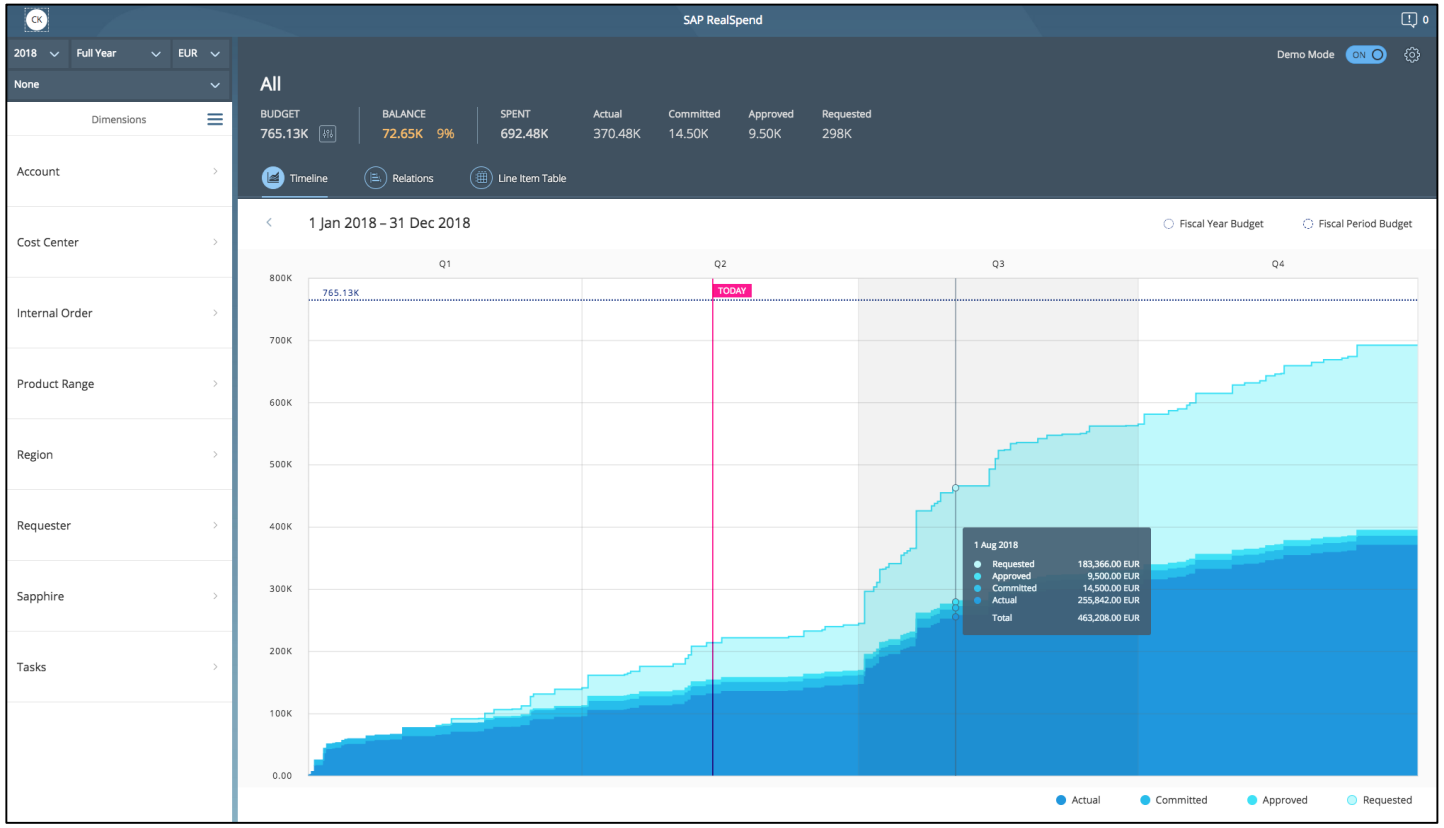
SAP RealSpend

The Self-Service to efficiently manage Cost Budgets

Business Benefits

- Flexible aggregations on any Cost Object or Cost Account
- Drill down on line item level
- Display budgets from S/4 or set manually
- Maintain future expenses
- Intuitive and easy to use
- Investigate in unusual expenses

→ ***More time for value adding tasks***



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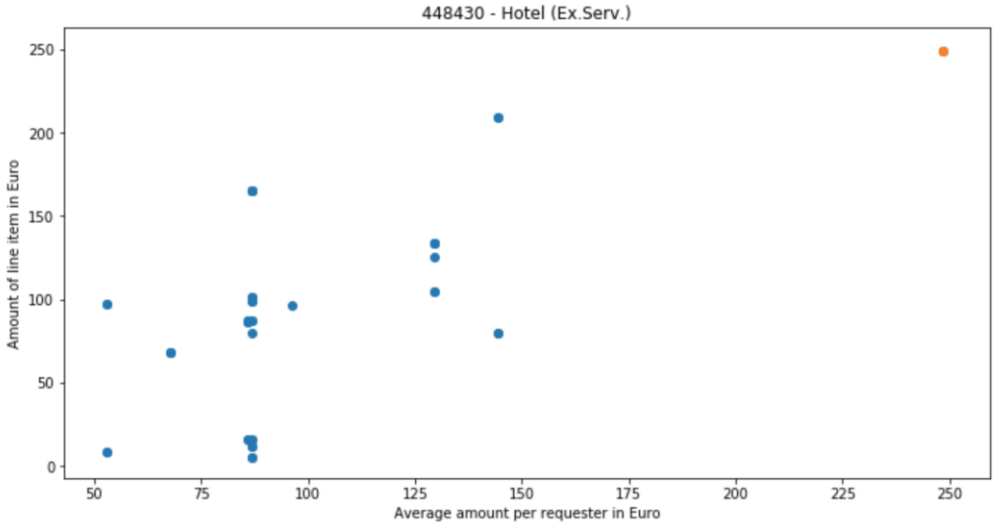
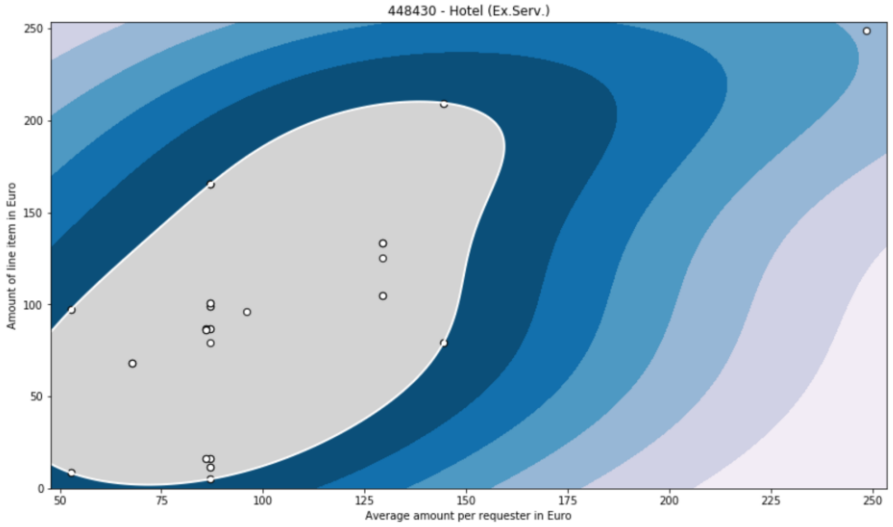
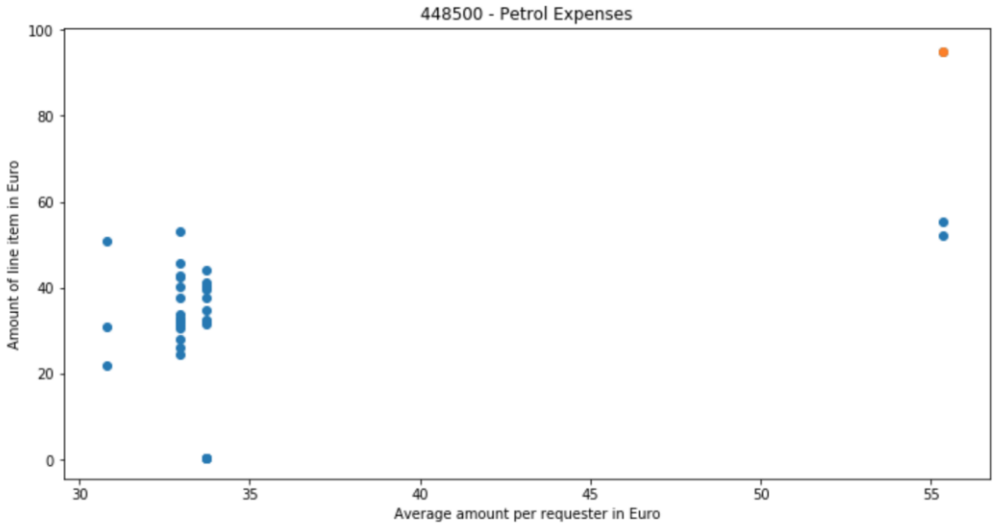
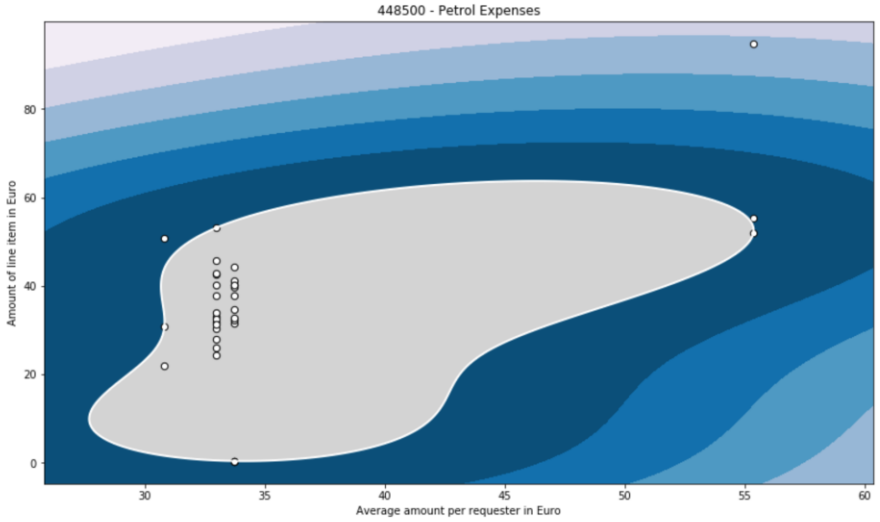
Anomaly Detection – Clustering Algorithm









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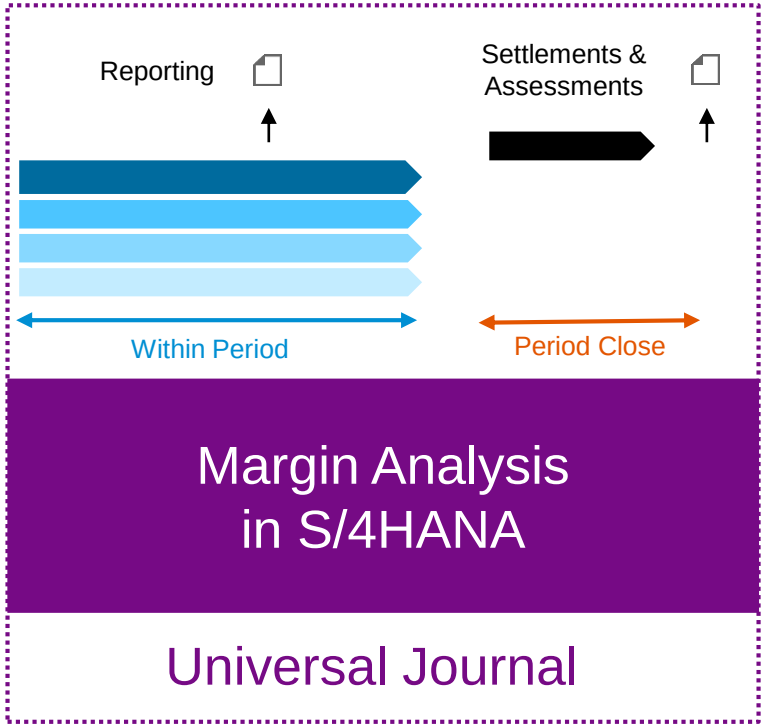
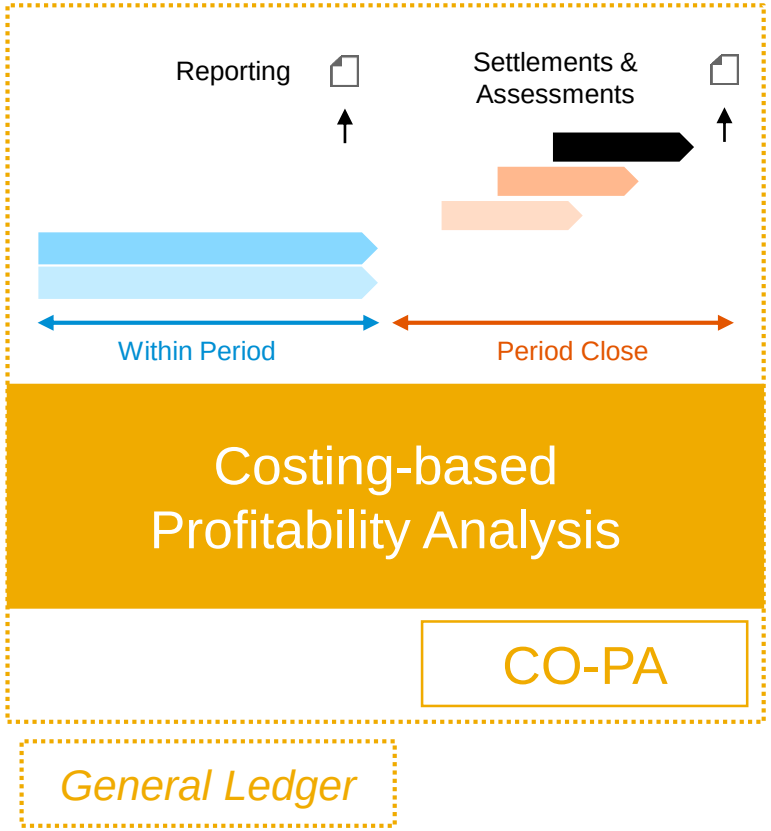
Instant Margin Insight with Margin Analysis in S/4HANA





Instant margin insight with SAP S/4HANA

Traditional ERP

- Separate data model
- Reconciliation challenges
- Not real-time

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Profitability Analysis with SAP S/4HANA Margin Analysis and SAP ERP Profitability Analysis (CO-PA)

Statement of Direction

Overview of Profitability Analysis solutions in accordance with SAP Product Availability Matrix

Solution	Description	SAP ERP	SAP S/4HANA OnPrem	SAP S/4HANA Cloud
Margin Analysis	Profitability Analysis within the Universal Journal addressing the needs of internal and external accounting, supporting real-time derivation of reporting dimensions and embedded analytics.	Not available	Recommended	Mandatory
Costing-based COPA	Groups revenues and costs according to value fields and applies costing-based valuation approaches. Data is recorded in a dedicated persistency apart from external accounting.	Available	Available	Not available
Account-based COPA	Groups revenues and costs according to G/L accounts. Data is recorded in external accounting along with a separate persistency of internal reporting dimensions.	Available	Not available	Not available
Combined CO-PA	Extension to costing- and account-based CO-PA, building a bridge between the two solutions.	Available	Not available	Not available

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Profitability Analysis with SAP S/4HANA Margin Analysis and SAP ERP Profitability Analysis (CO-PA)

Statement of Direction

SAP S/4HANA Margin Analysis as strategic offering for profitability analysis

In S/4HANA, development efforts for profitability analysis only target Margin Analysis. There are no efforts to enhance costing-based CO-PA.

Margin Analysis is perfectly integrated into the overall concept of the Universal Journal and is fully in line with our Financial Accounting development strategy.

Margin Analysis has been extended broadly over the past releases and we continue to conduct new developments in this area only, resulting in a superior solution designed to handle the needs of modern businesses.

We see new customer installations choosing Margin Analysis only and an increasing number of replacements of costing-based CO-PA with Margin Analysis.

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Profitability Analysis with SAP S/4HANA Margin Analysis and SAP ERP Profitability Analysis (CO-PA)

Statement of Direction

Benefits of SAP S/4HANA Margin Analysis

Holistic and consistent financial information without reconciliation

The Universal Journal combines financial and managerial accounting and directly records all dimensions including custom fields.
Margin Analysis provides consistent financial information without any reconciliation needs along with a financial audit trail.
All innovations developed for the Universal Journal are immediately available within Margin Analysis.
A consistent approach ensures common usage of ledgers, currencies, valuations, predictions, and simulations, as well as their availability in planning and reporting.

Real-time visibility into margins

All revenue and cost of goods sold postings are automatically assigned to the relevant dimensions at the time of posting.
Also in further scenarios, including e. g. project sales, the new approach assigns profitability dimensions immediately.
Together with real-time processing of former period-end procedures, this approach provides real-time visibility into margins during the period.

Embedded analytics

Through S/4HANA embedded analytics dedicated operational reports for multi-dimensional Margin Analysis but also regular G/L reports, such as P&L by market segments, make use of all profitability dimensions and allow for a drill-down to line item details without data manipulation or data transfer to analytical applications.

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SAP S/4HANA Financial Planning & Analysis

What's new in S/4HANA Finance 1909

Topic specific video available on YouTube (see resources overview)

FP&A

Financial Planning & Analysis

Plan & Prepare

Plan & Predict

- Financial planning content, integrated with SAP Analytics Cloud for Planning Enhanced
- Predictive accounting Enhanced

Accounting

Management Accounting

- Universal Allocation New
  - Where used list New
  - Real Spend Enhanced

Close

Margin Analysis

- Margin Analysis Enhanced
  - Financial Statement Insights Enhanced

Report & Steer

Simulate & Optimize

- SAP Analytics Cloud and embedded reporting Integrated
  - Customer Profitability Analytics New

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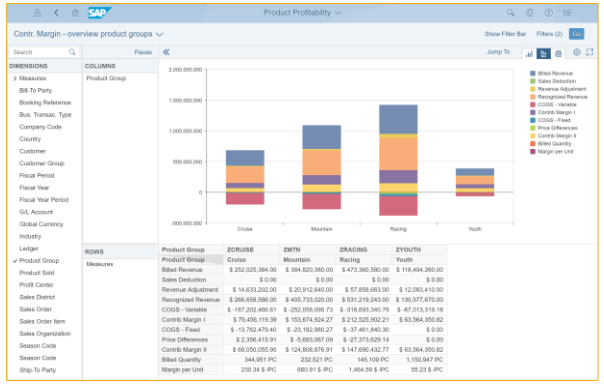
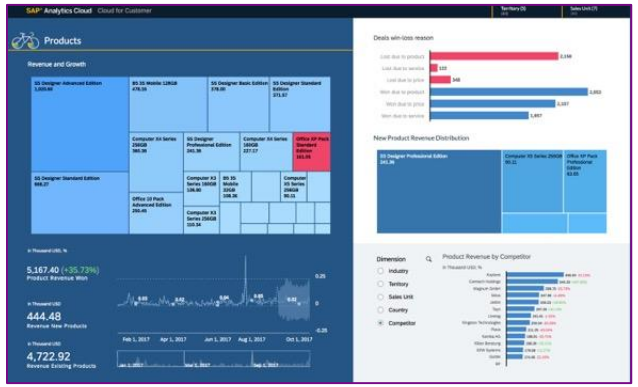
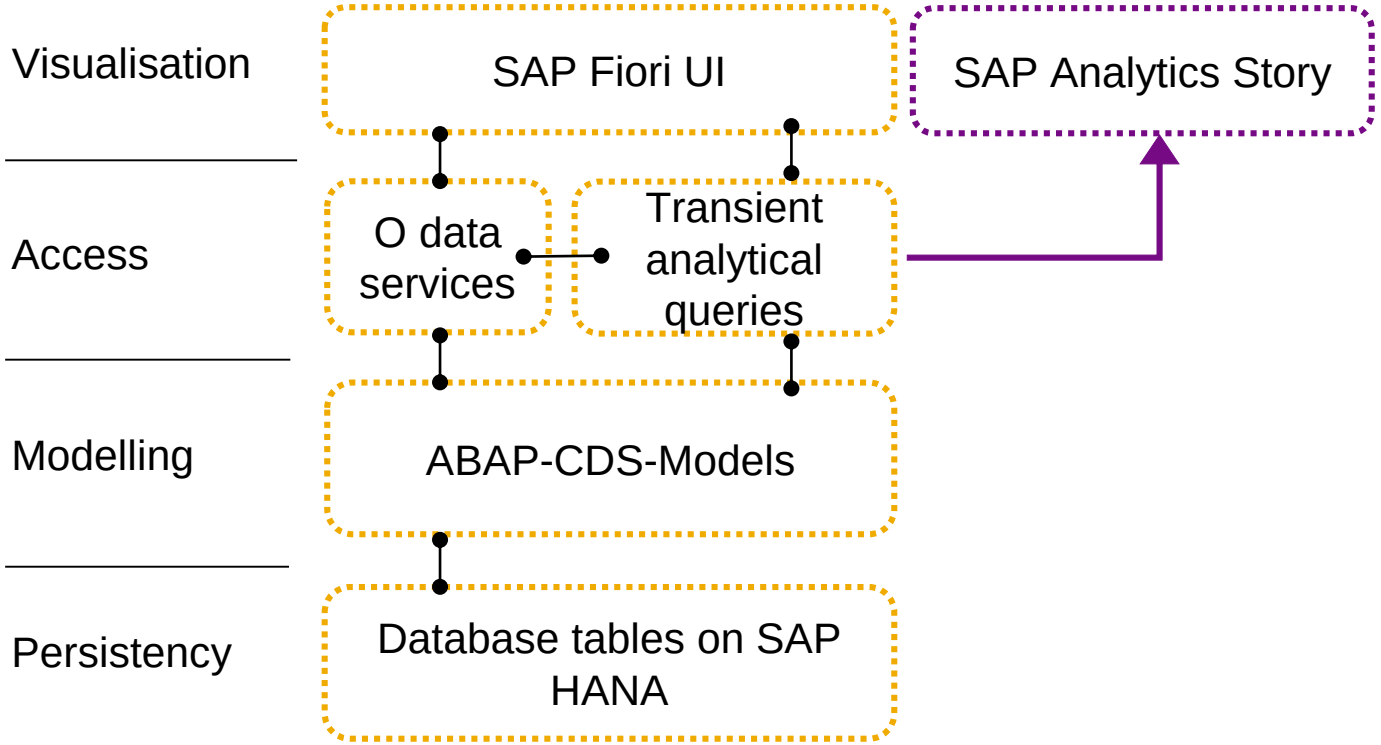
SAC and S/4HANA Integration





SAP S/4HANA

SAP ANALYTICS CLOUD



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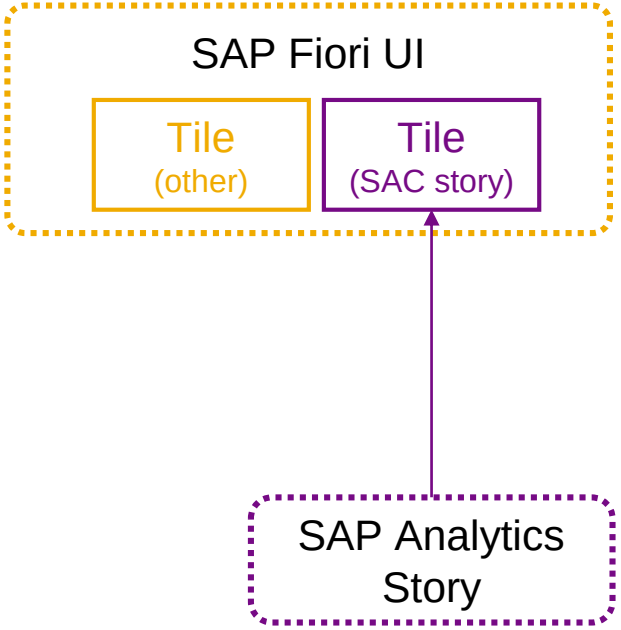
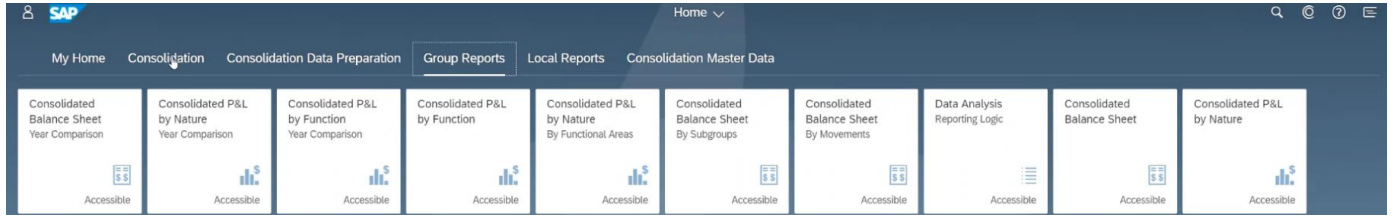
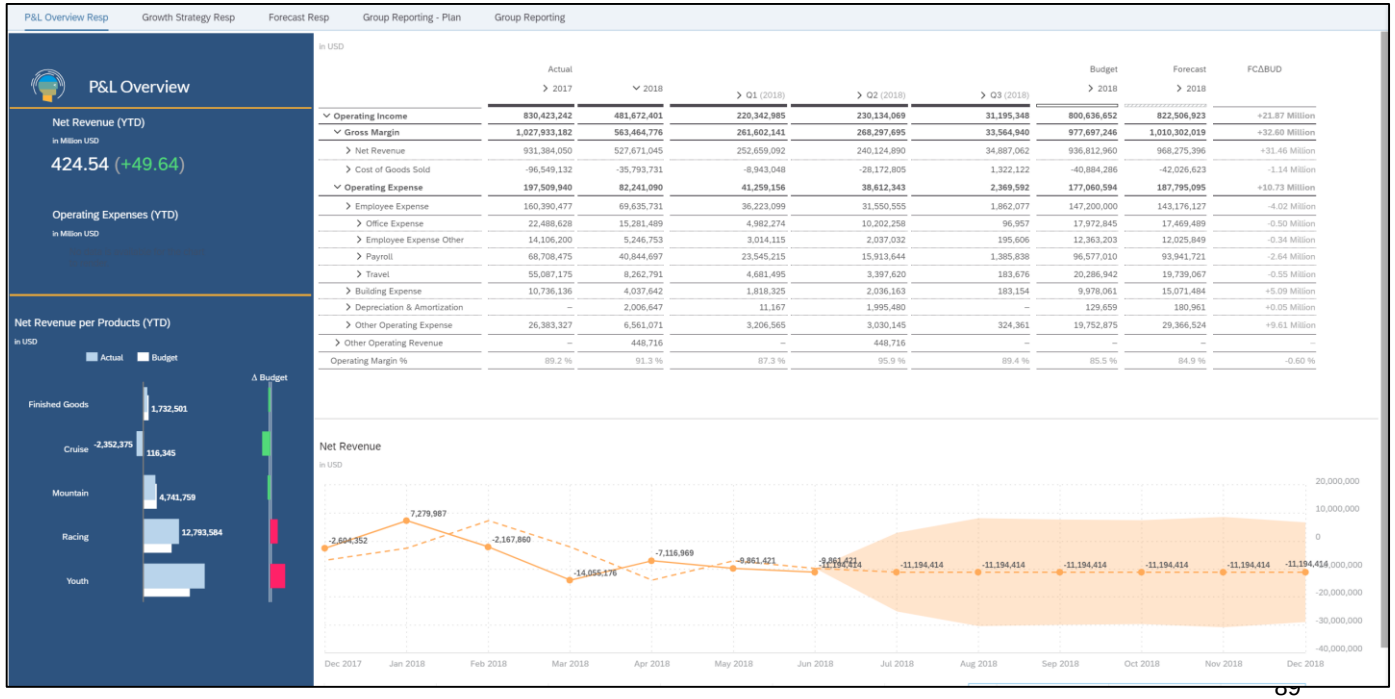
Embedding SAC reporting in S/4HANA

UX integration







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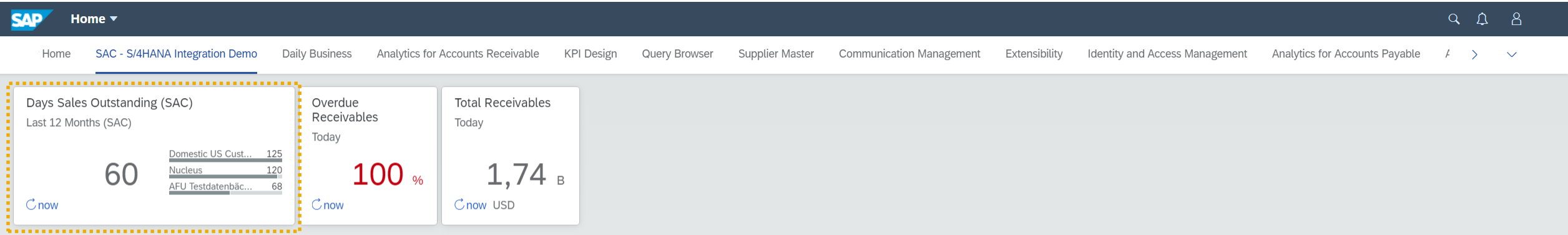

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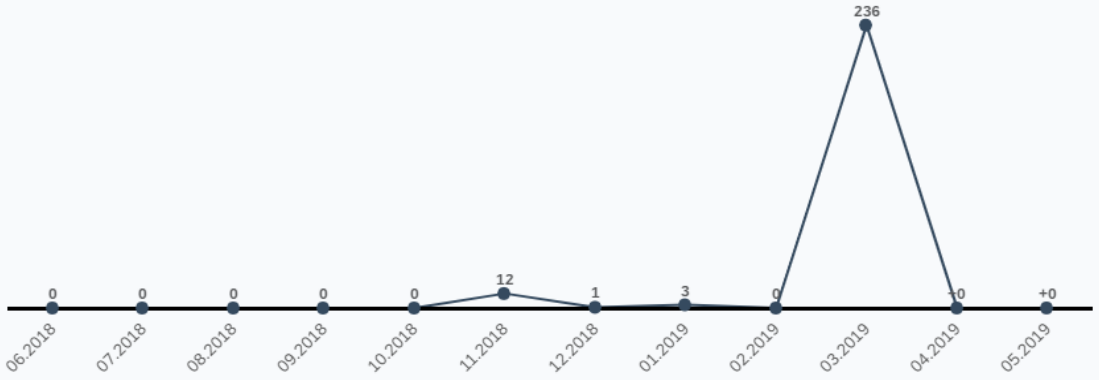
Embedded SAC Story

Standard

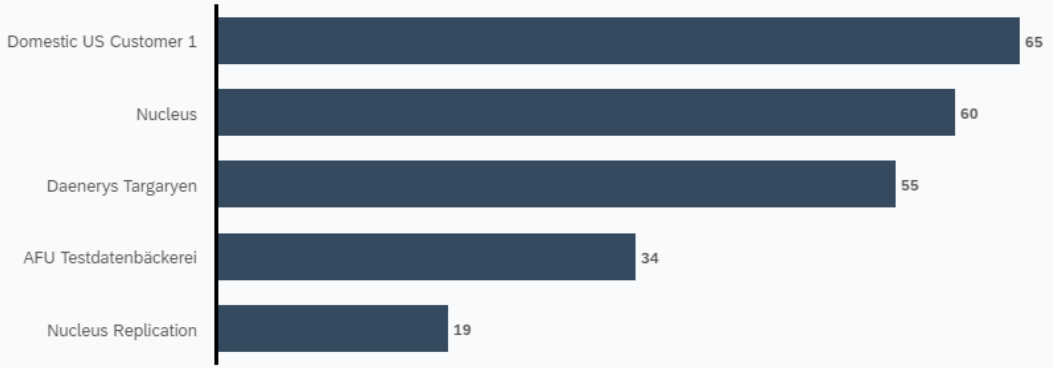
DSO Analysis

Days Sales Outstanding Analysis

Days Sales Outstanding Trend

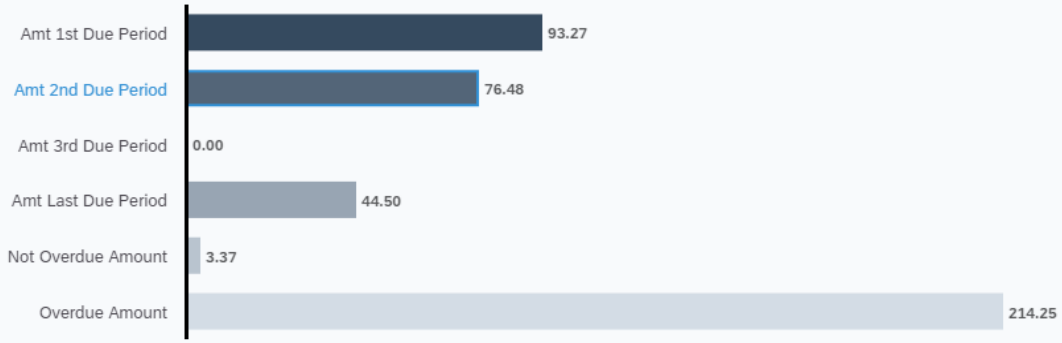


Top 5 Customers with highest DSO



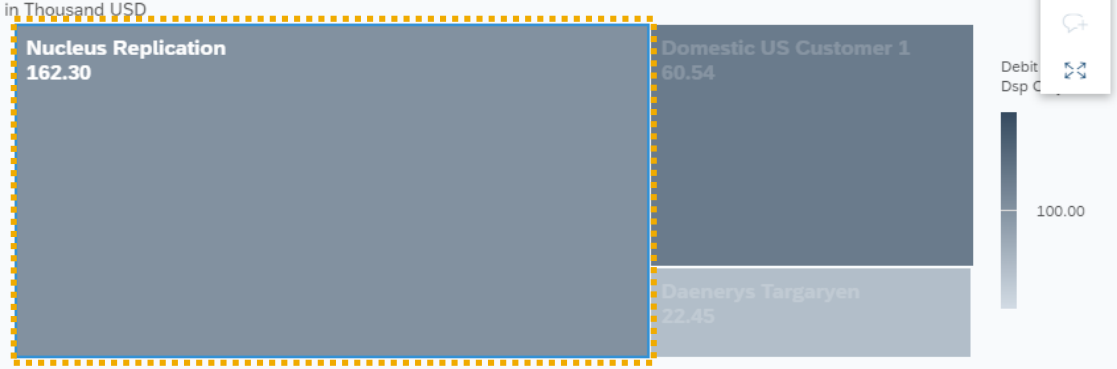
Receivables Amount by Due Period

in Thousand USD



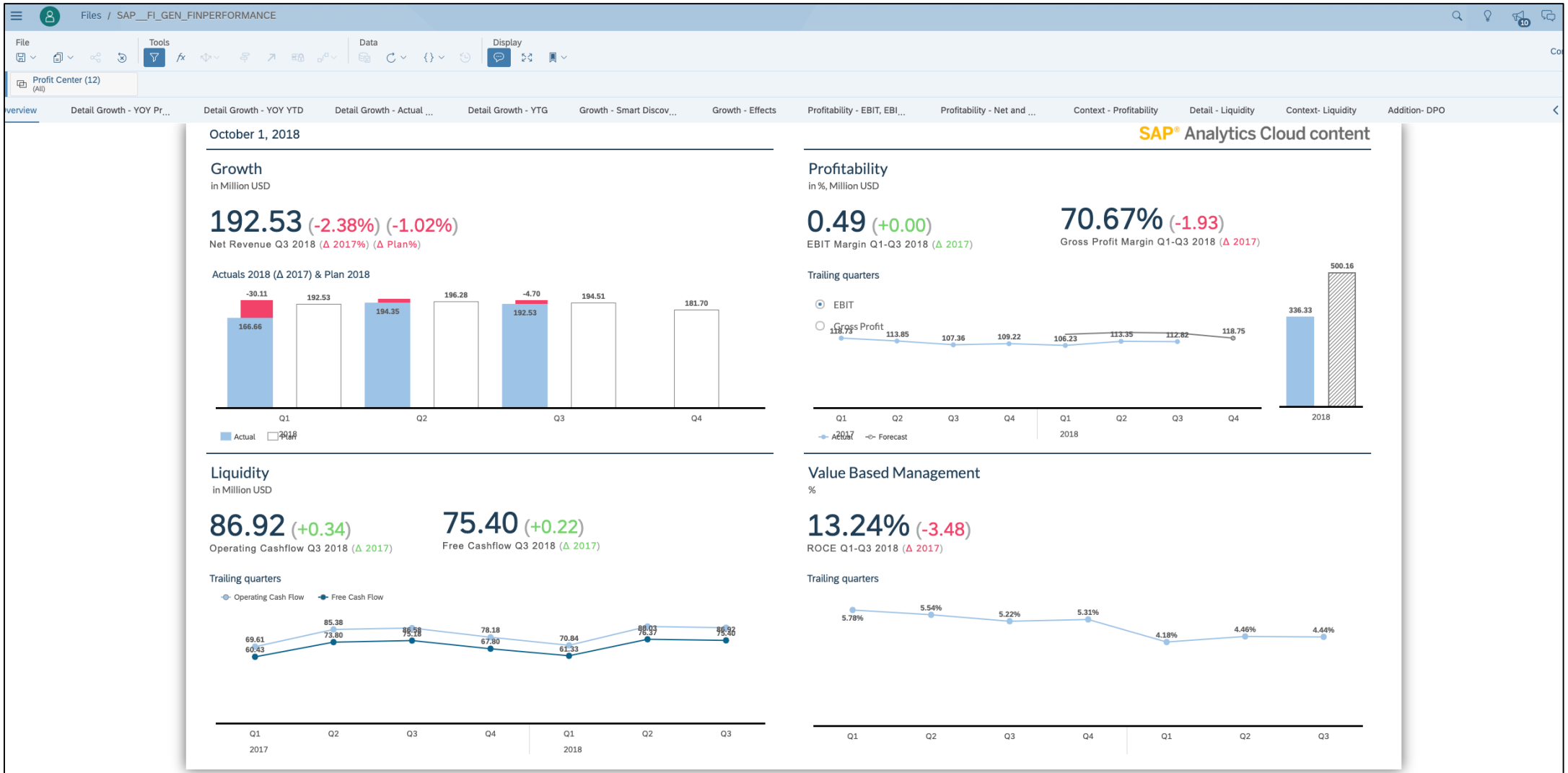
Receivables Amount (Color by Debit Amount) per Customer

in Thousand USD



SAP Analytics Cloud (SAC) Content for Finance

Examples



SAP__FI_GEN_Performance

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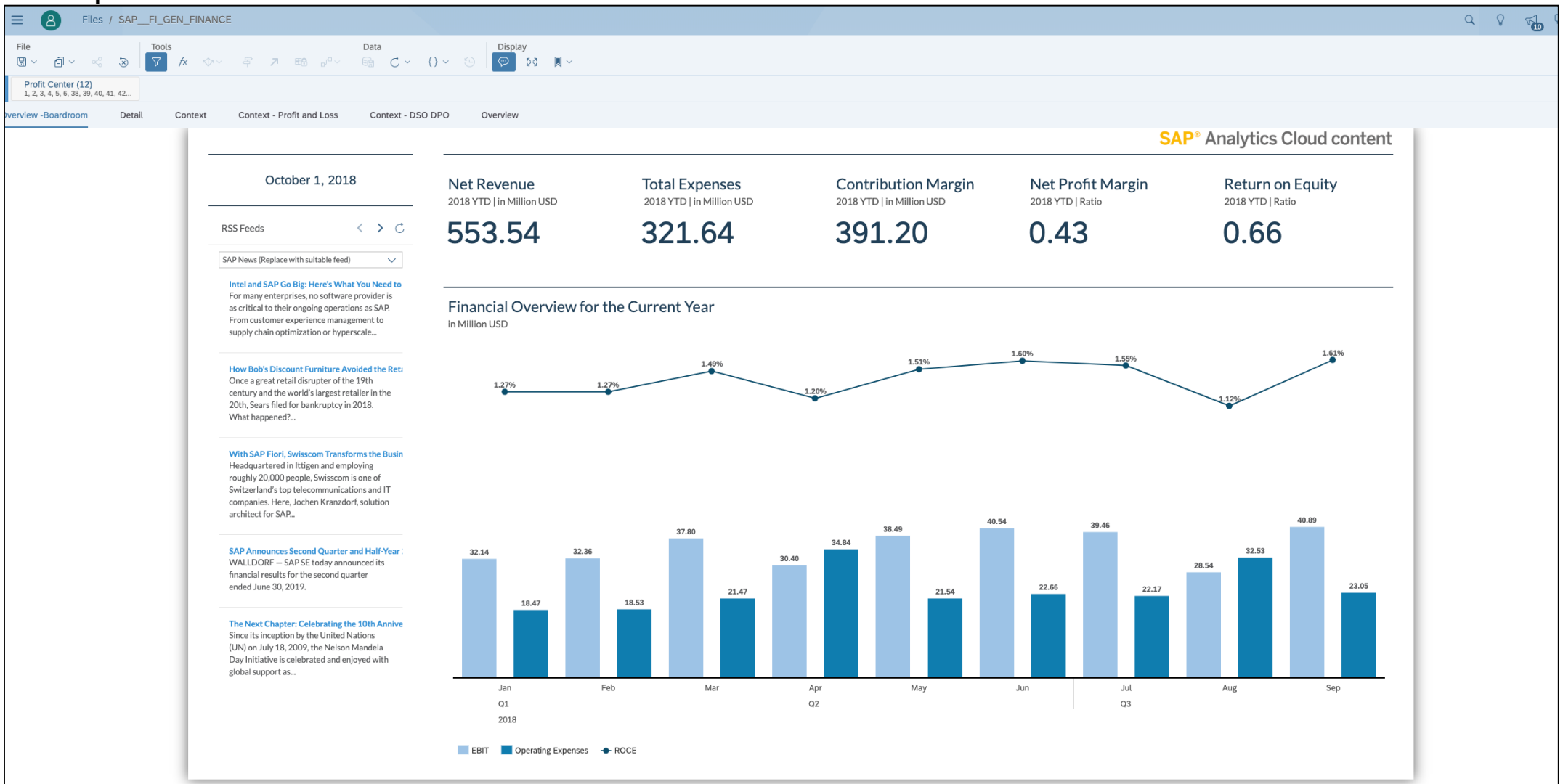
SAP Analytics Cloud (SAC) Content for Finance

Examples



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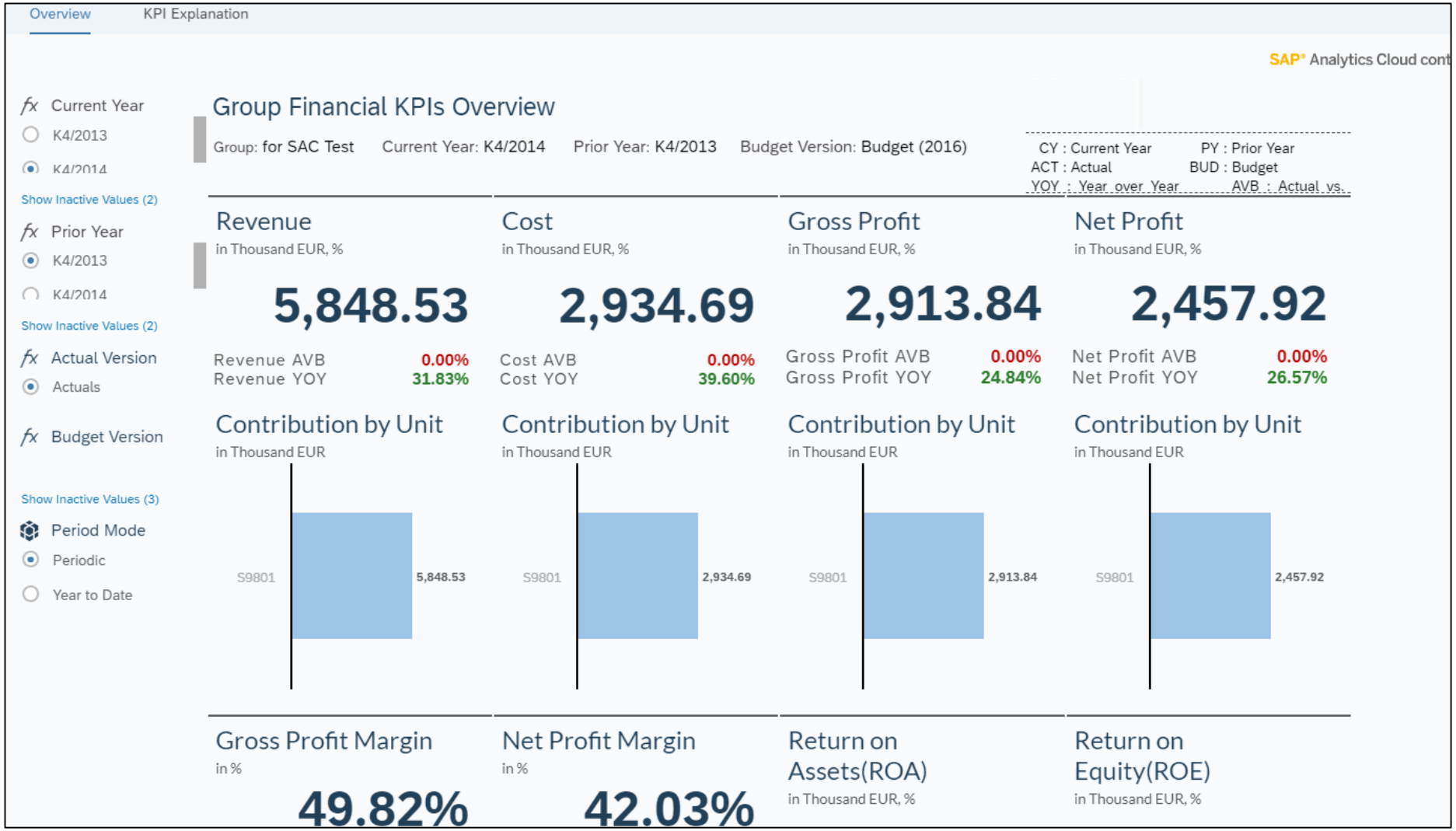
SAC – Group Reporting Analytics content

(available with 1908)



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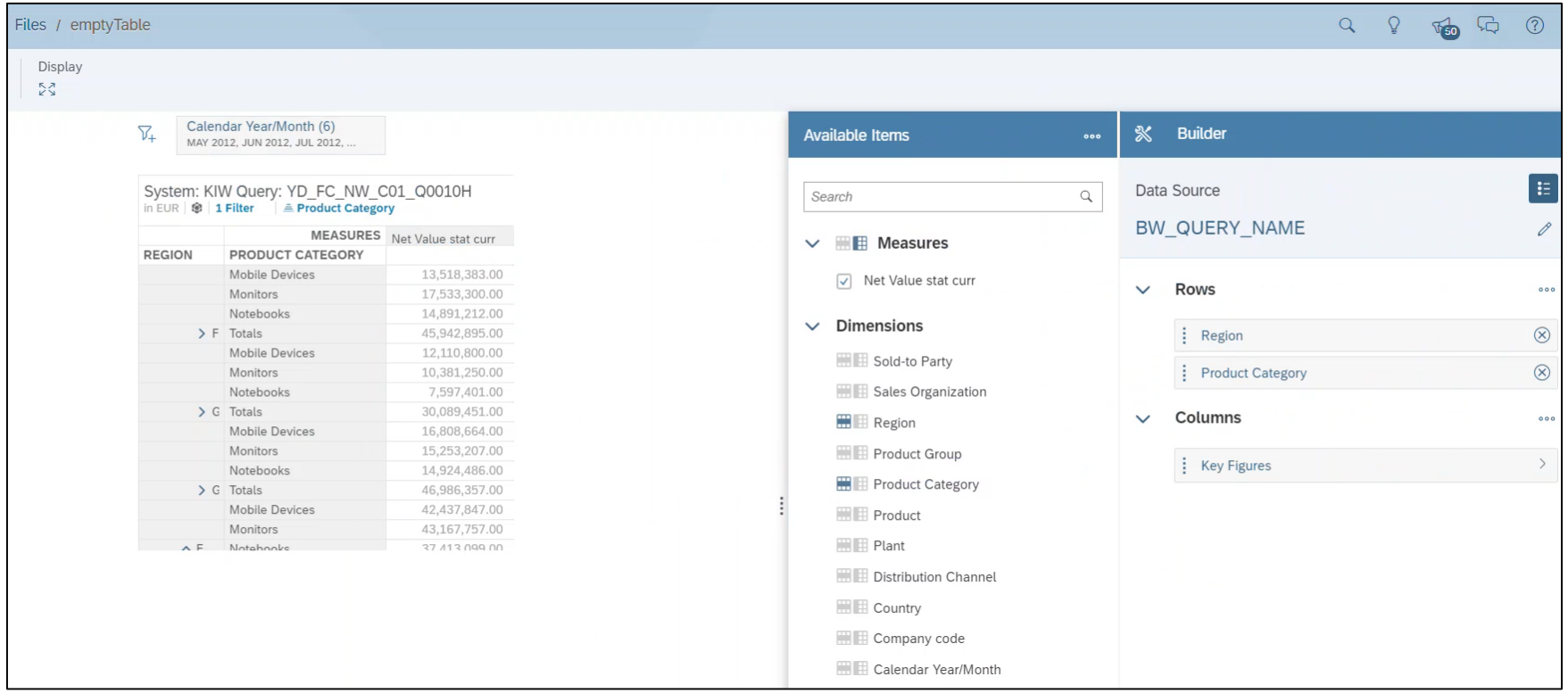
SAC Embedded reporting in S/4HANA

Planned for 1911

SAP Labs preview (Cloud only)

- Seamless integration by live data connection
- Bi-directional context navigation
- New SAC ad-hoc analysis tool envisioned to replace design studio



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FP&A
Financial Planning & Analysis

R2R
Record-to-Report

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Management Accounting

- Universal Allocation New
  - Where used list New
  - Real Spend Enhanced

Margin Analysis

- Margin Analysis Enhanced
  - Financial Statement Insights Enhanced

Simulate & Optimize

- SAP Analytics Cloud and embedded reporting Integrated
  - Customer Profitability Analytics New

Record

- SAP S/4HANA Central Finance:
  - Accounting View on Logistics Information (AVL) New
  - Indirect tax reporting New

Financial Accounting

- Accruals management Enhanced
- SAP S/4HANA for goods and invoice receipt reconciliation Enhanced
- Time-dependent Tax New
- T-Account Display New
- SAP Account Reconciliation and Automation by Blackline Enhanced

Financial Close

- SAP S/4HANA Cloud for Advanced Financial Closing Enhanced
- SAP S/4HANA for Group Reporting Enhanced
- SAP Intercompany Financial Hub by Blackline Enhanced
- SAP Intelligent Robotic Process Automation New

Financial Reporting

- SAP Revenue Accounting and Reporting (IFRS 15)
- SAP S/4HANA Cloud for Contract & Lease Management (IFRS 16)

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Your thoughts?

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