

**SAP Labs Preview** 

# SAP S/4HANA Cloud Release for Cross-topics and Two-tier ERP Show and Tell Session 1811

October 15, 2018

**CUSTOMER** 



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# **Agenda**

- Welcome
- Analytics
- Data Migration Cockpit
- Extensibility
- Localization
- Situation Handling
- Two-Tier ERP, start your SAP S/4HANA Cloud journey at subsidiaries
- Ux
- Q&A







**Martin Herrmann** 

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**Martin Loeffler** 

SAP S/4HANA Cloud Product Management

Business Area in Line of Business / Industry / Technology

#### **Product- and Asset-centric capabilities** R&D/ **Asset** To the Manufacturing **Supply Chain Engineering** Management Enterprise Portfolio and **Production Operations** Advanced Order Promising Maintenance Management **Project Management Production Planning Product Compliance** Inventory **Product Engineering** Order Promising **Quality Management** Product Lifecycle Warehousing Management **Project Control**

#### **Industry-specific capabilities**

Professional Services



Controlling and Accounting

Projects and Engagements

Resource Management

Service-Centric Billing

#### **Real-time foundation**

Database and Data Management

Enterprise Information Management

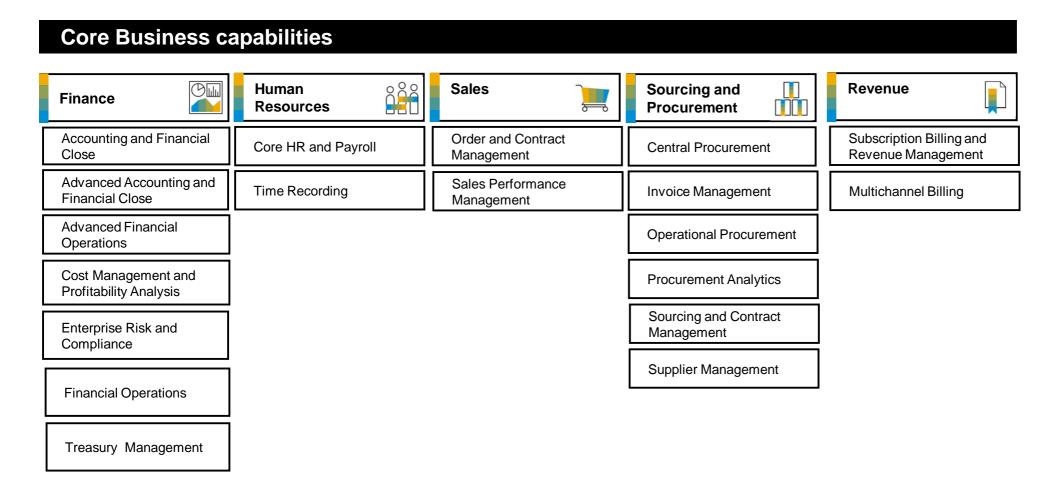
Application Platform and Infrastructure

Foundation

Line of Business / Industry / Technology

**Business Area** 

#### Business Area in Line of Business

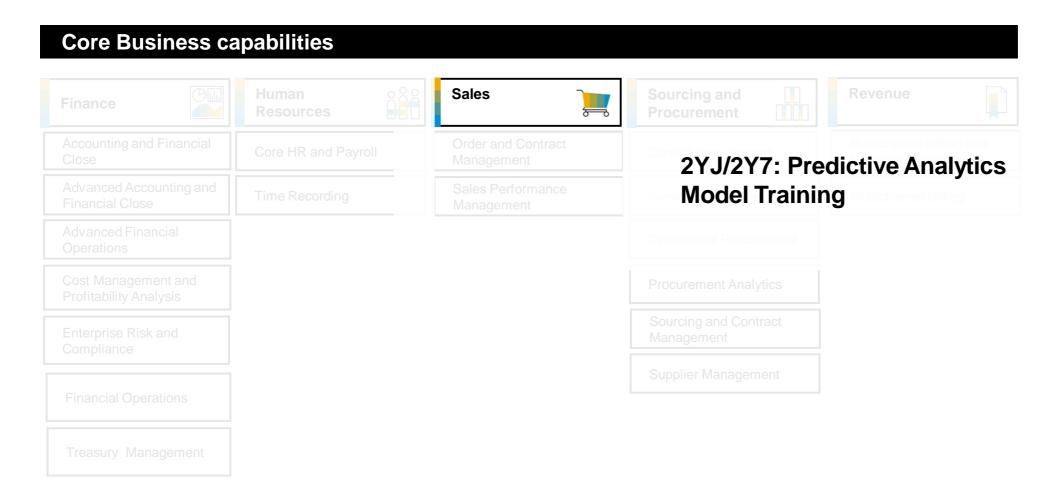


Line of Business / Industry / Technology

**Business Area** 

# SAP S/4HANA Cloud 1811 - Analytics

#### Business Area in Line of Business



Line of Business / Industry / Technology

**Business Area** 

# **SAP S/4 HANA Cloud Embedded Analytics Content**

Predictive Analytics Model Training – Sales / Project Cost Forecasting

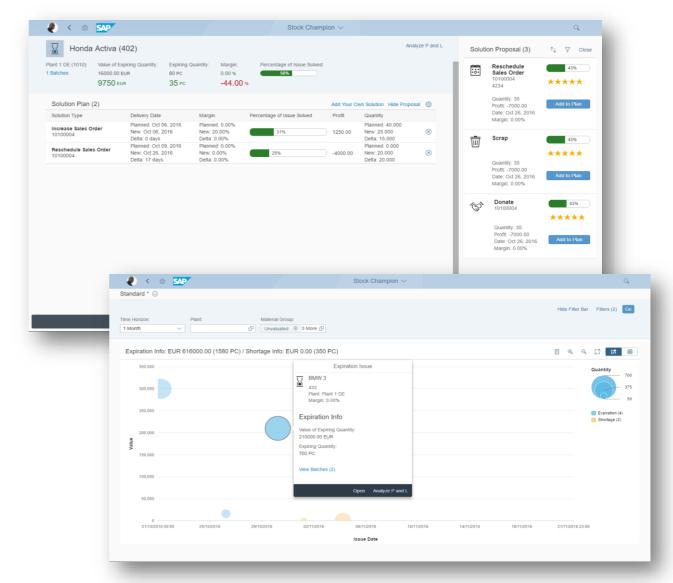
Improved predictive model to provide forecasting

Less budget overruns and better project investment decisions based on more realistic Estimations.

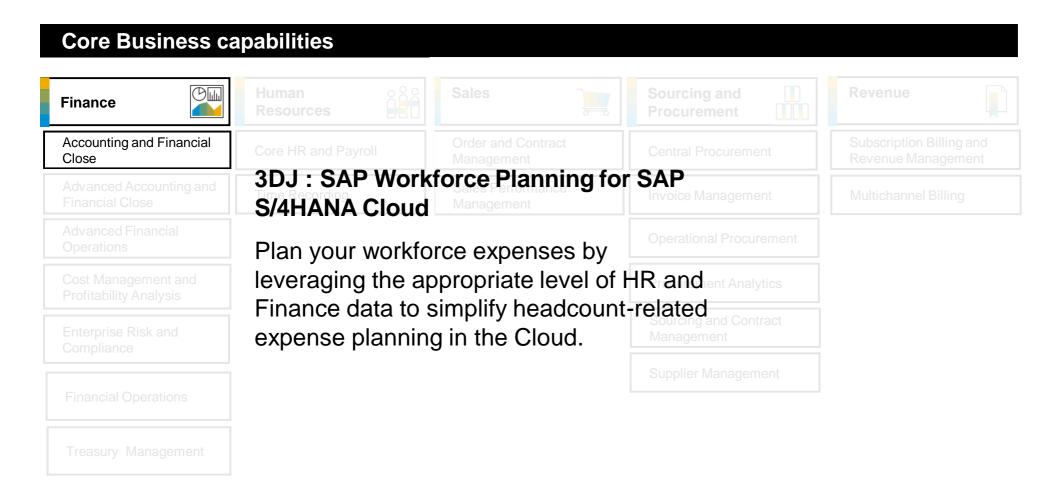
Reduced effort for project cost planning and forecasting while improving the accuracy

Improved customer satisfaction due to ability to deliver projects on time.

Help Link Demo Link



#### Business Area in Line of Business



Line of Business / Industry / Technology

**Business Area** 

# **Best Practice Content for SAP Analytics Cloud for SAP S/4HANA Cloud**

## SAP Workforce Planning

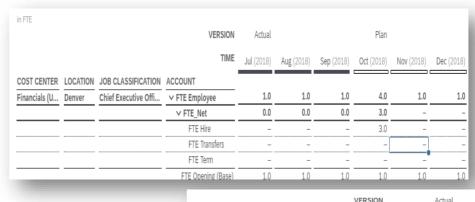
Closes the gap between Finance and HR assumptions by merging the assumptions into one planning & analysis solution.

Plan your workforce expenses by leveraging the appropriate level of HR and Finance data to simplify headcount-related expense planning in the Cloud

Leverage Success Factors HR data to simplify planning based on existing headcount.

Pre-populate Plan expense assumptions by deriving runrate from a set of Actual financial history from SAP S/4HANA Cloud

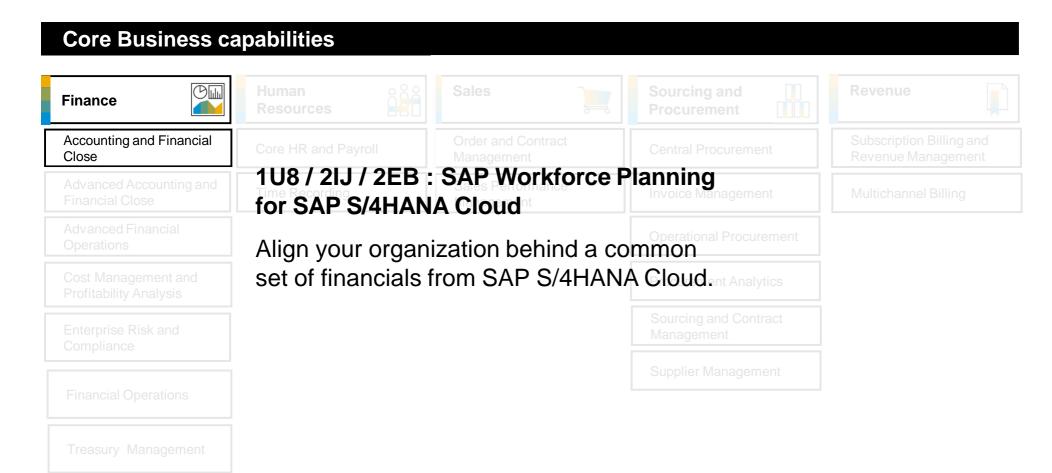
## **Demo Link**



		VERSION	Actual	Plan			
		TIME	Sep (2018)	Sep (2018)	Oct (2018)	Nov (2018)	Dec (2018)
		ACCOUNT	Salary/Wage Annual	Salary/Wage A	Merit % - i	Merit % - i	Merit % - i
COST CENTER	LOCATION	JOB CLASSIFICATION					
		— OD GENOSII IONIION					
Financials (US)	Denver	Analyst	96,000	96,000	_	_	_
		Chief Executive Officer	180,000	180,000	-	-	-

in USD						
			VERSION	Plan		
			TIME	Oct (2018)	Nov (2018)	Dec (2018)
COST CENTER	LOCATION	JOB CLASSIFICATION	ACCOUNT			
Financials (US)	Denver	Chief Executive Officer	Travel per FTE	2,838	2,838	2,838
			Oth Emp Exp pe	1,419	1,419	1,419
			Office Exp per FTE	4.257	4.257	4.257

#### Business Area in Line of Business



Line of Business / Industry / Technology

**Business Area** 

# **Best Practice Content for SAP Analytics Cloud for SAP S/4HANA Cloud**

## SAP Financial Planning & Analysis

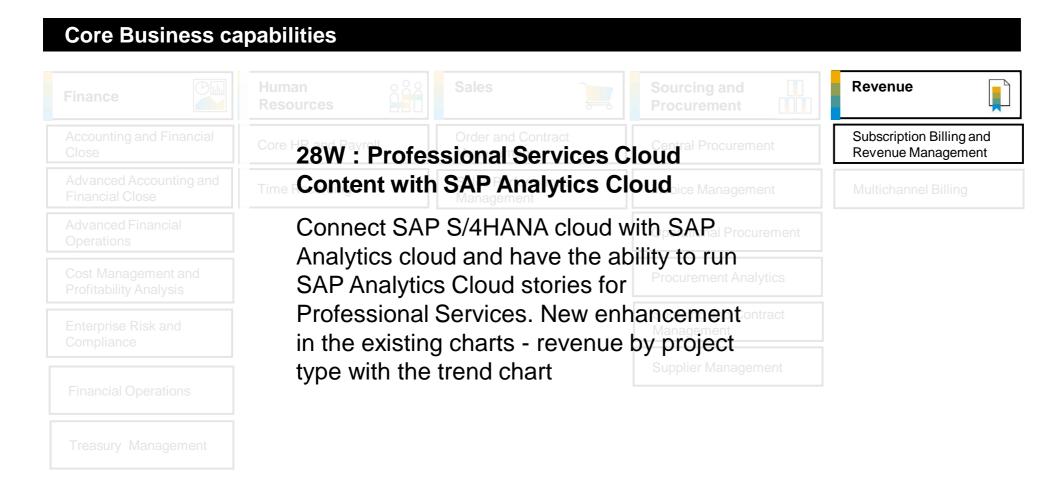
- Align your organization behind a common set of financials from SAP S/4HANA Cloud.
- Realtime Financial Cash flow statement.
  - Accounts Payable Accounting Clerk can get real time insight to outstanding payables and Days Payable Outstanding.
- Real time Financial Statement Analytics report leverages the financial statement CDS View for proper sign treatment with semantic tags.
- Cash flow planning & analysis views.
- Simpler selectors on dashboards. Optimized calculation logic.

#### **Demo Link**





#### Business Area in Line of Business



Line of Business / Industry / Technology

**Business Area** 

# **Best Practice Content for SAP Analytics Cloud for SAP S/4HANA Cloud**

#### Professional Services Cloud Content

Integration between SAP S/4HANA Cloud for Professional Services and SAP Analytics Cloud.

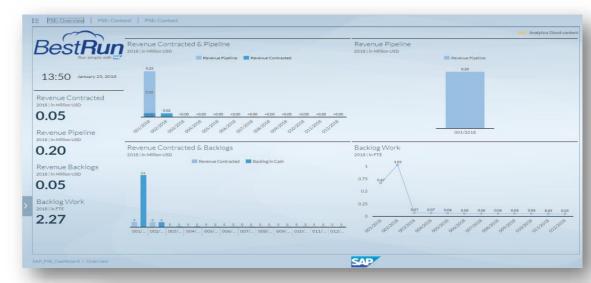
Real-time insights into commercial activities across the company for project managers.

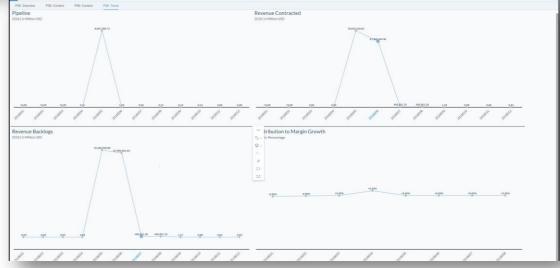
Increase customer satisfaction through better business reporting.

Visibility of the project backlog in terms of revenue and productivity.

Trend chart for revenue in pipeline, revenue in contracted and the backlogs including contribution to the margin growth.

#### **Demo Link**





# SAP S/4HANA Cloud 1811 – Data Migration Cockpit

# **SAP S/4HANA Migration Cockpit**

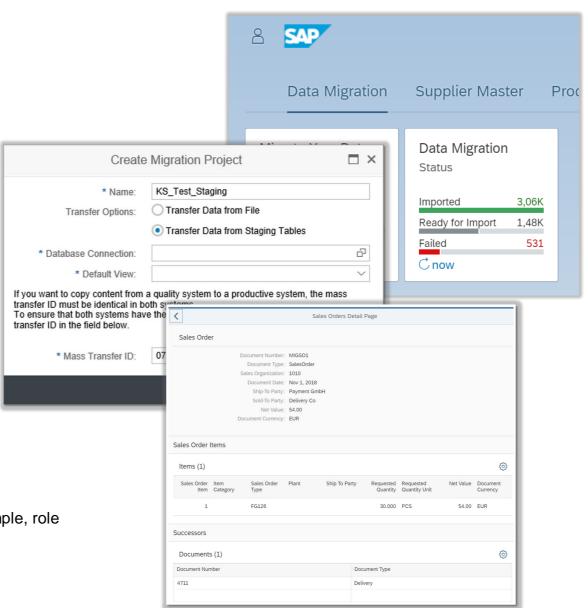
The latest improvements for the SAP S/4HANA Migration Cockpit bring you new features which will help you during your data migration activities (BH5, 2Q2)

#### Capabilities:

- Data Migration Status app to manage and monitor your data migration activities on time and within budget
- Data Migration from staging allows much easier handling of very high volumes of data using ETL tools
- Migration of historical data NEW feature

For SAP S/4HANA Cloud, the following business roles are needed:

- SAP BR CONFIG EXPERT DATA MIG
- SAP BR BPC EXPERT
- The corresponding role for each migration object is also required. For example, role SAP\_BR\_CASH\_MANAGER for the Bank Migration object.

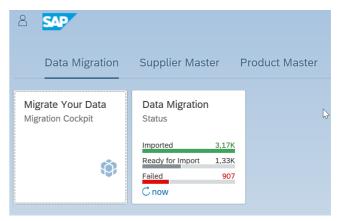


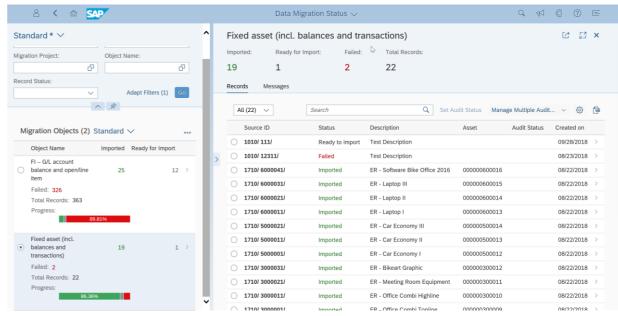
## **Data Migration Status app**

With this app, you can check the status of your migration objects and projects after you've started migrating data to your SAP S/4HANA Cloud system for at least one migration object.

#### This app provides the following key features:

- Get an overview of your migration objects and projects in real time
- Use filters and change view settings to drill down into reports faster
- See detailed statuses for all records
- Get info on all messages
- Navigate to the standard SAP Fiori app directly from each record
- 6. Export reports to Microsoft Excel files
- Additional Feature Audit data using the built-in audit function





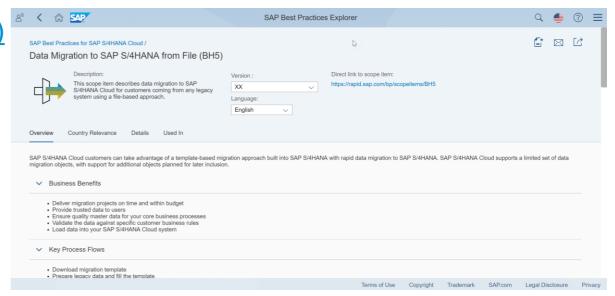
# **Data Migration from File**

# Data Migration to SAP S/4HANA from File (BH5)

SAP S/4HANA Cloud customers can take advantage of a template-based migration approach built into SAP S/4HANA with rapid data migration to SAP S/4HANA.

#### **Business benefits:**

- Deliver migration projects on time and within budget
- Provide trusted data to users
- Ensure quality master data for your core business processes
- Validate the data against specific customer business rules
- Load data into your SAP S/4HANA Cloud system





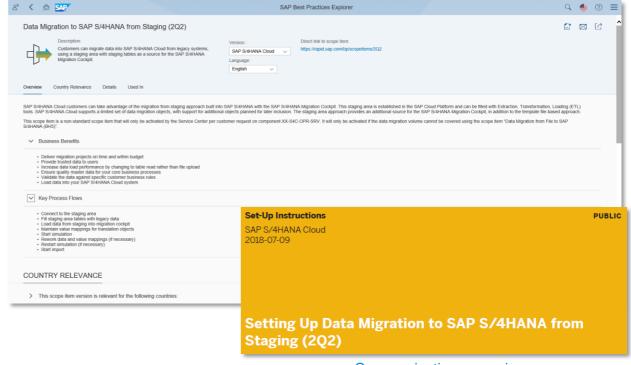
# **Data Migration from Staging**

**SAP Best Practices Explorer Content** 

<u>Data Migration to SAP S/4HANA from Staging</u> (2Q2)

Customers can migrate data into SAP S/4HANA Cloud from legacy systems, using a staging area with staging tables as a source for the SAP S/4HANA Migration Cockpit.

Consideration	Files	Staging Tables
Size Limit	The size limit for each uploaded XML file is 100 MB. *	No Limit.
System Considerations	None.	Staging system (database) is located on the SAP Cloud Platform.
Data Provisioning	Enter data manually in each Microsoft Excel XML file.	Fill tables manually or by using preferred tools (for example SAP Agile Data Preparation).



Communication scenario

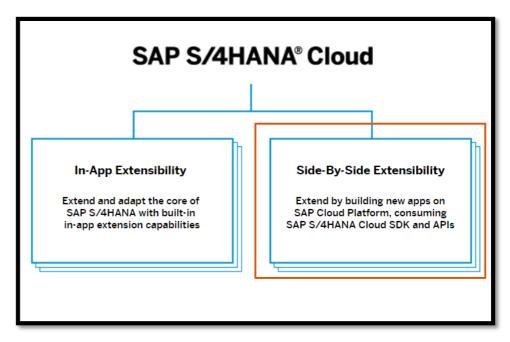
Migration Cockpit Integration (SAP\_COM\_0259)



<sup>\*</sup> You can upload multiple XML files at once by using a zip file. Note that the combined size of all the XML files you want to add to the zip file must not exceed 160MB.

# What about the historical data in the legacy?

- Extend data migration to include historical data into S/4HANA cloud using Side-By-Side Extensibility.
- Reach the completeness of the customer data scope.
- Similar upload templates as the migration object templates in migration cockpit.
- Search, filter and sort operations on the historical data.
- Export the data to Excel files.



## Where can I Start?

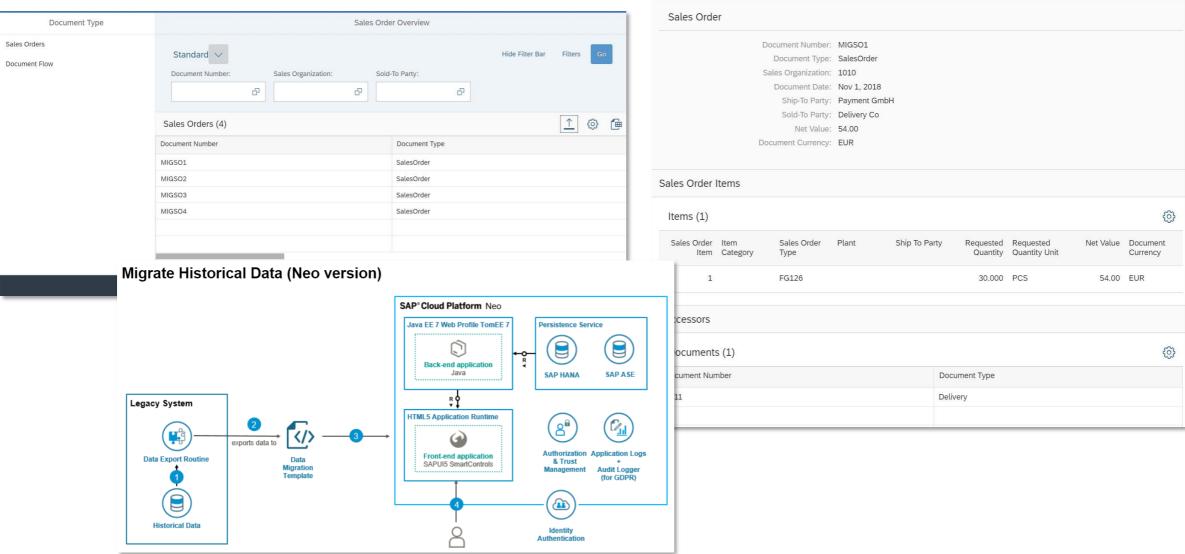
## https://sap.com/extends4



Sales Orders Detail Page

# **Historical Sales Order Data App**

powered by Side-By-Side Extensibility



# SAP S/4HANA Cloud 1811 – Extensibility

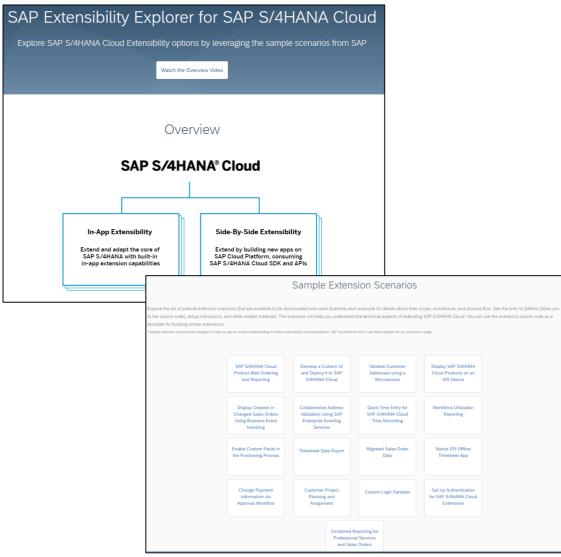
# SAP Extensibility Explorer for S/4HANA Cloud

The latest improvements\* for the SAP Extensibility Explorer for S/4HANA Cloud bring you 10 new sample extension scenarios that enable you to learn and experience various extensibility features/patterns for SAP S/4HANA Cloud.

#### List of Sample Scenarios (<a href="https://www.sap.com/extends4">https://www.sap.com/extends4</a>)

- Setting Up Authentication for SAP S/4HANA Cloud Extensions
- Timesheet Data Export
- Migrated Sales Order Data
- Native iOS Offline Timesheet App
- Change Payment Information via an approval workflow
- Workforce Utilization Reporting
- Enable Custom Fields in the Purchasing Process
- Custom Logic Samples
- Customer Project Planning and Assignment
- Combined Reporting for Professional Services and Sales Orders

# SAP Extensibility Explorer @ https://www.sap.com/extends4



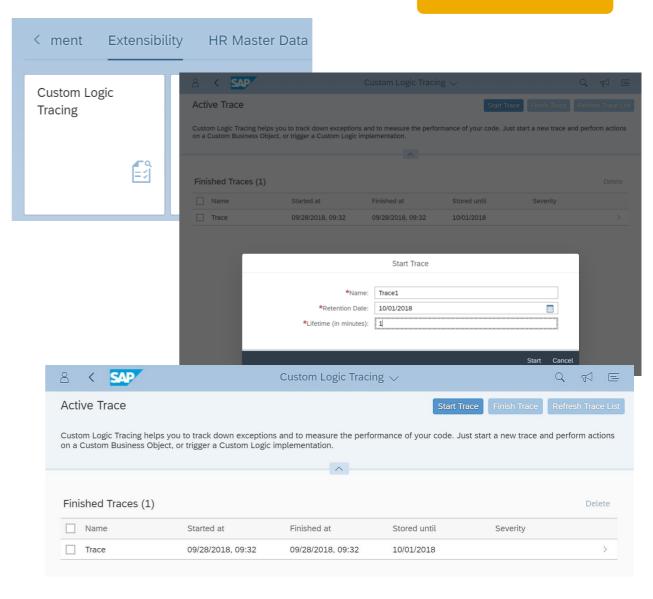
<sup>\*</sup> The release plan of extension samples are not tied to S/4HANA Cloud release plan. They are delivered via GitHub.
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# **Custom Logic Tracing**

This app helps you to track down exceptions and to measure the performance of your code.

## Use this app to trace:

- Processing order
- Processing duration
- Values of input and output
- Duration of execution of BAdI im implementation
- Which exceptions are raised and where and when they occur
- Jump into your code to adjust it directly from tracing app



# SAP S/4HANA Cloud 1811 – Localization

## SAP Best Practices for SAP S/4HANA Cloud

#### Localization



**SAP Labs Preview** 

#### SAP Best Practices for SAP S/4HANA Cloud

#### 38 Countries:

Australia, Austria, Belgium, Brazil, Canada, China, Denmark, France, Finland, Hong Kong, Germany, Great Britain, Hungary, India, Indonesia, Ireland, Italy, Japan, Luxembourg, Malaysia, Mexico, New Zealand, Netherlands, Norway, Philippines, Poland, Saudi Arabia, Singapore, Spain, South Africa, South Korea, Sweden, Switzerland, United Arab Emirates, USA, Taiwan, Turkey, Romania

#### 22 Languages:

Arabic, Chinese (simplified), Chinese (traditional), Danish, Dutch, English, Finnish, French, German, Hungarian, Italian, Japanese, Korean, Malay, Polish, Portuguese, Norwegian, Russian, Spanish, Swedish, **Turkish, Romanian** 

# SAP S/4HANA Cloud 1811 – Situation Handling

# SAP S/4HANA Cloud - Situation Handling Manage Situation Types (31N, 2TX, BMD, 2XW)

Situation Handling brings immediately issues to your attention which are critical to your business success. You are directed to business situations requiring your attention and provided with contextual information and actions in one place.

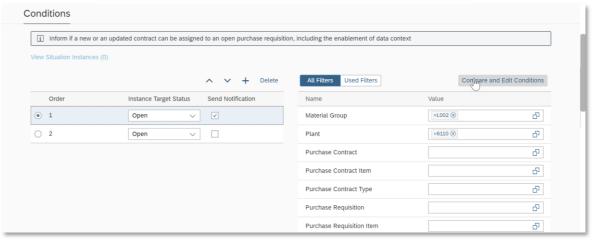
A business situation occurs when a business object changes a status relevant to a user, when critical deadlines are passed, or a KPI passes a threshold.

With the Fiori app Manage Situation Types you can maintain situation types which detect actual business situations and send notifications to specific users.

In 1811 this app will provide key enhanced capabilities such as:

- You can compare the filter criteria for all conditions and opt to see either only the used filters or all filters
- You can use a date picker to delete monitored data
- You can now decide to capture the data context from business situations and to extract it with the Business Situation – Read API for advanced analytics





⚠ Delete monitored data for	r this situation typ	e.
Delete All Monitored Data		R
O Delete Monitored Data Before:	18.09.2018	iii
Monitored data to be deleted: 8252 ac	tivities.	
	Del	ete Cance

# **SAP S/4HANA Cloud - Situation Handling**

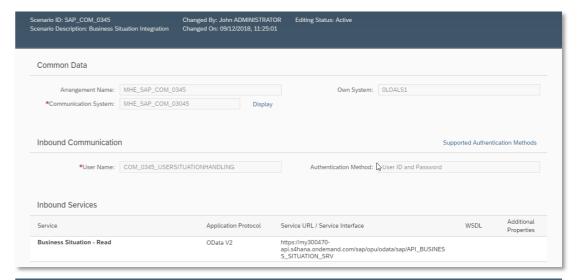
# Capture Situation Data Context (31N)

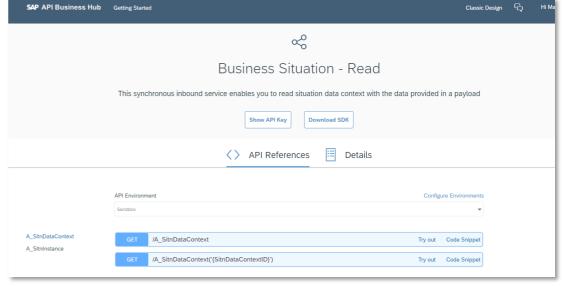
The feature Capture Situation Data Context enables you to use the analytical data of situations to improve continuously the intelligent ERP. This results in high quality supported human handling and automation with advanced analytics.

#### Key capabilities are:

- The Data Context Capture feature can be added to a situation template and activated in the ready-to-use situation type.
- The communication scenario SAP\_COM\_0345 supports the extraction of Situation Data Context via a white-listed API: API\_BUSINESS\_SITUATION\_SRV
- With 1811 this is currently available for "contract is ready for source of supply"

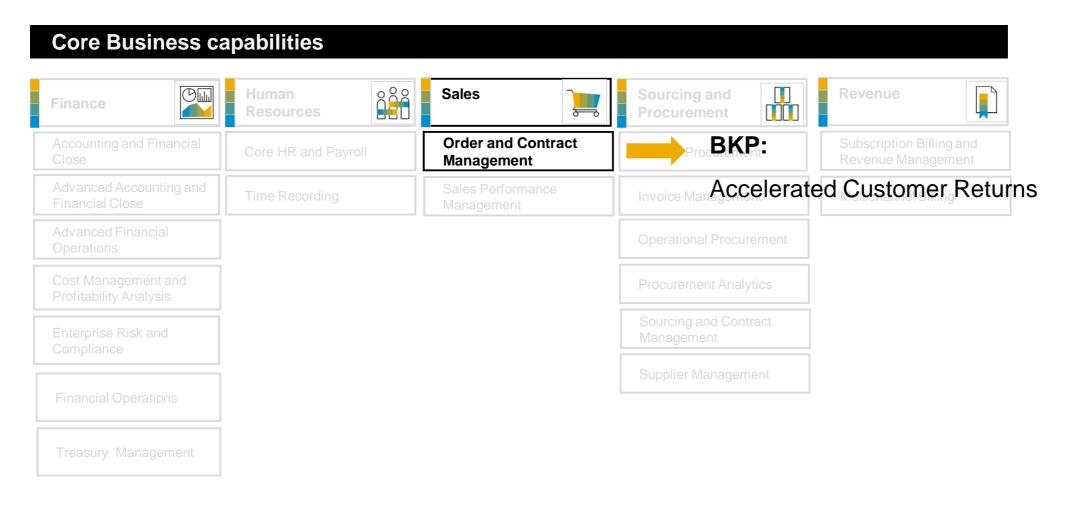
With the communication scenario you can extract the data context to a platform of your choice.





# SAP S/4HANA Cloud 1811 – Two-Tier ERP

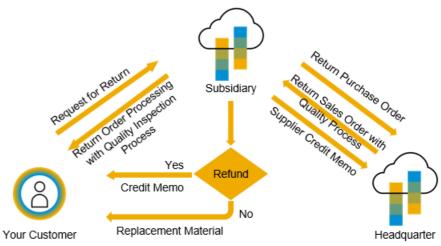
Business Area in Line of Business / Industry / Technology

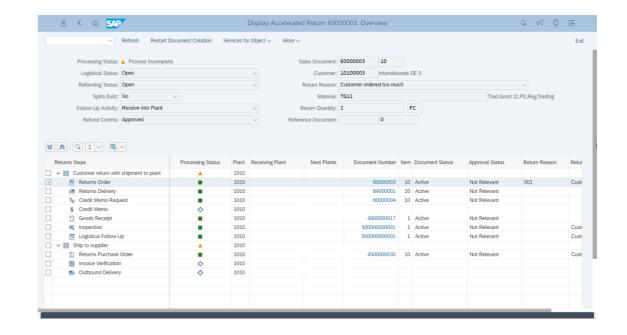


# B2B scenario for Accelerated Sales Returns in Two-Tier

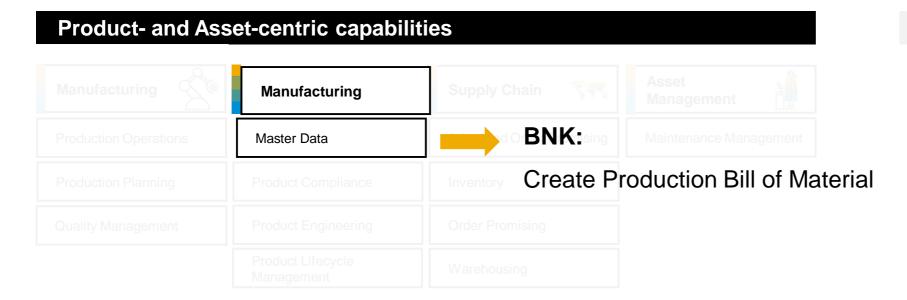
Create Production Bill of Material -- (BKP, 2EJ and 2EL)

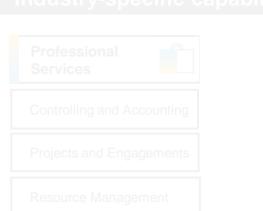
- Creation of Return Order by referring original billing document or sales order, auto creation of return delivery upon saving the return sales order
- Monitoring the return progress through the returns overview
- Inspection of goods at customer site
- Automatic creation of return purchase order for the product to be returned to seller system





Business Area in Line of Business / Industry / Technology







Line of Business / Industry / Technology

Business Area

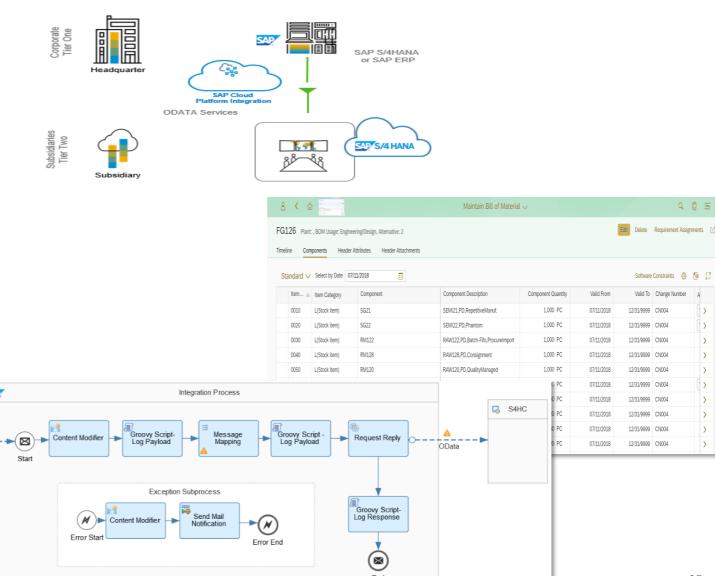
# Master Data Replication- Bill Of Material and Change Master

□ ERP

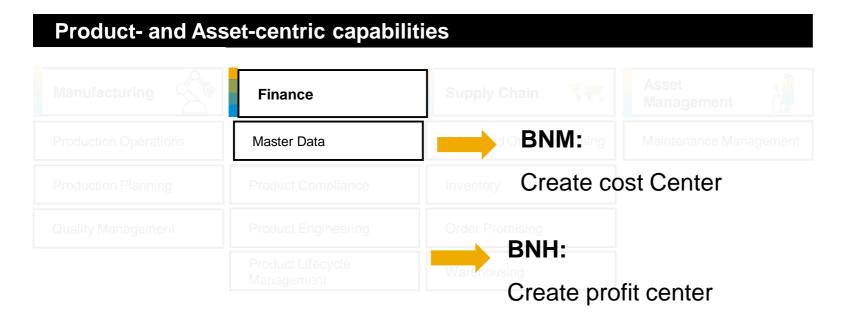
IDOC

Create Production Bill of Material -- (BNK)

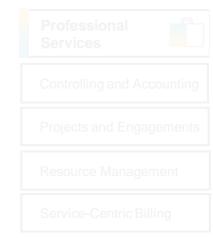
- Creation of Bill of Material & Change Master from On-premise system to S4HANA Cloud
- Change transfer from On-premise system to Cloud wrt BOM & Change Master.
- Trouble shooting based on AIF(Application Integration Framework) Monitor



Business Area in Line of Business / Industry / Technology



#### Industry-specific capabilities





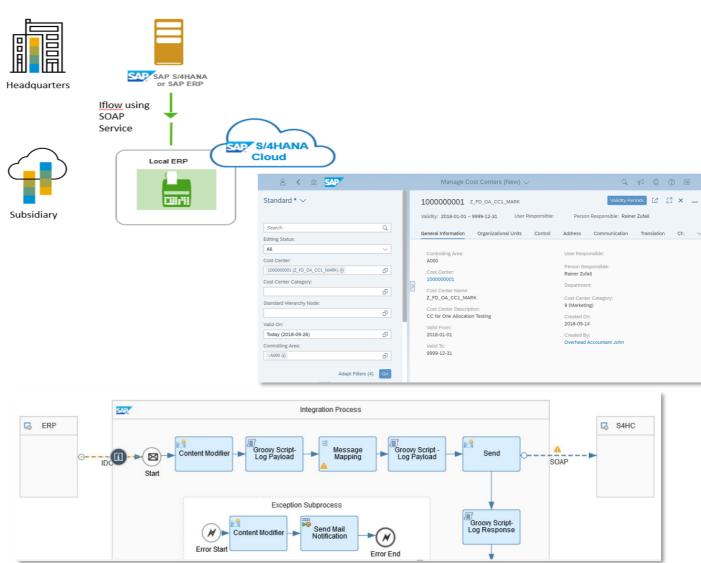
Line of Business / Industry / Technology

**Business Area** 

# Master Data Replication- Creation of Cost center and Profit center

Create Cost center (BNM) and Profit Center (BNH)

- Creation of Cost center/Profit center & Change Master from On-premise system to S4HANA Cloud
- Change transfer from On-premise system to Cloud wrt Cost center/Profit center & Change Master.



# Find out more and start your SAP S/4HANA Cloud journey at subsidiaries

2-Tier ERP SAP Press Book

2-Tier ERP openSAP course

Two-Tier ERP with SAP S/4HANA Cloud and deployment possibilities

2-Tier ERP YouTube Videos

2-Tier ERP Blogs

www.sapteched.com/online

www.sap.com/products

# SAP S/4HANA Cloud 1811 – Ux

## SAP Mobile Cards for S/4HANA Cloud

#### Now also available on Android.

SAP Mobile Cards on Google Play

- Makes access to your most important business content simple, instant and always available on mobile
- SAP Mobile Cards is a live & interactive, digital wallet experience for business
- Easy way to start consuming mobile & SAP Cloud Platform Mobile Services
- End users create and manage cards by adding them from their Fiori Launchpad.
- Supports creation of mobile card content from 3<sup>rd</sup> party systems accessible via REST



Video Demo Link
Best Practices Explorer
SAP Mobile Cards

# **Preparing for 1811: Next Steps**



- Continue the conversation and get answers to your questions in the <u>SAP S/4HANA Cloud</u> <u>Customer Community</u>
- Sign up to watch other 1811 early release webinars live or on demand
- Listen to our on demand webinar on how to get prepared for your quarterly release upgrade



- View latest <u>SAP S/4HANA Cloud Release Info</u>
- View <u>upgrade schedule for SAP S/4HANA Cloud</u>
- View <u>SAP service level agreement</u>
- Read about <u>upgrade specific frequently asked questions</u>
- Explore the Preliminary What's New document and What's New Viewer for SAP S/4HANA Cloud 1811 on the current Help Portal page of SAP S/4HANA Cloud 1808

# Where to go for more information?



Learn



**Engage** 



**Implement** 

#### SAP S/4HANA Cloud Release Info

Latest release highlights including videos and brochures



**Learning Journeys** 

**Learning Room** 

**Stay Current Program** 

# SAP S/4HANA Cloud Customer Community

Exclusive for existing customers & partners looking for deeper product knowledge and expertise

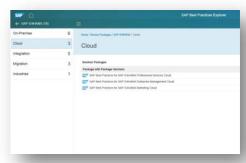


**SAP Community** 

**SAP Help Portal** 

# **Best Practices Explorer**

Benefit from predefined business processes & search, browse and consume SAP Best Practices



**SAP Transformation Navigator** 

**Roadmap Viewer** 

**SAP S/4HANA Cloud Trial** 

# **Questions?**

# Thank you.

Contact information:

SAP S/4HANA Cloud Product Management & Co-Innovation Team

https://go.sap.corp/SAPS4HANA

