



Using SAP S/4HANA Migration Cockpit for a New SAP S/4HANA Implementation

CAA205

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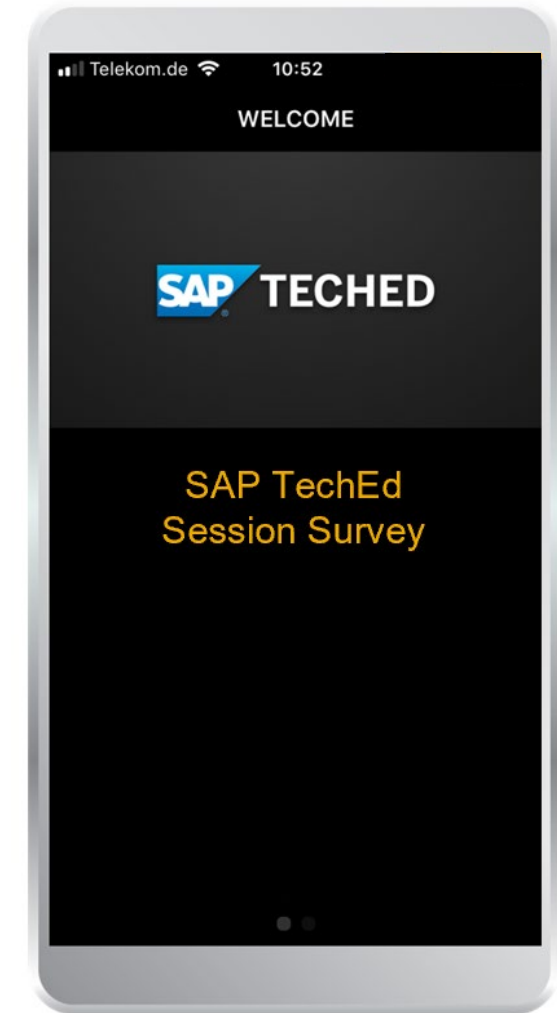
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Agenda

Introduction – Your way to SAP S/4HANA

SAP S/4HANA Migration Cockpit

- Overview
- File and Staging Approach
- New Migration Approach: Transfer Data Directly from SAP Source System
- Migration Objects
- Outlook

Further Information

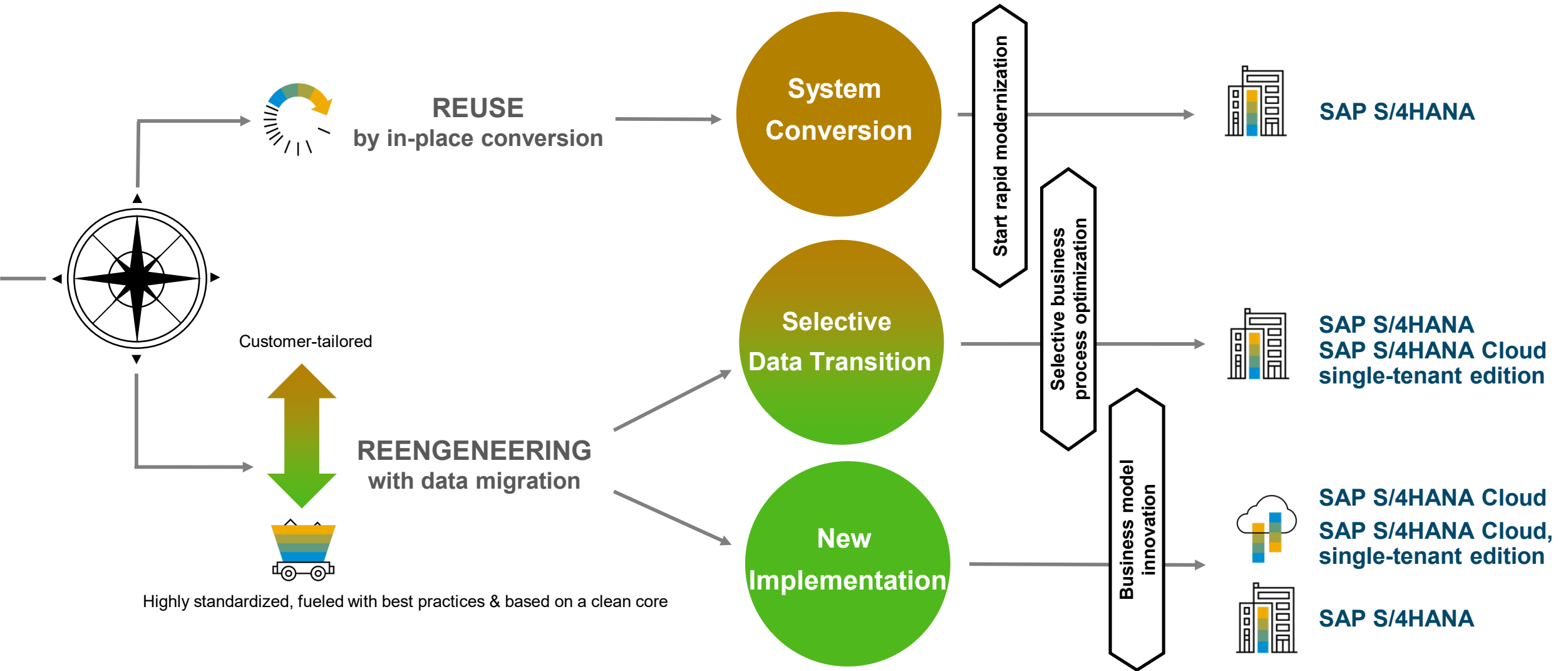
Key Takeaways



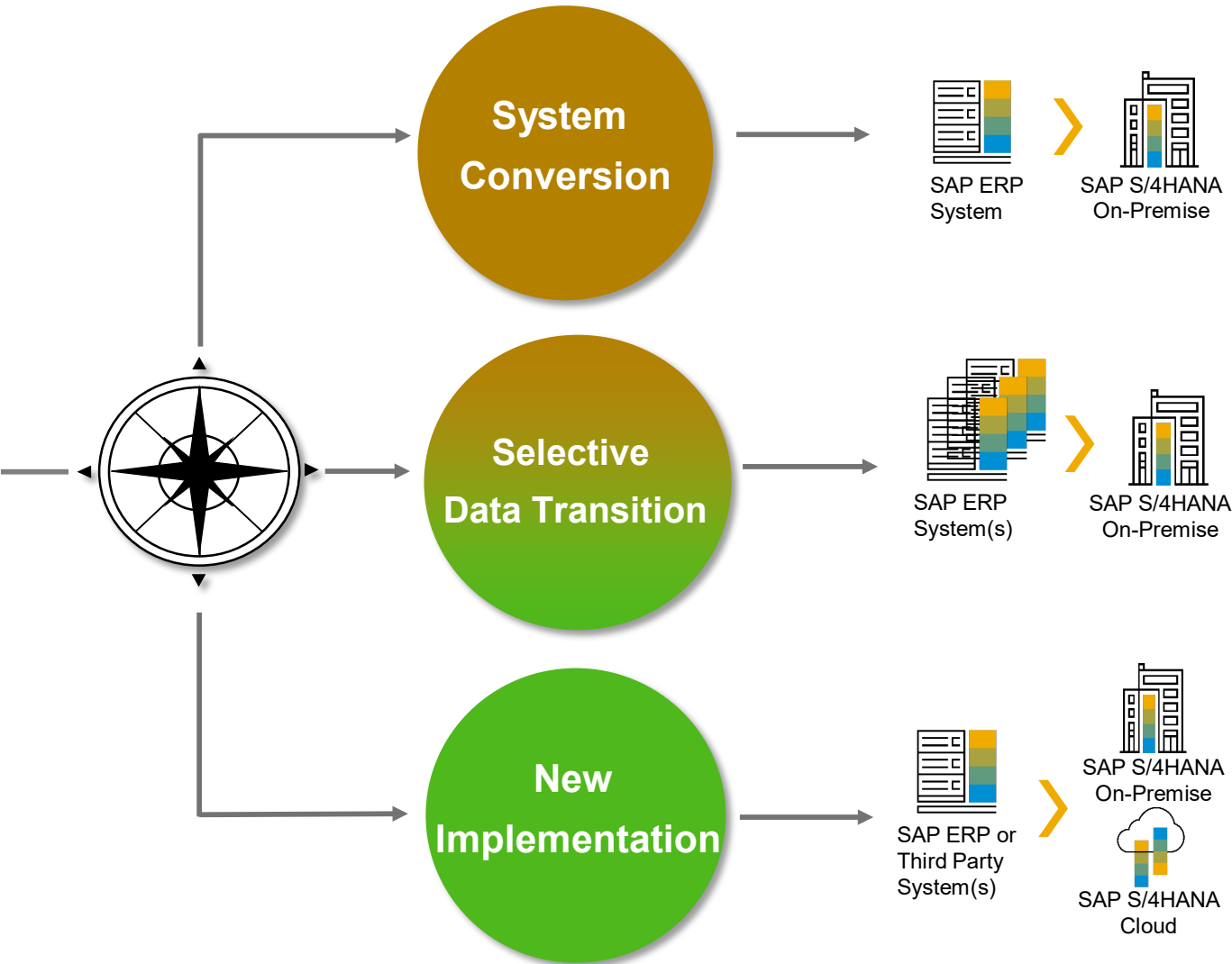
Introduction – Your way to SAP S/4HANA



Your way to SAP S/4HANA (1/3)



Your way to SAP S/4HANA (2/3)



Bring your business processes to the new platform

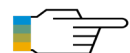
- A complete technical in-place conversion of an existing SAP ERP system to SAP S/4HANA
 - Adopt new innovations at your speed
- Delivery model: included in SAP S/4HANA shipment

Partly re-use, partly re-implementation

- Covers the migration of relevant business data from SAP ERP to SAP S/4HANA
 - Allows to combine redesign of business processes with retaining historical data
 - Realized by a combination of standard functions used for new implementation or system conversion together with complementing expert functions which are not released to general availability
- Delivery model: as a service / consulting project

New implementation / re-implementation

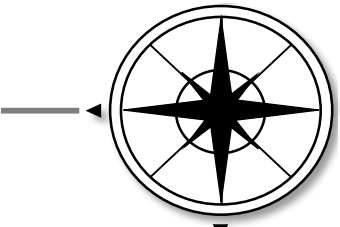
- Reengineering and process simplification based on latest innovations
 - Highly standardized, fueled with best practices & based on a clean core
 - Implement innovative business processes with preconfigured best practice content on an innovative platform
 - Migrate your master data & retire old landscape
- Delivery model: included in SAP S/4HANA shipment



Your way to SAP S/4HANA (3/3)

SAP S/4HANA Migration Cockpit

- Part of SAP S/4HANA and SAP S/4HANA Cloud (included in these licenses)
- Supports customers with the New Implementation scenario
- SAP's recommended approach for the migration of business data to SAP S/4HANA and SAP S/4HANA Cloud



**New
Implementation**



SAP ERP or
Third Party
System(s)



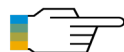
SAP S/4HANA
On-Premise



SAP S/4HANA
Cloud

New implementation / re-implementation

- Reengineering and process simplification based on latest innovations
 - Highly standardized, fueled with best practices & based on a clean core
 - Implement innovative business processes with preconfigured best practice content on an innovative platform
 - Migrate your master data & retire old landscape
- Delivery model: included in SAP S/4HANA shipment



SAP S/4HANA Migration Cockpit

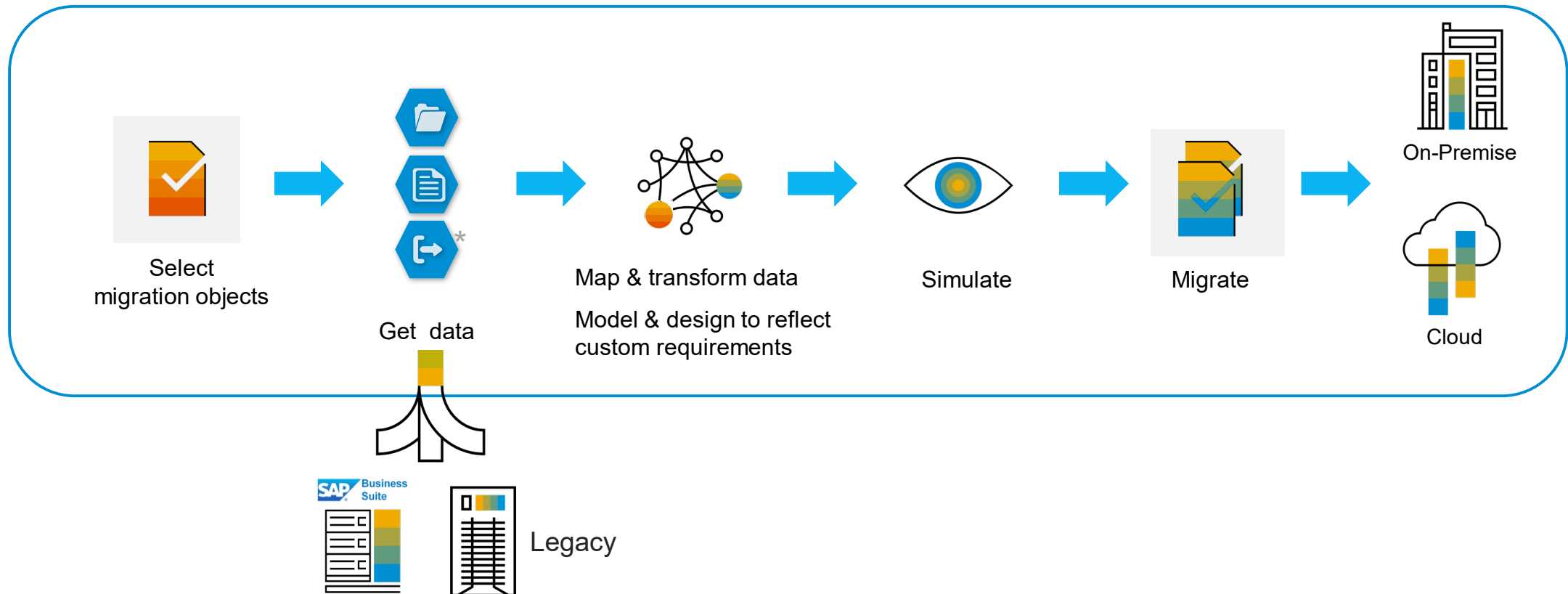
Overview



Data migration process for new implementation

Data Migration

- One key task during the transition to SAP S/4HANA.
- Make sure to understand your requirements early and plan for them accordingly.



SAP S/4HANA Migration Cockpit

Data migration to SAP S/4HANA **EASY** – **SAFE** – and **ACCELERATED**

Key Facilitators

- Preconfigured data migration: Can be used out of the box and does not require developer skills
- Step-by-step guidance through the migration process
- Preconfigured migration objects and rules
- Automatized cross-object value mapping
- Migration programs are automatically generated

Migration object modeler for custom requirements

- Powerful and easy-to-use state-of-the-art modeling environment (on-premise)

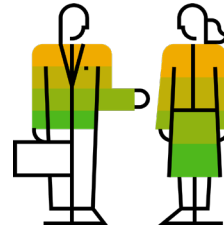


SAP S/4HANA Migration Cockpit – preconfigured migration content

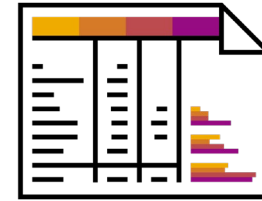
Key Benefits

- Content covers all best practice migration objects
- Preconfigured content and mapping for each migration object, e.g. bank, material master
- Predefined file templates and staging table definitions for each migration object and predefined selection criteria for direct data transfer
- Automated mapping between source and target structure
- Migration programs are automatically generated - no programming required by the customer
- Available for SAP S/4HANA and SAP S/4HANA Cloud, included in licenses

Customer



Account balances



Material



Pricing condition

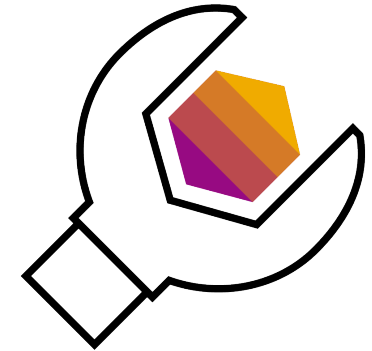


SAP S/4HANA Migration Cockpit - migration object modeler



Key Benefits

- Design functionality to easily integrate custom objects and enhancements into the migration project
- Integration of newly created objects:
 - Custom objects
 - SAP standard objects that are not yet in the scope of the SAP S/4HANA Migration Cockpit
- Customer-specific enhancements (e.g. add new fields) to SAP standard objects delivered with the SAP S/4HANA migration cockpit
- Data source:
 - Easily adjust input structure (file/staging)
 - Add or change migration object modeler's selection criteria (direct transfer)
- Use Standard APIs or code your function module
- Map structure and fields
- Available for SAP S/4HANA



SAP S/4HANA Migration Cockpit – three migration approaches



Transfer data using files

- Download template file for relevant migration object
- Populate file with relevant business data
- Upload file to the SAP S/4HANA migration cockpit



Transfer data using staging tables

- Staging tables are created automatically (in an SAP HANA DB schema)
- Populate staging tables with business data
- Transfer data from staging tables to target SAP S/4HANA system



Transfer data directly from SAP System (new with SAP S/4HANA 1909)

- Access source system database directly (ABAP-based SAP source systems only)
- Transfer data from SAP source system to target SAP S/4HANA system
- Supports data migration scenarios from other applications, e.g. from SAP Apparel and Footwear (SAP AFS) to SAP S/4 Fashion and Vertical Business



SAP S/4HANA Migration Cockpit

File / Staging



SAP S/4HANA Migration Cockpit – file and staging approach

Data provisioning

Template file upload



Staging



SAP S/4HANA Cloud 1908: 100+ ● ●

SAP S/4HANA 1909: 80+ ● ●



Business objects

Process & content

The screenshot displays the SAP S/4HANA Migration Cockpit interface. The top section shows a table of migration objects with columns for Status, Status Text, Name, Documentation, and Dependent Migration Object. Below this, a simulation step is shown for 'Migration of Customers (FILE2S4): Step 3 (Simulate Import)'. The simulation progress bar indicates steps: 1. Validate Data, 2. Convert Values, 3. Simulate Import (current), and 4. Execute Import. The simulation message states: 'The simulation checks the consistency of the source files. Review the log details and correct inconsistent values found in the source files.' Below this, a table of source files is shown with columns: File Name, Description, Size, Last changed by, and Last changed on. The table contains one entry: '20160601_CUSTOMER_data_demo...' with a size of 1.93 KB, last changed by '_SAPD028842', and last changed on '06/01/2016 14:08'. At the bottom, a section titled 'Notifications from Simulation' shows a list of warnings with columns: Description, Priority, and Created on. The warnings include: 'Test migration Z_CUSTOMR_056: no extended validations, no updates in receiver system' and 'Customer KH0002 is from an EU country; enter a VAT registration number', both with a priority of 'Warning' and created on '06/01/2016...'.

Data load



API based



SAP S/4HANA Cloud



SAP S/4HANA

SAP S/4HANA Migration Cockpit – xml template

Important Information

- Enter legacy data in generated XML file template for the selected migration object
- Default size limit for each uploaded XML or ZIP file is 100 MB
- The Knowledge Base Article [KBA 2719524](#) contains further information about increasing file size limits for SAP S/4HANA and zipping files for SAP S/4HANA Cloud and SAP S/4HANA

Recommendations

- Read introduction and check field list before starting filling the template
- Unhide and read the tooltips (line 8)
- Copy and paste values only using the following options:
 - Paste option then Values (V) - within XML file
 - Paste special and then choose Text - from somewhere else
 - Paste option then keep text only - from notepad/text editor

Migration file template for bank

12

1

2

3

4

5

6

7

Field List for Migration Object: Bank

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3

4

5

6

7

8

9

10

11

12

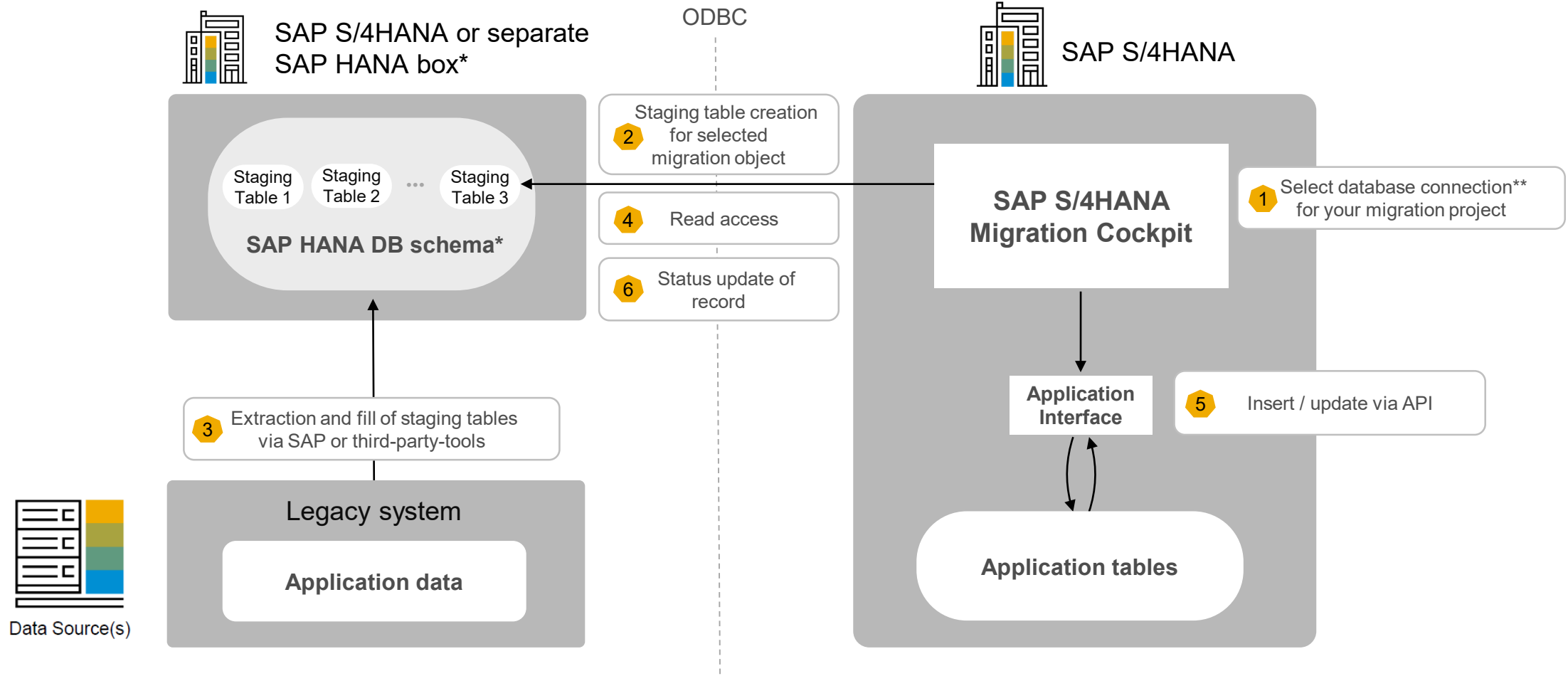
Sheet Name	Group Name	Field Description	Importance	Type	Length
Bank Master (mandatory)					
	Key	Bank country key	mandatory for sheet	Text	80
		Bank key	mandatory for sheet	Text	80
	Address	Name of bank	mandatory for sheet	Text	60
		Region (State, Province, Country)		Text	80
		House number and street		Text	35
		City		Text	35
		Bank branch		Text	40

IntroductionField ListBank Master

Banks	Key	Address
BANKL	BANKA	PROVZ
STRAS		
Bank country key* Identifies the country in which the bank is located. The country key defines the rules according to which bank data, such as the bank and account number, is to be validated. Type: Text Length: 80	Bank key* In this field, you specify the bank key under which bank data from the respective country is stored. The length of bank key is decided on bank country. For example, if bank country is DE, length of bank key must have length 8; if bank country is IT, length of bank key must have length 10. Type: Text Length: 80	Name of bank* Type: Text Length: 60 Region (State, Province, Country) In some countries, the region forms part of the address. The meaning depends on the country. Type: Text Length: 80 House number and street Street and house number as part of the address. Type: Text Length: 35

SAP S/4HANA Migration Cockpit - transfer data using staging tables

System setup SAP S/4HANA

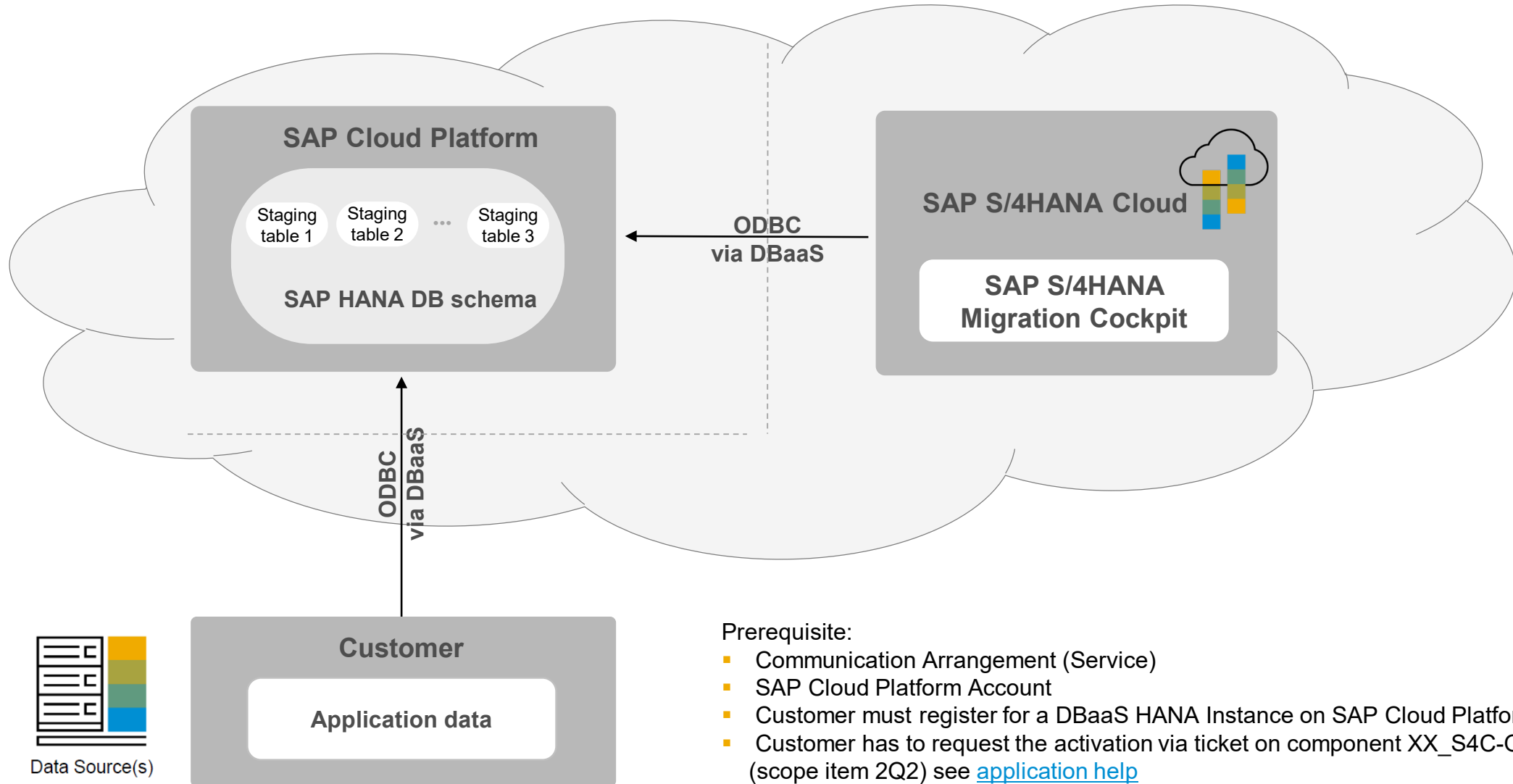


* Separate SAP HANA database schema is required, can also be on SAP S/4HANA target system

** Prerequisite: established secondary database connection

SAP S/4HANA Migration Cockpit - transfer data using staging tables

System setup SAP S/4HANA Cloud



Prerequisite:

- Communication Arrangement (Service)
- SAP Cloud Platform Account
- Customer must register for a DBaaS HANA Instance on SAP Cloud Platform
- Customer has to request the activation via ticket on component XX_S4C-OPR-SRV (scope item 2Q2) see [application help](#)

SAP S/4HANA Migration Cockpit and migration object modeler

New features with SAP S/4HANA Cloud 1902 / SAP S/4HANA 1809 FPS1

New Features

- Simulation and debugging functionality in migration object modeler - LTMOM
- Mapping table for staging table names
Table /1LT/DS_MAPPING
 - Contains mapping information about the migration object, source structure and staging table name.
 - To determine staging table names after copying a project from a quality to production system.
 - Can use these table names in scripts or applications to populate the staging tables

	S...	MT_ID	COBJ_IDENT	STRUCT_IDENT	STAGING_TAB
1	E...	ORI	Z_BANK_MASTER_ORI	S_BNKA	/1LT/DSER1006079
2	E...	OVG	Z_BANK_MASTER_OVG	S_BNKA	/1LT/DSER1006098
3	E...	OVI	Z_BANK_MASTER_OVI	S_BNKA	/1LT/DSER1006101
4	E...	OVW	Z_BANK_MASTER_OVW	S_BNKA	/1LT/DSER1006099
5	E...	OWC	Z_BANK_MASTER_OWC	S_BNKA	/1LT/DSER1006205
6	E...	OWG	Z_BANK_MASTER_OWG	S_BNKA	/1LT/DSER1006206

New Migration Approach

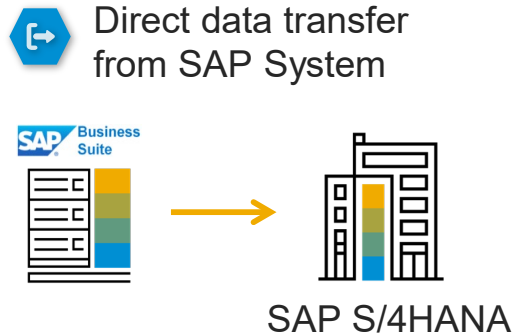
Transfer data directly from SAP system



SAP S/4HANA Migration Cockpit – transfer data directly from SAP systems

New migration approach with SAP S/4HANA 1909

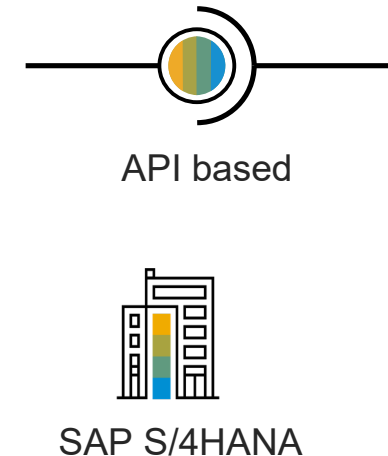
Data Provisioning



Process & Content

Finance Migration to S/4						
Migration Approach: Migrate Data Directly from SAP System				Connection to Source System: UA8950CLNTQKC		
Show All	Search		Actions	Show Activity Tracking		
Migration Object	Data	Mapping Tasks	Simulation	Migration	Migration Progress	Action
☐ FI-CO Activity type	Instances: 23	Open: 0	Errors: 0	Errors: 0		
☐ 1 Predecessor Objects	Excluded: 1	Done: 3	Successful: 0	Successful: 22	100%	Migrate
5 Background Jobs				Not Started: 0		
☐ FI-CO Cost center	Instances: 27	Open: 0	Errors: 0	Errors: 6		
☐ 5 Background Jobs	Excluded: 0	Done: 9	Successful: 0	Successful: 21	77.78%	Migrate
				Not Started: 0		

Data Load



SAP S/4HANA1909: 100+ 

 Business objects

SAP ERP 6.0 to SAP S/4HANA

SAP Apparel and Footwear Solution (SAP AFS) 6.0 to SAP S/4HANA

SAP Extended Warehouse Management to Decentralized EWM

SAP S/4HANA Migration Cockpit – transfer data directly from SAP systems

Create new migration project

New Migration Project

Migration Approach: Migrate Data Directly from SAP System

Header Select Data Migration Objects

*Name:
New Migration Project

*Scenario:
SAP ERP to SAP S/4HANA
SAP Apparel and Footwear (SAP AFS) to SAP S/4HANA
SAP ERP to SAP S/4HANA
SAP EWM to Decentralized EWM

Select Data

*Company Code:
0001 (SAP A.G.) x

Migration Objects

Note that you can add additional migration objects after you create a project

Items (103)

☐ Name	Dependencies	Used in Projects	Description
☐ Batch (if Batch is unique at material level)	10	14	Description
☐ Batch (if Batch is unique at plant level)	10	11	Description
☐ Business partner	10	33	Description
☐ Catalog code group and code	25	27	Description
☐ Characteristic	19	40	Description
☐ Class	19	35	Description
☐ Customer	13	43	Description
☐ Customer Material Info Record	10	19	Description

Selection of relevant scenario:

- SAP ERP to SAP S/4HANA
- SAP AFS to SAP S/4HANA
- SAP EWM to Decentralized EWM based on SAP S/4HANA

Preconfigured data selection based on key organization units, depending on migration scenario, e.g. company codes for SAP ERP to SAP S/4HANA

Preconfigured migration content:

You can choose from the list of available migration objects relevant for the selected scenario

SAP S/4HANA Migration Cockpit – transfer data directly from SAP systems

Maintain value mapping

The screenshot displays the SAP S/4HANA Migration Cockpit interface for maintaining value mappings. The left sidebar shows a list of mapping tasks, with 'Business Area' selected and marked as 'To be confirmed'. The main area shows the 'Business Area' details, including its status and description. Below this is a table of values for mapping, with columns for Source Business Area, Target Business Area, Status, and Action. The 'Target Business Area' column is highlighted, and a black arrow points from it to a pop-up F4 help window. This window shows a list of existing values in the SAP S/4HANA target system, with a search bar and a 'More' link at the bottom.

Mapping Task... Migration Object: FI-CO Cost center

Mapping Tasks (9) To be confirmed (7) Co: > v

Search [] [] [] []

Mapping Tasks Status

Cost Center Category Confirmed >

Type: Value Mapping
Values: 7

Business Area To be confirmed >

Type: Value Mapping
Values: 6

Controlling Area Confirmed >

Type: Value Mapping
Values: 1

Logical System To be confirmed >

Type: Value Mapping
Values: 1

Profit Center To be confirmed >

Type: Value Mapping
Values: 6

Cost Center Group To be confirmed >

Type: Value Mapping
Values: 7

Cost Center To be confirmed >

Type: Value Mapping
Values: 25

User Responsible To be confirmed >

Type: Value Mapping
Values: 4

Company Code To be confirmed >

Type: Value Mapping
Values: 1

Business Area

Status: To be confirmed
Type: Value Mapping
Used in: Migration Objects

Description: Document

Values Technical Information

Values (6)

Search [] Confirm [] [] []

Source Business Area	Target Business Area	Status	Action
<Blank>	<Blank>	To be confirmed	Confirm
0001	0001	To be confirmed	Confirm
F001	F001	To be confirmed	Confirm
F002	F002	To be confirmed	Confirm
KK11	KK11	To be confirmed	Confirm
Z0B2	Z0B2	To be confirmed	Confirm

F4 help provides existing values in the SAP S/4HANA target system

Target value

Search []

Target value	Description
0001	Turkmen
1000	FIORI Spec Business Area
1500	Consumer Products Food
2000	Busa 1000
2350	License C36
2351	License C37
2352	GLP C9
2354	Corporate
2399	General
2700	Mechanical engineering
3000	Busa 3000
3400	Metal, Wood and Paper
3500	Aerospace & Defence
4000	Busa 4000
4500	Engineering & Construction
5000	Consumer Products Non Food
6000	Pharmaceuticals
7000	Electronic Products
8000	External Services
9000	Accessories

More

You can specify value mappings and transform values from the source system to the target system.

SAP S/4HANA Migration Cockpit – transfer data directly from SAP systems

Migration process

Finance Migration to S/4

Mapping Tasks

Settings

Finish

Migration Approach: Migrate Data Directly from SAP System

Connection to Source System: UA8950CLNTQKC

Show All

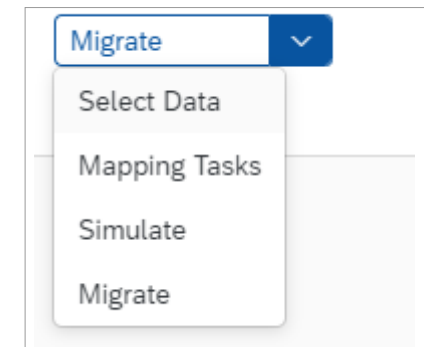
Search

Actions

Show Activity Tracking

☐ Migration Object	Data	Mapping Tasks	Simulation	Migration	Migration Progress	Action
FI-CO Activity type ☐ 1 Predecessor Objects 5 Background Jobs	Instances: 23	Open: 0	Errors: 0	Errors: 0	100%	Migrate
FI-CO Cost center ☐ 5 Background Jobs	Instances: 27	Open: 0	Errors: 0	Errors: 6 Successful: 21 Not Started: 0	77.78%	Migrate

The migration cockpit guides you through the various steps of the data migration, but you can also flexibly choose which steps you want to do next (select, simulate, migrate).



SAP S/4HANA Migration Cockpit – transfer data directly from SAP systems

Migration process with activity tracking

Finance Migration to S/4

Mapping Tasks Settings Finish

Migration Approach: Migrate Data Directly from SAP System Connection to Source System: UA8950CLNTQKC

Show All

Search

Actions

Hide Activity Tracking

↑↓

☐ Migration Object	Data	Mapping Tasks	Simulation	Migration	
FI-CO Activity type	Instances: 23	Open: 0	Errors: 0	Errors: 0	
☐ 1 Predecessor Objects	Excluded: 1	Done: 3	Successful: 0	Successful: 22	>
5 Background Jobs				Not Started: 0	
Migration Progress:					
100%					
Action:					
Migrate					
FI-CO Cost center	Instances: 27	Open: 0	Errors: 5	Errors: 0	
☐ 5 Background Jobs	Excluded: 0	Done: 9	Successful: 22	Successful: 0	>
				Not Started: 27	
Migration Progress:					
Migration Not Started					
Action:					
Migrate					

Activity Tracking

Active (1) Completed (17) ...

FI-CO Cost center

Activity: Simulate data

Status: Started

Date/Time: 20.08.2019, 12:22

100%

27 of 27 processed

Demo

Migrate Data Directly from SAP Source



SAP S/4HANA Migration Cockpit – comparison of migration approaches



Transfer Data Using Files



Transfer Data Using Staging Tables



Transfer Data Directly from SAP System

-
- | | | |
|--|---|--|
| <ul style="list-style-type: none">▪ Available for SAP S/4HANA and for SAP S/4HANA Cloud▪ Suitable for any source system (SAP or non-SAP)▪ For small and medium amounts of data | <ul style="list-style-type: none">▪ Available for SAP S/4HANA and for SAP S/4HANA Cloud▪ Suitable for any source system (SAP or non-SAP)▪ For large volumes of data | <ul style="list-style-type: none">▪ Available for SAP S/4HANA▪ Suitable for ABAP-based SAP source systems only▪ For any volume of data |
|--|---|--|

SAP S/4HANA Migration Cockpit

Migration Objects



SAP S/4HANA Migration Cockpit

Preconfigured migration objects SAP S/4HANA 1909 (files / staging / direct transfer)

Available Migration Objects

You can use the following table to gain an overview of all migration objects available for SAP S/4HANA. It is sorted in alphabetical order by [Migration Cockpit Object Name](#). Choose a migration object name to navigate to the corresponding documentation for the migration object.

Note

The migration object documentation for the **Transferring Data Directly from an SAP System** migration approach is currently only available in the system.

Use the search field in the relevant column to search for a specific **Migration Cockpit Object Name** or **Business Object Name**.

Choose **Filter** to apply further filters for **Master data** and/or **Transactional data** in the **Business Object Type** column, and for the application component in the **Component** column to narrow down the results list. If you want to see more or less information, choose **Show/hide columns**, and select the respective checkboxes for the columns you would like to show or hide.

Tip

Filter the **Migration Approach** column to only see migration objects relevant for you. Therefore, choose **Filter** in the respective column, and select the required approach, **Direct Transfer**, **File**, or **Staging Table**.

Show/hide columns Show 25 entries. Previous 1 2 3 4 5 ... 8 Next

Search: Search the entire table

Migration Cockpit Object Name	Business Object Name	Business Object Type	Migration Approach	Component
Activity price	Activity Price	Master data	File Staging Table	CO
Activity type	Activity Type	Master data	File Staging Table	CO

Filter for migration approach:

Migration Cockpit Object Name	Business Object Name	Business Object Type	Migration Approach	Component
Search within the column	Search within the column	Filter	Filter	Filter
Batch (if Batch is unique at material level)	Batch (if Batch is unique at material level)	Select All Clear Filter ☒ Direct Transfer ☐ File ☐ Staging Table		
Batch (if Batch is unique at plant level)	Batch (if Batch is unique at plant level)			
Business partner	Business partner	Master data	Direct Transfer	AP-MD-BP
Catalog code group and code	Catalog code group and code	Master data	Direct Transfer	QM
Characteristic	Characteristic	Master data	Direct Transfer	CA-CL
Class	Class	Master data	Direct Transfer	CA-CL-CLS
Customer	Customer	Master data	Direct Transfer	LO-MD-BP
Customer Material Info Record	Customer Material Info Record	Master data	Direct Transfer	SD-BF



[Migration object list in SAP Help Portal](#)

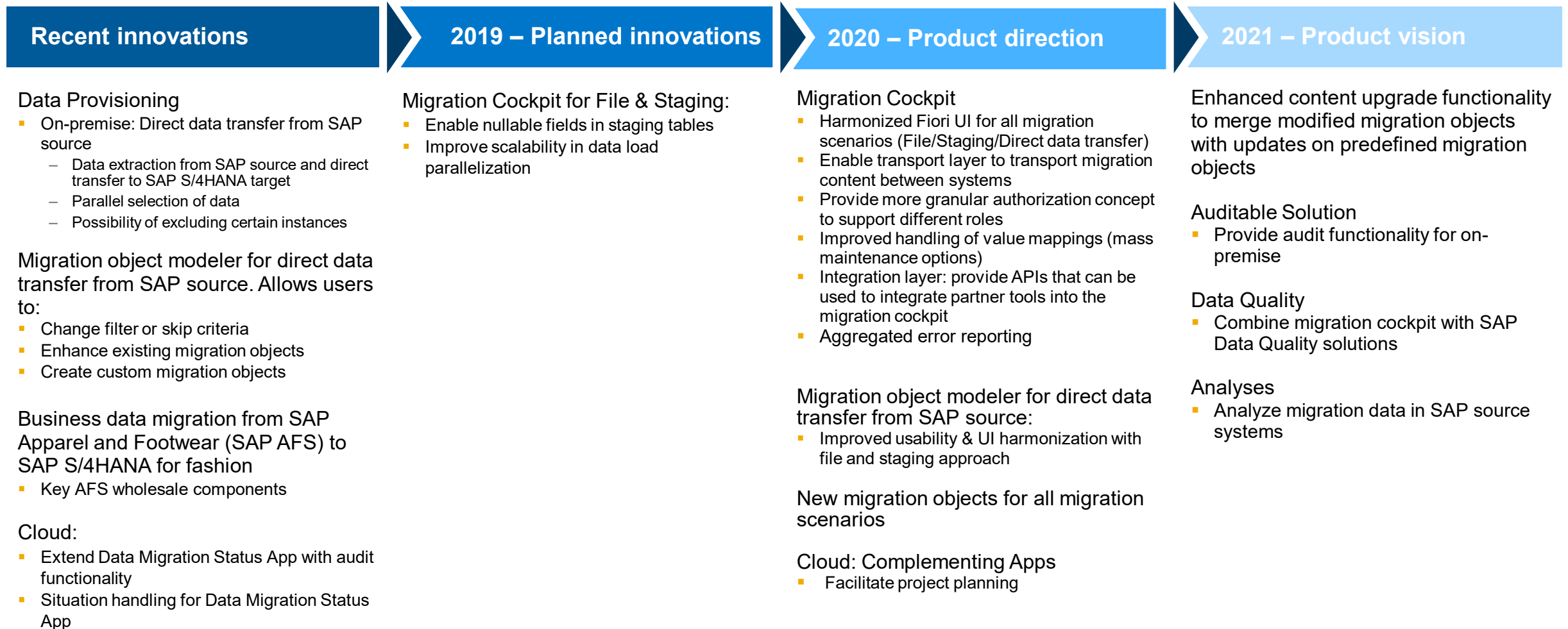
SAP S/4HANA Migration Cockpit

Outlook



SAP S/4HANA Migration Cockpit

Product road map overview



This is the current state of planning and may be changed by SAP at any time.

SAP S/4HANA Migration Cockpit

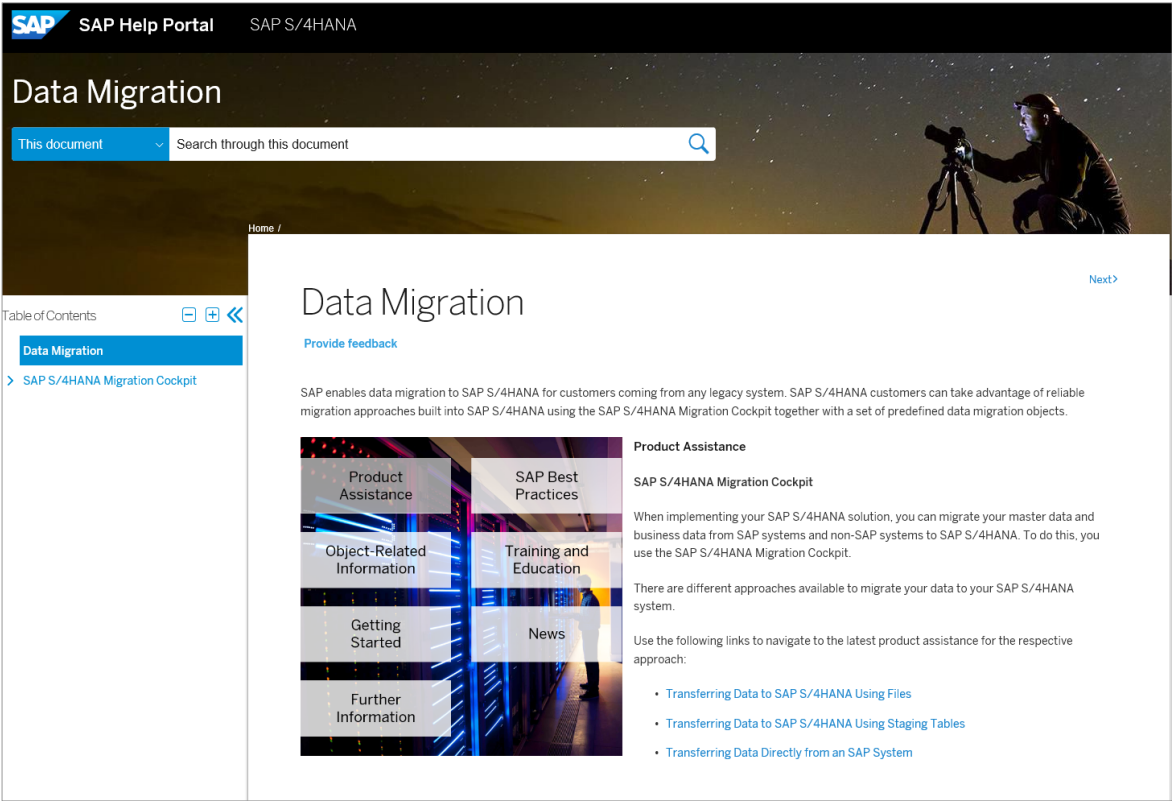
Further Information



Further Information

[Application Help SAP S/4HANA Migration Cockpit SAP S/4HANA 1909](#)

[Data Migration Landing Page SAP S/4HANA 1909](#)

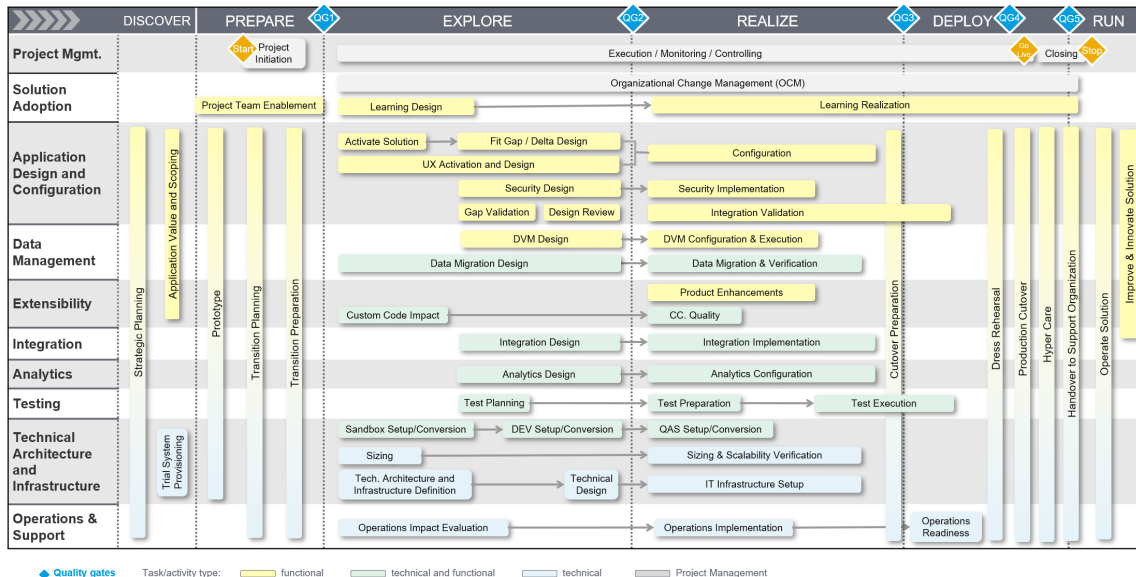


New with SAP S/4HANA 1909

SAP supports you on your way to SAP S/4HANA

Transition to SAP S/4HANA road map:

- **Best-practices project documentation in the road map viewer for all SAP customers** to transition to SAP S/4HANA
- Graphical overview and structured documentation of an implementation or conversion project, including project file templates
- Help for customers, partners, and SAP to prepare and run transition projects according to SAP Best Practices
- Accelerators link to more detailed information, blogs, templates, and training
- **Links from project activities and tasks to services**
➔ **Your guidance for SAP Support offerings**



Ask for **SAP service offerings**

If you want SAP to support and safeguard your project, ask your account representative for SAP service offerings: SAP Value Assurance, SAP MaxAttention, and SAP ActiveAttention services.

SAP Digital Business Services

Project Success

- SAP Advisory Services
- SAP Innovation Services
- SAP Advanced Deployment
- SAP Value Assurance
- SAP Innovative Business Solutions



Continuous Success

- Managed Services
- SAP Preferred Success
- SAP Enterprise Support
- Education Services

Premium Success

- The New SAP MaxAttention
- SAP ActiveAttention

For more information, please visit us online:

- www.sap-digital-business-services.com/offerings/sap-value-assurance
- www.sap.com/maxattention
- www.sap.com/activeattention

Check our Webinars on the transition to SAP S/4HANA:

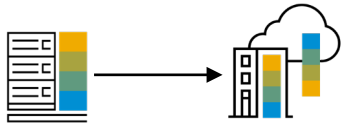
<https://webinars.sap.com/sap-user-groups-k4u/en/s4hana11>

SAP S/4HANA Migration Cockpit

Key Takeaways



Facilitate Migration Projects with SAP S/4HANA Migration Cockpit



1. Tool of choice for migration to SAP S/4HANA

- Part of SAP S/4HANA and SAP S/4HANA Cloud (included in these licenses)
- Ready-to-use solution
- Support for customers with new implementations



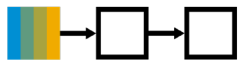
2. Preconfigured migration content specific to SAP S/4HANA

- Comprehensive set of preconfigured migration objects, such as customers, suppliers, and so on
- Automated mapping between source data and SAP S/4HANA target values



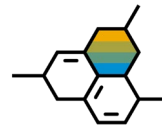
3. Integrated in SAP Activate methodology

- Proven methodology integrated in SAP Activate road map: *Transition to SAP S/4HANA*
- Part of the SAP Model Company service
- Best practices



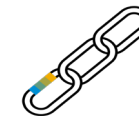
4. Easy and safe migration

- Direct data transfer from SAP source systems (new with SAP S/4HANA 1909)
- Step-by-step guidance through the migration process
- Template files for each migration object
- Data validation to ensure high-data quality and consistency



5. Flexible and extendable

- Migration object modeler for custom requirements
- Ability to extend existing SAP migration objects
- Integration of custom objects



6. Outlook

- Automated validation of migration results
- Facilitated auditing
- Complementing Apps for SAP S/4HANA Cloud
- Data cleansing and integration with MDG

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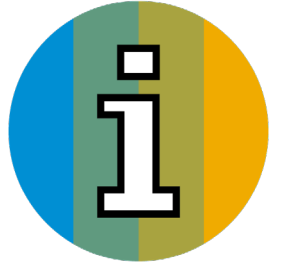


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More information



Related SAP TechEd Learning Journeys

- CAA3 - Move to SAP S/4HANA
 - CAA4 - Get to SAP S/4HANA Cloud
-

Related SAP TechEd sessions

- CAA114 Paths for Transitioning to SAP S/4HANA
 - CAA222 ASUG: SAP S/4HANA Migration Influence Council Session
 - CAA363 Explore the New Functionality of SAP S/4HANA Migration Cockpit
 - CAA804 Road Map for SAP S/4HANA Cloud
 - DAT362 Explore How to Use Next-Generation Data Management Tools for Data Migration
 - LT105 Tips and Tricks on How to Migrate Data to SAP S/4HANA Cloud
-

Public SAP Web sites

- SAP Community: www.sap.com/community
- SAP products: www.sap.com/products
- SAP Help Portal: [Application Help SAP S/4HANA Migration Cockpit](#)
- SAP Help Portal: [Data Migration Landing Page](#)



Thanks for attending **this session.**



Feedback

Please complete your session evaluation for **CAA205**.

Contact for further topic inquiries

SAP_S4HANA_Migration_Cockpit@sap.com

Appendix



SAP S/4HANA Migration Cockpit – direct transfer (SAP S/4HANA 1909)

Preconfigured migration objects I (SAP ERP to SAP S/4HANA)



Controlling

- FI-CO Activity group
- FI-CO Activity type
- FI-CO Activity type – price planning
- FI-CO Business process
- FI-CO Business process group
- FI-CO Cost center
- FI-CO Cost center standard hierarchy and groups
- FI-CO Cost element group
- FI-CO Internal order
- FI-CO Profit center
- FI-CO Profit center standard hierarchy and groups
- FI-CO Secondary cost element
- FI-CO Statistical key figure

Financials - General Ledger

- FI-AA Fixed Asset- including Balance
- FI-GL Account Balance - classic GL
- FI-GL Account Balance - new GL
- FI-GL Bank account
- FI-GL Bank Key
- FI-GL Customer Open Item - classic GL
- FI-GL Customer Open Item - new GL
- FI-GL Exchange rate
- FI-GL General Ledger Account
- FI-GL House bank
- FI-GL Open Item - classic GL
- FI-GL Open Item - ledger group specific
- FI-GL Open Item - new GL
- FI-GL Vendor Open Item - classic GL
- FI-GL Vendor Open Item - new GL

Treasury and Risk Management

- FI-TRM Additional flow
- FI-TRM Commercial paper
- FI-TRM Condition details
- FI-TRM Foreign exchange collar contract
- FI-TRM Foreign exchange option
- FI-TRM Foreign exchange spot/forward contract
- FI-TRM Foreign exchange swap contract
- FI-TRM Interest rate instrument
- FI-TRM OTC Interest rate derivative swap
- FI-TRM Payment details
- FI-TRM Settlement

SAP S/4HANA Migration Cockpit – direct transfer (SAP S/4HANA 1909)

Preconfigured migration objects I (SAP ERP to SAP S/4HANA)



Logistics

Batch (if Batch is unique at material level)
Batch (if Batch is unique at plant level)
Material
Material commodity
Material MRP Area
Production Version
Sales Order BOM
VC - Configuration profile
VC - Material variant
VC - Object Dependency & Dependency Net
Vendor
Work Center

Materials Management

Material inventory balance
Purchasing contract
Purchasing info record
Purchase Order (only open PO)
Purchase Requisition (only open PR)
Pricing condition (Purchasing and Sales)
Scheduling agreement
Service entry sheet
Service Master
Source List

Plant Maintenance

Equipment
Equipment BOM
Equipment Task List
Functional Location
Functional Location BOM
Functional Location Task List
General task list
Maintenance item
Maintenance plan
Measuring point

Production Planning

Material BOM
Material consumption
Material classification
Planned independent requirement
Production order
Routing

SAP S/4HANA Migration Cockpit – direct transfer (SAP S/4HANA 1909)

Preconfigured migration objects III (SAP ERP to SAP S/4HANA)



Sales and Distribution

- Customer
- Customer Material Info Record
- Customer quotation
- Pricing condition (purchasing and sales)
- Sales Order (only open SO)
- Sales Contract

Quality Management

- Inspection catalog selected set code
- Inspection catalog selected sets
- Inspection method
- Inspection plan
- Inspection setup
- Master inspection characteristics
- Quality info record

Cross Application

- Business Partner
- Characteristic
- Class
- Engineering change number

Project Systems

- Project
- Project system - Network

SAP S/4HANA Migration Cockpit – direct transfer (SAP S/4HANA 1909)

Preconfigured migration objects I (SAP AFS to SAP S/4HANA)



Controlling

- FI-CO Activity Group
- FI-CO Activity Type
- FI-CO Activity Type–Price Planning
- FI-CO Business Process
- FI-CO Business Process Group
- FI-CO Cost Center
- FI-CO Cost Center Standard Hierarchy & Group
- FI-CO Cost Element Group
- FI-CO Internal Order
- FI-CO Profit Center
- FI-CO Profit Center Standard Hierarchy & Group
- FI-CO Secondary Cost Element
- FI-CO Statistical Key Figure

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- FI-GL Exchange Rate
- FI-GL General Ledger Account
- FI-GL Open Item - classic GL
- FI-GL Open Item - ledger group specific
- FI-GL Open Item - new GL
- FI-GL Vendor Open Item - classic GL
- FI-GL Vendor Open Item - new GL
- House Bank

Application Platform

- Purchase Grid Article
- Purchase Grid for plants and articles
- Purchase Grid for Pur.Org., Vendor & Articles
- Purchase Grid for Purchasing Org and Articles
- Purchasing contract
- Sales Grid for Articles
- Sales Grid: S.Org, Dist.Ch, Cust. Grp & Article
- Sales Grid: S.Org, Dist.Ch, Customer & Article
- Sales Grid: Sales Org, Dist. Channel & Article
- Segmentation default values
- Segmentation structure
- Segmentation strategy

SAP S/4HANA Migration Cockpit – direct transfer (SAP S/4HANA 1909)

Preconfigured migration objects II (SAP AFS to SAP S/4HANA)



Logistics

Batch at plant level
Configuration class for Material Grid
Customer
Equipment
Quantity Distribution Profile
VAS (Sales Area and Customer)
VAS (Sales Area, Customer Group and Material)
VAS (Sales Area, Customer and Material)
Vendor

Materials Management

Article
Material BOM
Material Inventory balance
Purchase Order (only open PO)
Purchasing Info Record

Production Planning

Planned Indep. Requirement at Material Level
Planned Indep. Requirement at SKU Level
Planned Independent Requirement
Routing-Task List
Work Center
Source list

Sales and Distribution

Customer
Pricing Condition (purchasing and sales)
Sales contract
Sales Order (only open SO)
Sales Order BOM
Scheduling agreement

Cross Application

Characteristics for Dimensions
Characteristics for Non-Dimensions
Classification for batches
Engineering Change Numbers

Industry Specific

Distribution curve
Distribution curve condition
Season

SAP S/4HANA Migration Cockpit – direct transfer (SAP S/4HANA 1909)

Preconfigured migration objects (SAP EWM to SAP S/4HANA)



On-Premise

Decentralized Extended Warehouse Management

Warehouse Fixed Bin Assignments

Warehouse Product

Warehouse Stock

Warehouse Storage Bin

Warehouse Storage Bin Sorting

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