SAP S/4HANA Migration Cockpit

June 2019
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Agenda

Overview

Functions and Features

Different Migration Approaches
- Transfer Data using Files
- Transfer Data using Staging Tables
- Transfer Data Directly from SAP Source System (piloting within Customer Care Program)

Migration Objects

Outlook

Further Information
Overview
Your way to SAP S/4HANA

New Implementation

System Conversion

SAP S/4HANA Migration Cockpit

SAP S/4HANA Cloud
SAP S/4HANA Cloud, single-tenant edition

SAP S/4HANA

SAP S/4HANA

SAP S/4HANA

Your way to SAP S/4HANA
Your way to SAP S/4HANA

New Implementation

System Conversion

Selective Data Transition

SAP S/4HANA

SAP S/4HANA Cloud
SAP S/4HANA Cloud, single-tenant edition

SAP S/4HANA

SAP S/4HANA

- Large, multi-national corporation
- Multi-SAP ERP instance environment
- Business requirement to harmonize or to do just a partial redesign / leverage partly today’s ECC installation

For further information, services and support, please send your request directly to DM&LT
As of release 1709 FPS02, the SAP S/4HANA migration cockpit has overtaken the Legacy System Migration Workbench (LSMW) from a functional perspective.

*Available for on-premise as of 1709 FPS02, available for Cloud as of 1811 on request*
SAP S/4HANA Migration Cockpit – Planned Innovations

Data Provisioning

Direct data transfer from SAP System

On-Premise

Process & Content

Data Load

API based

On-premise first

Available 1809 FPS02:

50+

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

Planned: Business objects 100+

Additional migration scenarios requested

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SAP S/4HANA Migration Cockpit

SAP’s recommended approach for the migration of business data to SAP S/4HANA and SAP S/4HANA Cloud

**Migration process**

- Select migration objects
- Get data
- Map & transform data
- Model & design to reflect custom requirements
- Simulate
- Migrate

* Initial version available for 1809 FPS02 for pilot customers within customer care
**Migration object modeler available for On-Premise only
DATA MIGRATION IS NECESSARY

It is one key task during the transition to SAP S/4HANA.

Unfortunately, it is often underestimated, it is not done by just pressing a button.

Make sure to understand your data migration requirement early and plan for it accordingly.
Key questions to understand your data migration requirements

What deployment option is the target / receiver of the data?
S/4HANA or S/4HANA Cloud

Which data is needed from sources to operate S/4HANA the way you want?
Customizing? Master data? Open items? Balances?

What are the sources / sender systems of the data?
Number and type of source systems? Central master data management active?

Migrate data “as is” or transform on the fly?
Data transformations needed? Data quality improvement necessary?

Who needs to be involved?
Decisions to be taken? Major stakeholder?
Data Migration in SAP Activate Roadmap

What needs to be done?
When do I have to take care?

Information about data migration is represented within the workstream System & Data Migration.

SAP Activate Roadmap Viewer

https://go.support.sap.com/roadmapviewer/
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

- Preconfigured content and mapping for each migration object, e.g. Banks, Material Master
- Predefined file templates and staging tables for each migration object
- Automated mapping between template 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
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
- Easily adjust source structure
- Use Standard APIs or code your function module
- Map structure and fields
- Available for SAP S/4HANA On-Premise

Tx: LTMOM
SAP S/4HANA Migration Cockpit New App: Data Migration Status
Released 1805

Data Migration Status : Features

- Real time progress monitoring
- Many filter capabilities
- Ready to use record statistics
- Status of every source record
- Ready made status Log
- No need to store & distribute the Log
- Export to Excel
- Quick and Easy evaluation of failed records
- Smart data validation
- Audit & Direct Navigation to Fiori App

Application Help for Data Migration Status
SAP S/4HANA Migration Cockpit
Different Migration Approaches
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 (planned)**
- 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 (AFS) to S/4 Fashion and Vertical Business

Available for pilot customers in **Customer Care Program** with 1809 FPS02
Transfer Data Using Files
Available for SAP S/4HANA and for SAP S/4HANA Cloud

Suitable for any source system (SAP or non-SAP)

Pre-delivered MS Excel templates for migration object

Suitable for small and medium amounts of data
SAP S/4HANA Migration Cockpit – Transfer Data Using Files
Select your Solution and Create Migration Project

1. Select **Migrate Your Data – Migration Cockpit** from the Data Migration tile

   ![Data Migration](image)

   **Data Migration Status**
   - Imported: 2,711
   - Ready for Import: 2,983
   - Failed: 37

2. Create a **migration project**

   ![Available Migration Projects](image)

   **Available Migration Projects**
   - Status: Started
   - Name: File Migration Project
   - Mass Transfer ID: 007

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3. Select the relevant migration objects

Data migration objects delivered with the SAP S/4HANA Migration Cockpit will be listed in the migration project. Select the migration objects you need, and generate a migration template for them.

4. Generate a file template for the selected migration objects
SAP S/4HANA Migration Cockpit – Transfer Data Using Files
Transfer Data being Guided Through the Migration Process

5. **Start the transfer** and monitor the data migration process

Migration Guidance:
- The cockpit guides you through the various steps of the data migration – from the data validation to the actual data import.
- The ‘Simulate Import’ feature checks migration data against the Customizing data in the system.
Default size limit for each uploaded file in the cloud is 100 MB.

If the file exceeds the size limit, a message ‘File size too large’ is displayed.

You can use zip files: Zip multiple files together.

Note that the combined size of all the XML files you want to add to the zip file must not exceed 160MB.

Limit for zip file is still 100 MB.
SAP S/4HANA Migration Cockpit – File Upload On-Premise Enhancements

- Default size limit for each uploaded XML 100 MB.
- If the file exceeds the size limit, a message ‘File size too large’ is displayed.
- First, you can change a system parameter to increase this size for each uploaded XML up to 160 MB: Parameter: icm/HTTP/max_request_size_KB => then the maximum permitted size is 160 MB
- Second, you can use zip files
- Note that the combined size of all the XML files you want to add to the zip file must not exceed 160MB.

**Limit for zip file is still 160 MB with adjusted system parameter.**
Transfer Data Using Staging Tables
SAP S/4HANA Migration Cockpit – Transfer Data Using Staging Tables
As of SAP S/4HANA 1709 FPS02

- Available for SAP S/4HANA and for SAP S/4HANA Cloud
- Used to transfer large volumes of data
- Staging tables can be filled by SAP tools or external ETL tools (Extract, Transfer, Load)

The Knowledge Base Article [SAP KBA 2733253](https://zh.sapbaselines.com/SAP-KBA-2733253) contains information on the staging approach.
SAP S/4HANA Migration Cockpit - Transfer Data Using Staging Tables

Motivation

- Amount of records and size of file is limited for XML files
- Large tables need to be split by creating several spreadsheets
- Filling of XML templates with multiple tabs can lead to inconsistencies

Technology

- Secondary database connection must be available
- Staging tables: created natively in the schema of HANA database
- Separate staging table for each source structure of a migration object

Benefits

- Safer – Faster – Easier
SAP S/4HANA Migration Cockpit - Transfer Data Using Staging Tables

System Setup (On-Premise)

1. Select database connection** for your Migration Project

2. Staging table creation for selected migration object

3. Extraction and fill of staging tables via SAP or Third-Party-Tools

4. Read Access

5. Status Update of Record

6. Insert / Update via API

On-Premise

SAP S/4HANA On-Premise

SAP S/4HANA Migration Cockpit

Application Interface

Application Tables

SAP HANA DB schema*

Legacy System

Application Data

SAP S/4HANA On-Premise or separate SAP HANA box*

ODBC

* 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 (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 - Transfer Data Using Staging Tables
Details – Create Project (1/6)

- Staging tables will be created natively in the schema of the SAP HANA database depending on the selected database connection.
- For each source structure of a migration object, a separate staging table will be generated.
- Staging tables must be filled by customer using extraction tools from SAP or from a third party.

It is not possible to combine staging and file approach in one project!
For each source structure of the migration object (e.g. customer), a separate staging table will be generated natively in the SAP HANA database schema - depending on the selected database connection.
SAP S/4HANA Migration Cockpit - Transfer Data Using Staging Tables
Details – Data Records (3/6)

- Screen for preview on table structure and records with different statuses (unprocessed, processed, error)
- Migration Cockpit driven data operations for staging tables
  - Delete selected records
  - Delete all records
  - Reset Status (to unprocessed)
  - Start Synchronization (e.g. after changes done in migration object modeler)
### Instead of delta-file known from the file approach, flag E is set in field /1LT/PROCEED, if record could not be inserted. P is set for records, which have been transferred to S/4HANA system.

### Comments and field information available in staging table fields. A * in the comment field means, that this field is mandatory.
Freeze triggers prevent that, during the transfer of data, changes can be done on any data in the staging table.

- If freeze triggers are set, you will see this message on the Migration Object Screen in the Migration Cockpit:

![Migration Object Screen](image)

- On the database, you can see three triggers for each staging table:

![Database Triggers](image)

- If you want to insert data in the staging table, when the freeze triggers are set, you will get the following database error:

```
Could not execute 'insert into "DB_ACCESSER","/ILT/DSCCF000007" ...' in 237 ms 710 us .
SAP DBTech JDBC: [12000]: user-defined error: "DB_ACCESSER","/ILT/DSCCF000007FRI": line 2 col 145 (at pos 202): [12000] (range 3) user-defined error exception: no table change allowed
```

To delete the freeze triggers you have two possibilities:

1. Finish the transfer: after transfer is finished the freeze triggers will automatically be dropped.
2. Press the Restart Transfer button in the Migration Object Screen.
SAP S/4HANA Migration Cockpit - Transfer Data Using Staging Tables
Details – Restart Transfer (6/6)

- Restart Transfer Button:
The current transfer status will be reset (freeze triggers will be deleted) and you will have to start again from the first step of the transfer process: Validate data, after you have started the transfer again.

- Note that the existing records remain in the staging tables and new records can be added to the staging tables. When you start the transfer again, all the unprocessed records will be processed and transferred.

Parallelization
- It is possible to transfer multiple staging tables in parallel.

‘No. of Data Transfer Jobs’ field available with Cloud 1811 and On-Premise 1809.
Instead of delta-file known from the file approach, flag E is set in field /1LT/PROCEED, if record could not be inserted. P is set for records, which have been transferred to S/4HANA system.

Comments and field information available in staging table fields. A * in the comment field means, that this field is mandatory.
Transfer Data Directly from SAP Source System
SAP S/4HANA Migration Cockpit
Transfer Data Directly from SAP Source System (available since 1809 FPS01 in Customer Care Program)

- Suitable for ABAP-based SAP source systems only
- Two migration scenarios supported (SAP ERP to SAP S/4HANA, SAP Apparel and Footwear to SAP S/4HANA)
SAP S/4HANA Migration Cockpit
Transfer Data Directly from SAP System (planned)

Selection of relevant scenario:
- SAP ERP to SAP S/4HANA
- SAP AFS to SAP S/4HANA

Preconfigured data selection (currently planned: selection based on company codes)
Preconfigured migration content: You can choose from the list of available migration objects relevant for the selected scenario

* Refer to SAP Note 2747566 for details
The 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).
You can maintain value mappings to transform values from the source system to the target system.
SAP S/4HANA Migration Cockpit

Migration Objects
# SAP S/4HANA Migration Cockpit

**Preconfigured Migration Objects (files / staging)**

<table>
<thead>
<tr>
<th></th>
<th>SAP S/4HANA</th>
<th>SAP S/4HANA On-Premise</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Shipment</strong></td>
<td>Every edition</td>
<td>Only in main releases</td>
</tr>
<tr>
<td><strong>Current no.</strong></td>
<td>100+ objects (1905)</td>
<td>68 objects (1809)</td>
</tr>
</tbody>
</table>

**Link to list of object**

- **Available Migration Objects S4H Cloud 1905**
- **Available Mig. Objects S4H OP 1809 FPS02 + S4H Cloud STE**

**Changes in objects**

- **SAP Note 2568909** lists all changes in the current, previous, and upcoming next release
- **SAP Note 2704618** lists all changes in the current, previous, and upcoming next release

Easily switch between different Versions:
It is now possible to create a business partner with both customer and supplier roles. You have two possibilities:

1. Create Customer and then use Supplier Extend to add the supplier role
2. Create Supplier and then use Customer Extend to add the customer role

A new API is used for customer and supplier with 1808 and 1809. The old used API is not supported, therefore the old migration objects are marked as deprecated.
SAP S/4HANA Migration Cockpit – Direct Transfer
Preconfigured Migration Objects I (ERP to SAP S/4HANA)

Financials
FI-AA Fixed Asset, AUC - including Balance
FI-CO Internal Order
FI-GL Bank Key
FI-CO Account Balance - classic GL
FI-CO Account Balance - new GL
FI-CO Customer Open Item - classic GL
FI-CO Customer Open Item - new GL
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
FI-GL Exchange rate

FI-CO House banks
FI-CO Bank accounts

Controlling
FI-CO Activity type
FI-CO Activity type group
FI-CO Activity price
FI-CO Cost center
FI-CO Cost center group
FI-CO Profit center
FI-CO Profit center group
FI-CO Secondary cost element
FI-CO Statistical key figure
FI-CO Business Process

Logistics
Batch (if Batch is unique at material level)
Batch (if Batch is unique at plant level)
Customer
Material BOM
Material Master
Material Commodity
Material Consumption
Vendor
Production Routing
Production Version
Equipment task list
VC Configuration Profile
VC Object Dependencies
ECN (Engineering Change Number)
## SAP S/4HANA Migration Cockpit – Direct Transfer
Preconfigured Migration Objects II (ERP to SAP S/4HANA)

<table>
<thead>
<tr>
<th>Material Management</th>
<th>Sales and Distribution</th>
<th>Plant Maintenance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material inventory balance</td>
<td>Sales Order (only open SO)</td>
<td>Equipment</td>
</tr>
<tr>
<td>Planned independent requirement</td>
<td>Sales Contract</td>
<td>Functional Location</td>
</tr>
<tr>
<td>Pricing condition (Purchasing and Sales)</td>
<td></td>
<td>Maintenance Item</td>
</tr>
<tr>
<td>Purchase Order (only open PO)</td>
<td></td>
<td>Maintenance Plan</td>
</tr>
<tr>
<td>Purchasing Info Record</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Purchasing Contract</td>
<td>Production Planning</td>
<td></td>
</tr>
<tr>
<td>Scheduling Agreement</td>
<td>Work Center</td>
<td></td>
</tr>
<tr>
<td>Service Master</td>
<td></td>
<td>Cross Application</td>
</tr>
<tr>
<td>Source List</td>
<td>Project Systems</td>
<td>Business Partner</td>
</tr>
<tr>
<td></td>
<td>Project system - Network</td>
<td>Change Number (Characteristic)</td>
</tr>
<tr>
<td></td>
<td>Project Definition</td>
<td>Characteristic</td>
</tr>
<tr>
<td></td>
<td>WBS element</td>
<td>Class</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Engineering Change Numbers</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Material Classification</td>
</tr>
</tbody>
</table>

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On-Premise
SAP S/4HANA Migration Cockpit – Direct Transfer
Preconfigured Migration Objects I (AFS to SAP S/4HANA)

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

Logistics
Batches at Plant level
Bill of Materials (Material based)
Configuration class for Material Grid
Customer
Distribution Curve Conditions
Quantity Distribution Profile
VAS (Sales Area and Customer)
VAS (Sales Area, Customer Group and Material)
VAS (Sales Area, Customer and Material)
Vendor
Equipment
Scheduling agreement

Application Platform
Article
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 contract
Sales Grid for Articles
Sales Grid: S.Org, Dist.Ch, Cust. Grp & Articles
Sales Grid: S.Org, Dist.Ch, Customer & Articles
Sales Grid: Sales Org, Dist. Channel & Articles
Segment structure
Segment strategy
Segmentation default values

This is the current state of planning and may be changed by SAP at any time without notice
SAP S/4HANA Migration Cockpit – Direct Transfer
Preconfigured Migration Objects II (AFS to SAP S/4HANA)

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

Material Management
Material Inventory balance
Purchase Order
Purchasing Info Record

Industry Specific
Distribution Curve
Season

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

Sales and Distribution
Pricing Condition (purchasing and sales)
Sales Order

Currently in piloting phase

On-Premise
SAP S/4HANA Migration Cockpit

Outlook
SAP S/4HANA Migration Cockpit
Product road map overview

Recent innovations
Data Provisioning
- Cloud: Staging area between SAP or non-SAP source and SAP S/4HANA target system
  - Staging area must be filled by customer using extraction tools from SAP or third party

Cloud:
- Extensibility of migration cockpit via extension framework
- Extend Data Migration Status App with audit functionality
- Situation handling for Data Migration Status App

2019 – Planned innovations
Data Provisioning
- On-premise: Direct data transfer from SAP source
  - Data extraction from SAP source and direct transfer to SAP S/4HANA target
  - Parallel selection of data
  - Possibility of excluding certain instances

Migration Object Modeler for direct data transfer from SAP source:
- Allow users to create own migration objects
- Enhance existing migration objects

Migration Cockpit for File & Staging:
- Introduction of client handling for file & staging projects

Business data migration from SAP Apparel and Footwear (SAP AFS) to SAP S/4HANA for fashion
- Key AFS wholesale components
- New migration objects for all migration scenarios

2020 – Product direction
Data Provisioning
- Improved handling of Value Mappings (mass maintenance options)

Migration Object Modeler for direct data transfer from SAP source:
- Allow users to create own migration objects

Auditable Solution
- Provide audit functionality for on-premise

Automated Validation
- Automated validation of migration results

Cloud: Complementing Apps
- Facilitate project planning

2021 – Product vision
Enhanced Content Upgrade Functionality
to merge modified migration objects with updates on predefined migration objects

Data Quality
- Combine migration cockpit with SAP Data Quality solutions

Analyses
- Analyze migration data in SAP source systems

This is the current state of planning and may be changed by SAP at any time.
SAP S/4HANA Migration Cockpit

Further Information
New Staging-Demo available in SAP Demostore
SAP S/4HANA Migration Cockpit - Demo

Find the Demo in SAP Demo Cloud (SDC): [www.sapdemocloud.com](http://www.sapdemocloud.com)
- **Staging scenario** available in SAP Demo Cloud (currently FPS01)
- Available for SAP employees and for SAP authorized users
- Aim: presales purposes
- Weekly refreshed
Further Information

https://go.sap.corp\s4mig

Deep Dive Sessions – Recordings

Part I
File and Staging Approach

Part II
Migration Object Modeler

Part III
Direct Transfer

DIRECT TRANSFER FAQ

MAIN MENU

External rollout material
(Solution brief, Standart ppt)

Internal rollout material
(Development News, Internal Sessions/Video + other Docs)

Migration objects
(Lists, tips & tricks)

HOW TO’S
Demos
(and other learning materials)

SAP Notes Collection + External blogs

Frequently asked questions
Further Information

Click Through Demos:
- Introducing SAP S/4HANA Migration Cockpit (based on 1610 FPS02)
- SAP S/4HANA Migration Cockpit: Using staging tables
- Working on a migration object with the migration object modeler
- Adding fields to a migration object
- Creating a new migration object

Available in SAP Learning Hub:
SAP S/4HANA Data Migration - Tutorials; SAP Learning Hub subscription required
SAP S/4HANA Data Migration Content Development Newsletter 1902

https://www.sap.com/documents/2019/02/80f57ddb-3a7d-0010-87a3-c30de2ff8ff.html
Further Information

openSAP Course
Data Migration to SAP S/4HANA
https://open.sap.com/courses/s4h8

SAP Best Practices Explorer
https://rapid.sap.com/bp/
DM from File (BH5):
https://rapid.sap.com/bp/scopeitems/BH5
DM from Staging (2Q2):
https://rapid.sap.com/bp/scopeitems/2Q2

SAP Activate Roadmap Viewer
https://go.support.sap.com/roadmapviewer/
### SAP S/4HANA Migration Cockpit

**SAP Notes and KBAs**

<table>
<thead>
<tr>
<th>Collective SAP Notes for Migration Content</th>
<th>Pre-filled migration templates</th>
<th>Central SAP Notes for Migration Cockpit Tool</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CA-GTF-MIG</strong></td>
<td>w/ sample data and PDF that explains the data</td>
<td><strong>CA-LT-MC</strong></td>
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<tr>
<td>2538700</td>
<td>2470789</td>
<td><strong>2594002</strong></td>
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<tr>
<td>Collective SAP Note and FAQ for SAP S/4HANA Migration Cockpit (Cloud)</td>
<td>SAP S/4HANA Migration Cockpit (Cloud) - Sample data migration templates</td>
<td>Migration Cockpit &amp; SLT on S/4HANA On-Premise Edition <strong>1809</strong></td>
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<tr>
<td>2537549</td>
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<td><strong>2475034</strong></td>
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<tr>
<td>Collective SAP Note and FAQ for SAP S/4HANA Migration Cockpit (on premise)</td>
<td>Currently only available for SAP S/4HANA Cloud</td>
<td>Migration Cockpit &amp; SLT on S/4HANA On-Premise Edition <strong>1709</strong></td>
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<td><strong>2376533</strong></td>
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<tr>
<td></td>
<td></td>
<td>Migration Cockpit &amp; SLT on S/4HANA On-Premise Edition <strong>1610</strong></td>
</tr>
</tbody>
</table>

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**Tip:**

Run Report DMC NOTE ANALYZER

Check SAP Note 2596411
Further Information

► High Level Video SAP S/4HANA Migration Cockpit
► Technical Brief Migrate your Data to SAP S/4HANA Quickly, Safely and Cost-Effectively
► Video: Migration Object Modeler http://bit.ly/2BHmUHm

Or contact SAP_S4HANA_Migration_Cockpit@sap.com directly
Appendix
Transition to S/4HANA – data migration service view

Engagement Options

DataMigration Services within the SAP Activate Phases

Prepare

- Transition Planning
- DataMigration Architecture

Explore

- DataMigration Design

Realize

- SAP led DataMigration Execution Service / Project

- S/4HANA Migration cockpit (released scope as well as expert mode)

Deploy

- Build & Validate Migration/Transformation Solution

- Migrate/Transform the Data

Understand Migration Scenario

Verify & Understand Detailed Scope
S/4HANA Migration Cockpit
The next-generation data migration software

- Included in S/4HANA license and shipment
- Made for migrating data from SAP and non-SAP sources into SAP S/4HANA and SAP S/4HANA Cloud
- Guided procedure takes users through the migration process: Easy and safe, no programming required
- Flexible for integration of custom business data including data transformations

Predefined SAP S/4HANA-specific Migration Content facilitates and accelerates your data migration
- Preconfigured content and mapping for available migration objects, e.g. customers
- Automated mapping between template and target structure
- Migration programs are generated automatically

Customer-Specific Migration Content can be flexibly included
- Integration of customer-built objects
- Customer-specific enhancements to SAP standard objects (e.g. add new fields)

Further information
- Migration Cockpit in SAP Community

Step-by-step guidance through the migration process
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**
   - Step-by-step guidance through the migration process
   - Template files for each migration object
   - Data validation to ensure high-data quality and consistency
   - Mass data transfer with the help of a staging solution

5. **Flexible and extendable**
   - Migration object modeler for custom-specific requirements
   - Ability to extend existing SAP migration objects
   - Integration of custom-specific objects

6. **Outlook**
   - Comprehensive SAP S/4HANA migration solutions for SAP applications
   - Direct data extraction from SAP source systems
   - Automated validation of migration results
   - Facilitated auditing
   - Data cleansing