Transition to S/4HANA – How you can simplify the transition using the PBS archive add ons

Dagmar Fischer, PBS Software GmbH

Agenda

- A few words about SAP S/4HANA
- Why do the PBS archive add ons simplify the transition?
- Current Status and Outlook
- Summary

What is SAP S/4HANA?

SAP Business Suite 4 SAP HANA (SAP S/4HANA) is

> “..the Business Suite of the next generation […], that enables companies to simplify their business processes.”

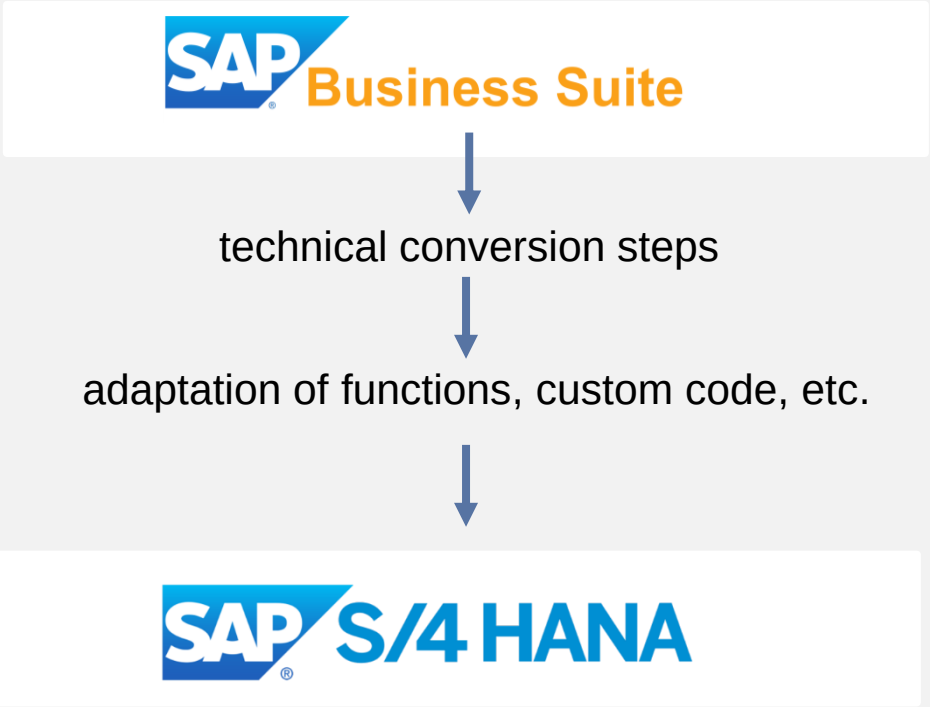
(Source: SAP)

What is different in S/4HANA?

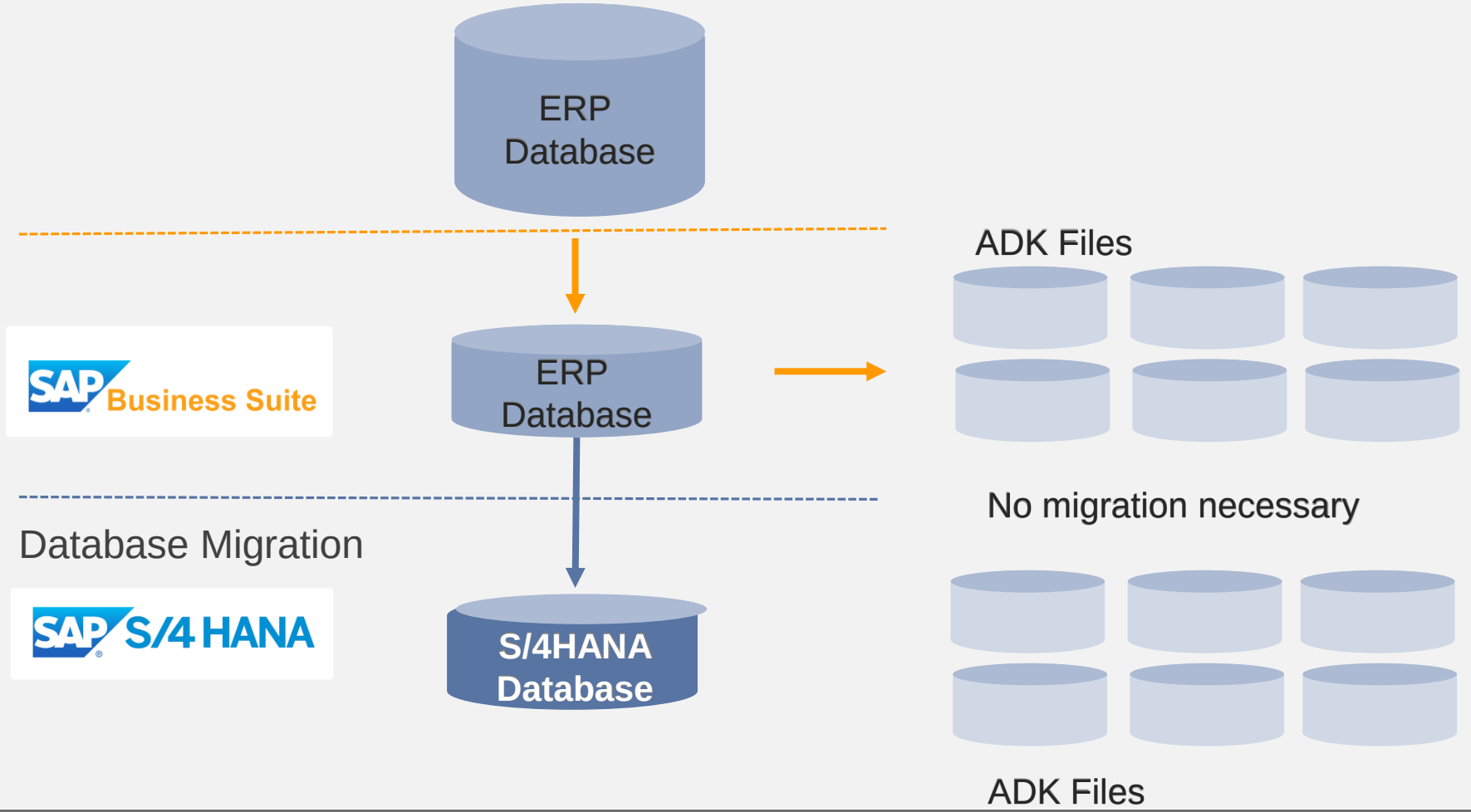
- Reduced complexity (simplification)
- SAP HANA as database platform, integrated application execution
- New UI concept SAP Fiori
- New application scenarios possible

What are the consequences?

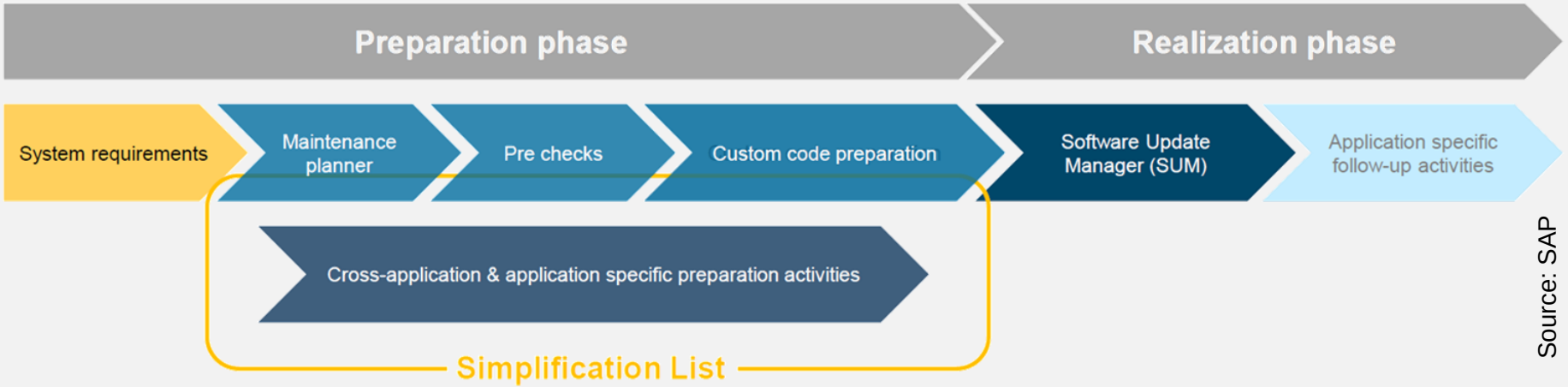
No Upgrade → The transition is a system conversion



The most important things first

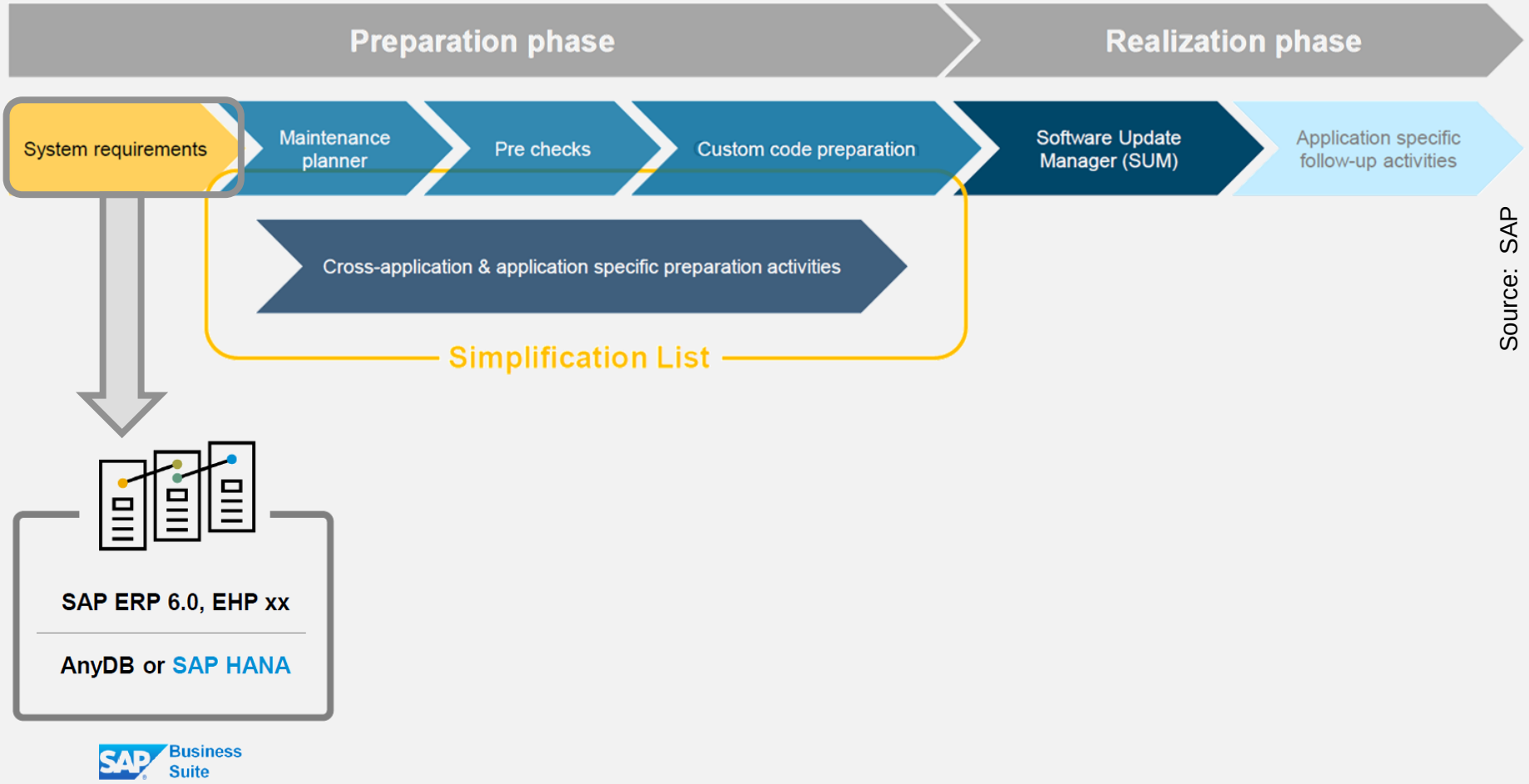


Migration — technical Process Steps

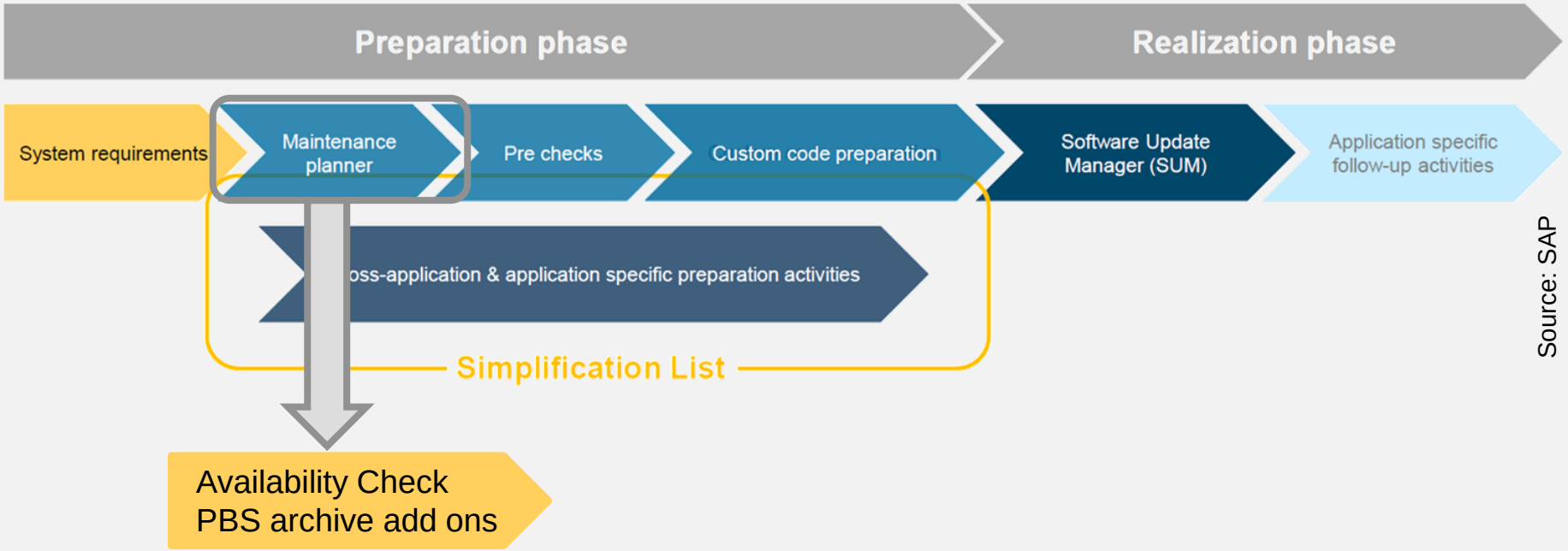


Source: SAP

Migration — System Requirements



Migration — Preparation Phase

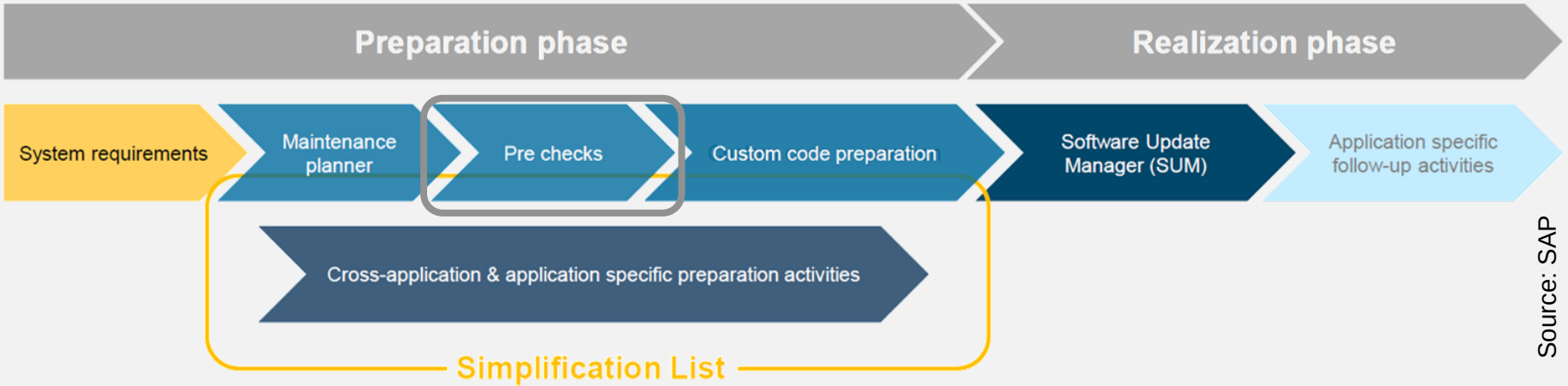


Source: SAP

S/4HANA 1610/1709: available PBS Products

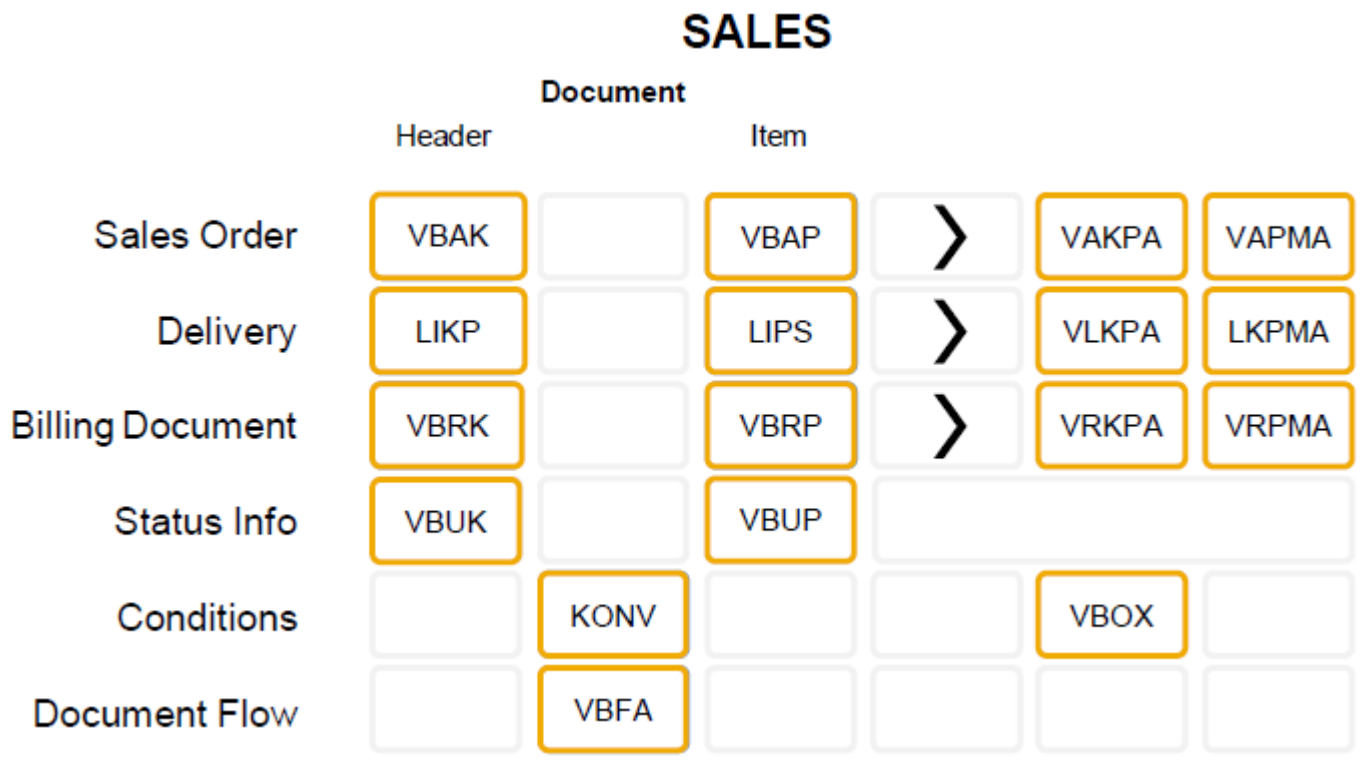
PBS archive add on CAB ✓	PBS archive add on CPCA ✓	PBS archive add on CUSTOM ✓
PBS archive add on CCO ✓	PBS archive add on CPCP ✓	PBS archive add on CWM ✓
PBS archive add on CCU ✓	PBS archive add on CPM ✓	PBS archive add on CFICA ✓
PBS archive add on CDART ✓	PBS archive add on CPOS ✓	PBS archive add on CISU ✓
PBS archive add on CDOC ✓	PBS archive add on CPP ✓	PBS archive add on CCU-IS ✓
PBS archive add on CFI ✓	PBS archive add on CPR ✓	Archive Data Conversion ✓
PBS archive add on CHR ✓	PBS archive add on CPS ✓	Archive Data Review ✓
PBS archive add on CML ✓	PBS archive add on CQM ✓	Database Analyzer PLUS ✓
PBS archive add on CMM ✓	PBS archive add on CRW ✓	Nearline Analytic Infrastructure ✓
PBS archive add on CMT ✓	PBS archive add on CSD ✓	SE16/SA38_PERSONAL ✓
PBS archive add on COO ✓	PBS archive add on CSL ✓	

Migration — Preparation Phase



Source: SAP

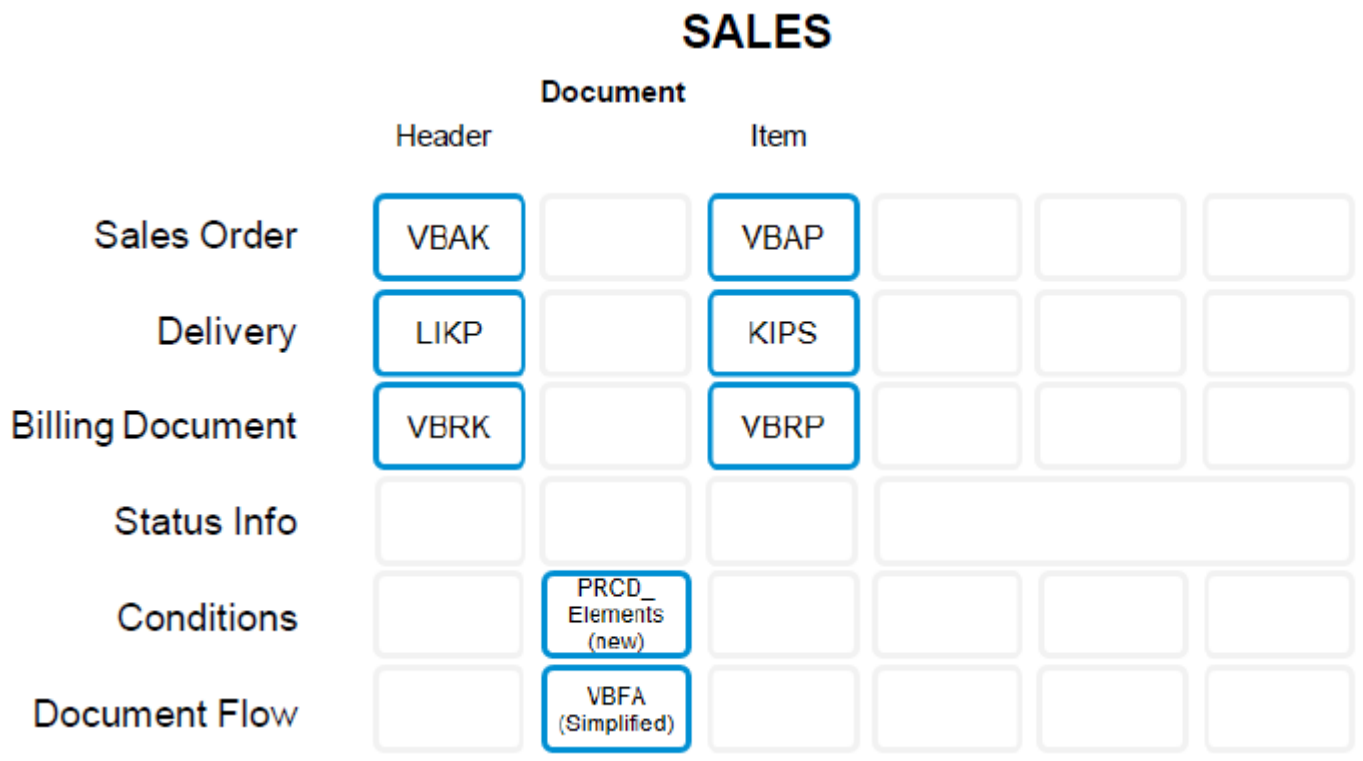
Migration — Simplification List



Business Suite

Source: SAP

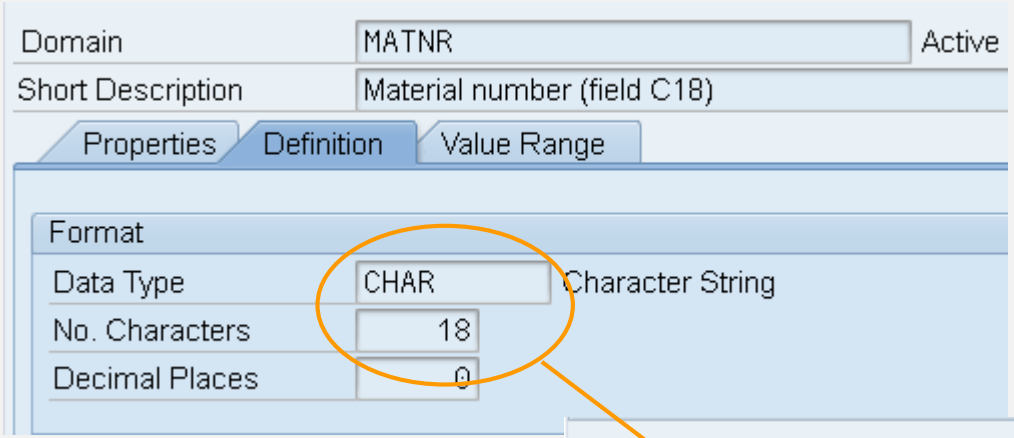
Migration — Simplification List



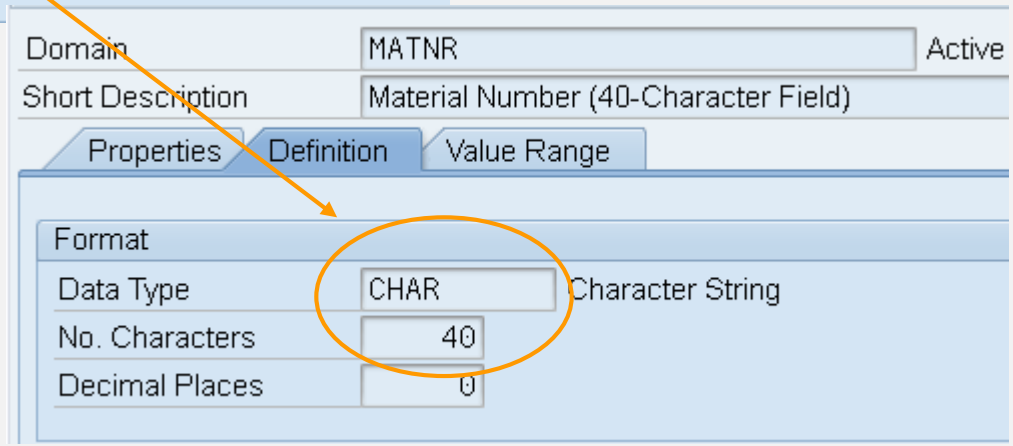
S/4HANA

Source: SAP

Migration — Simplification List

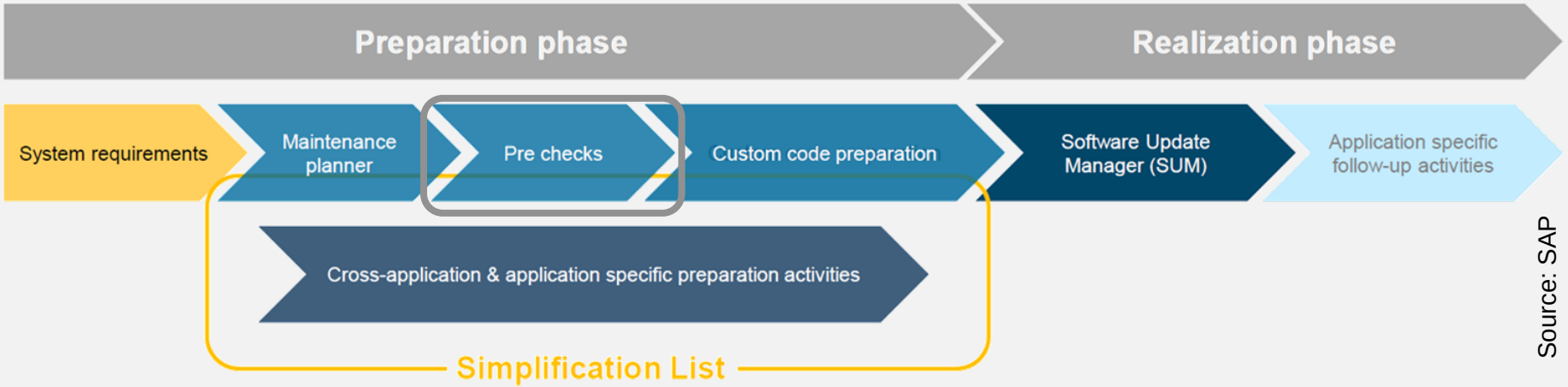


Business Suite



S/4HANA

Migration — Preparation Phase



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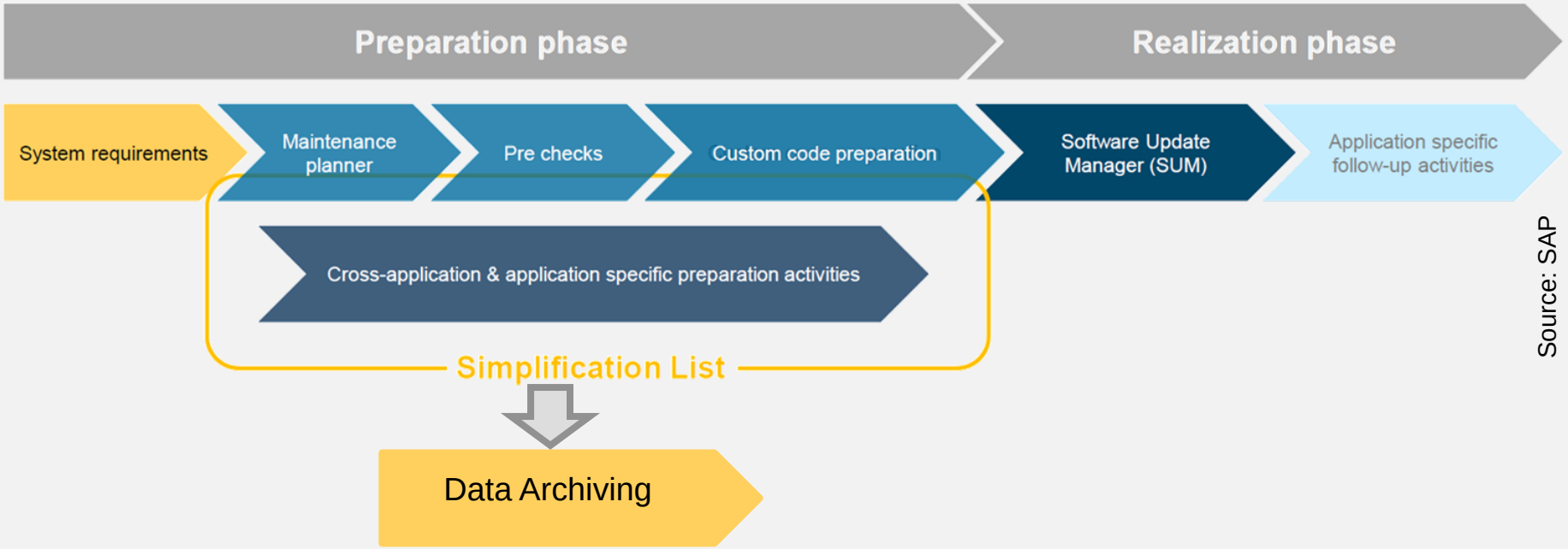
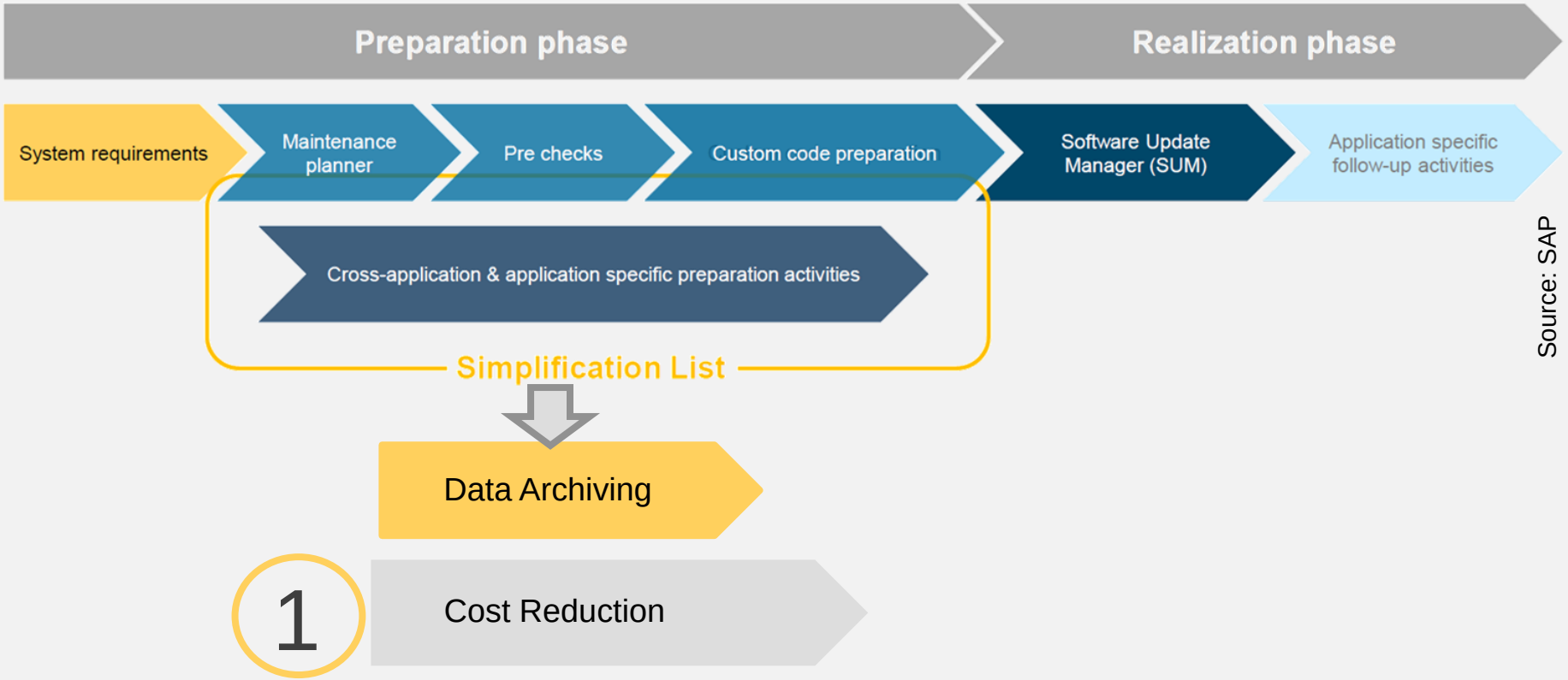


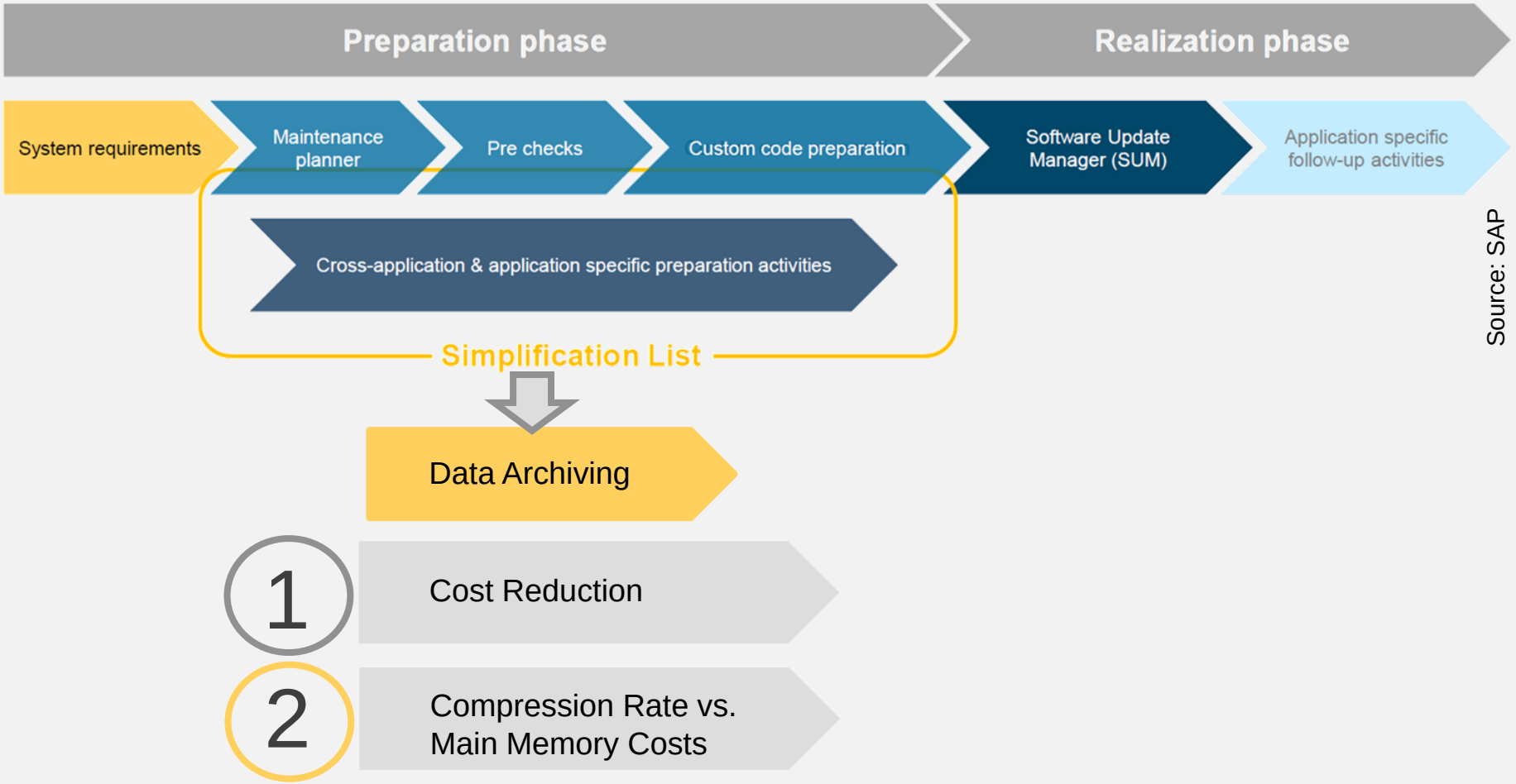
Source: SAP

Migration — Data Archiving



Source: SAP

Migration — Data Archiving



Source: SAP

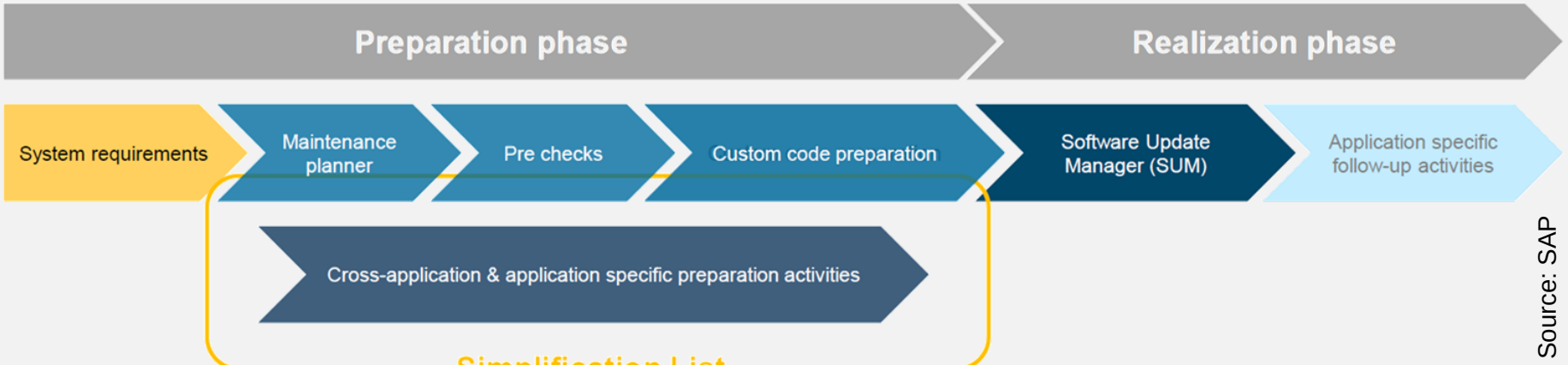
Migration — Data Archiving

Source: SAP

Data Archiving

1. Cost Reduction
2. Compression Rate vs. Main Memory Costs
3. Legal Compliance (GoBD, GDPR)

Migration — Data Archiving



Source: SAP

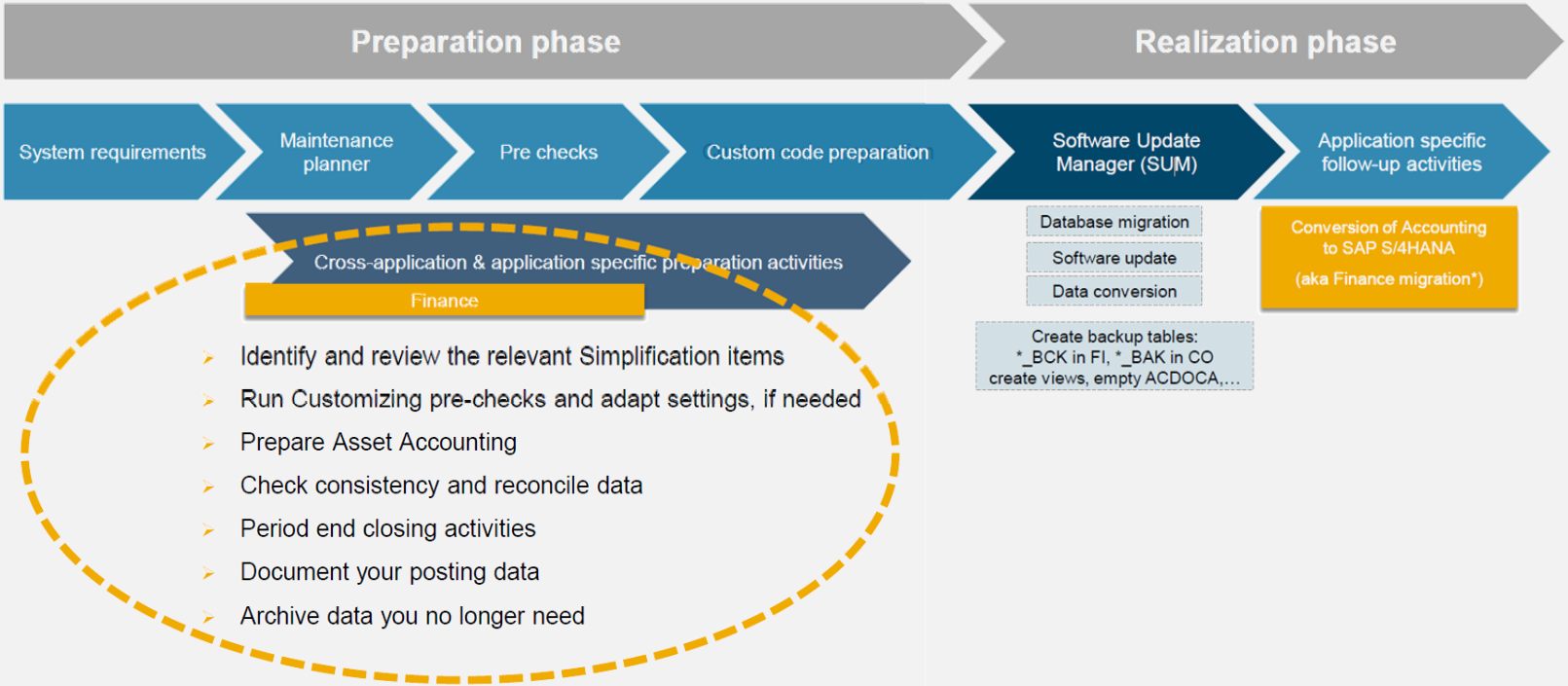
Data Archiving

1. Cost Reduction
2. Compression Rate vs. Main Memory Costs
3. Legal Compliance (GoBD, GDPR)
4. Active Data Management

SAP recommends Data Archiving

SAP S/4HANA system conversion – FI preparation tasks

Overview preparation tasks in Finance



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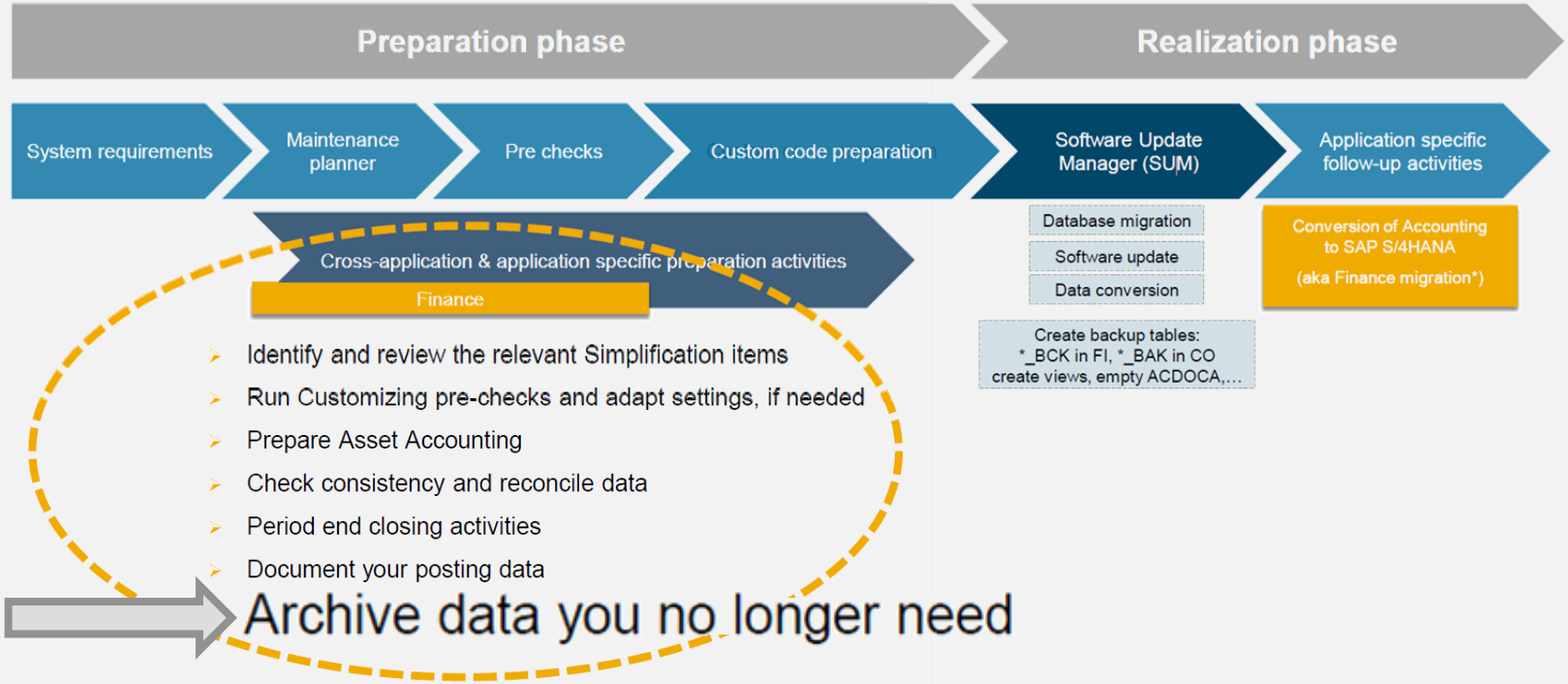
Source: SAP

SAP recommends Data Archiving

SAP S/4HANA system conversion – FI preparation tasks

Overview preparation tasks in Finance



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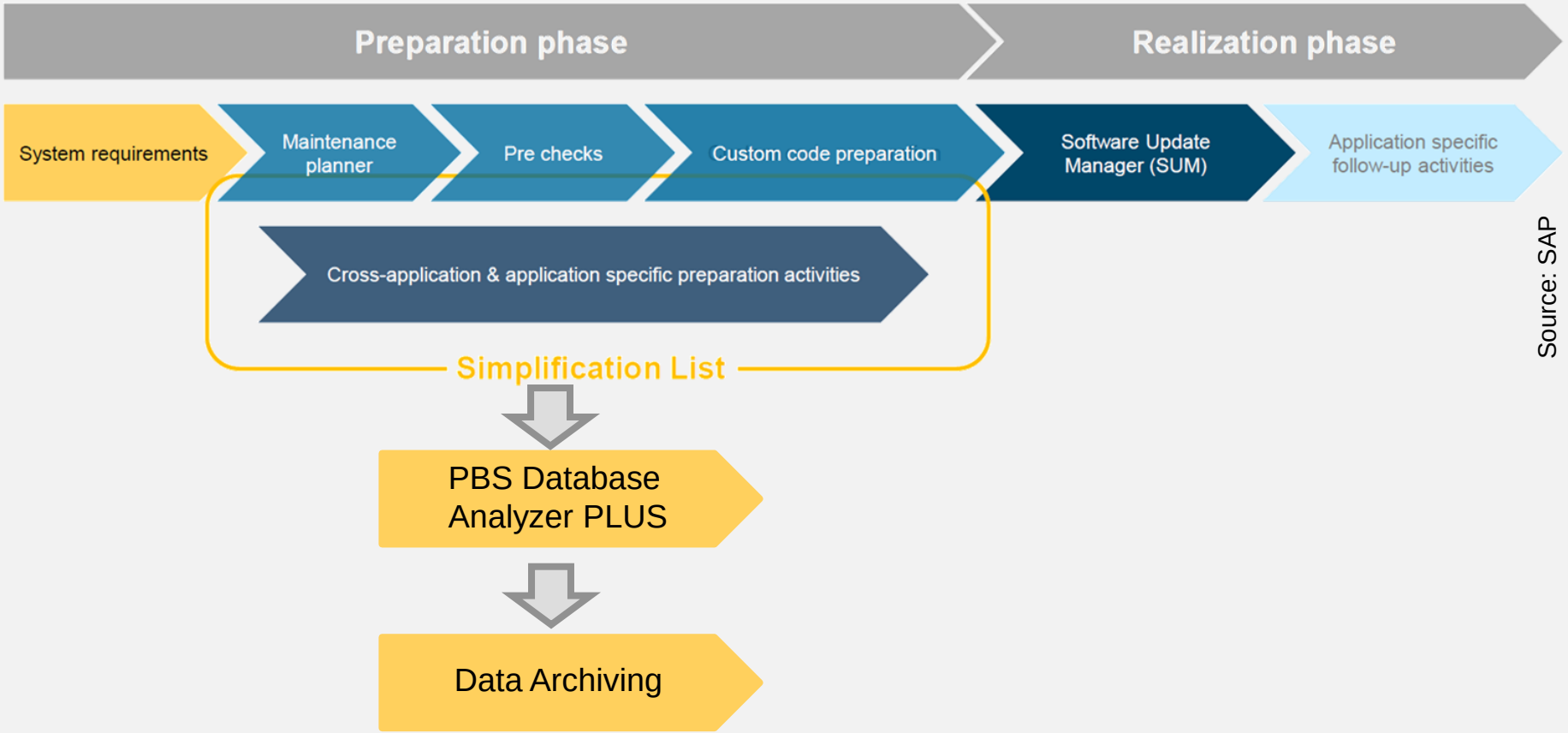
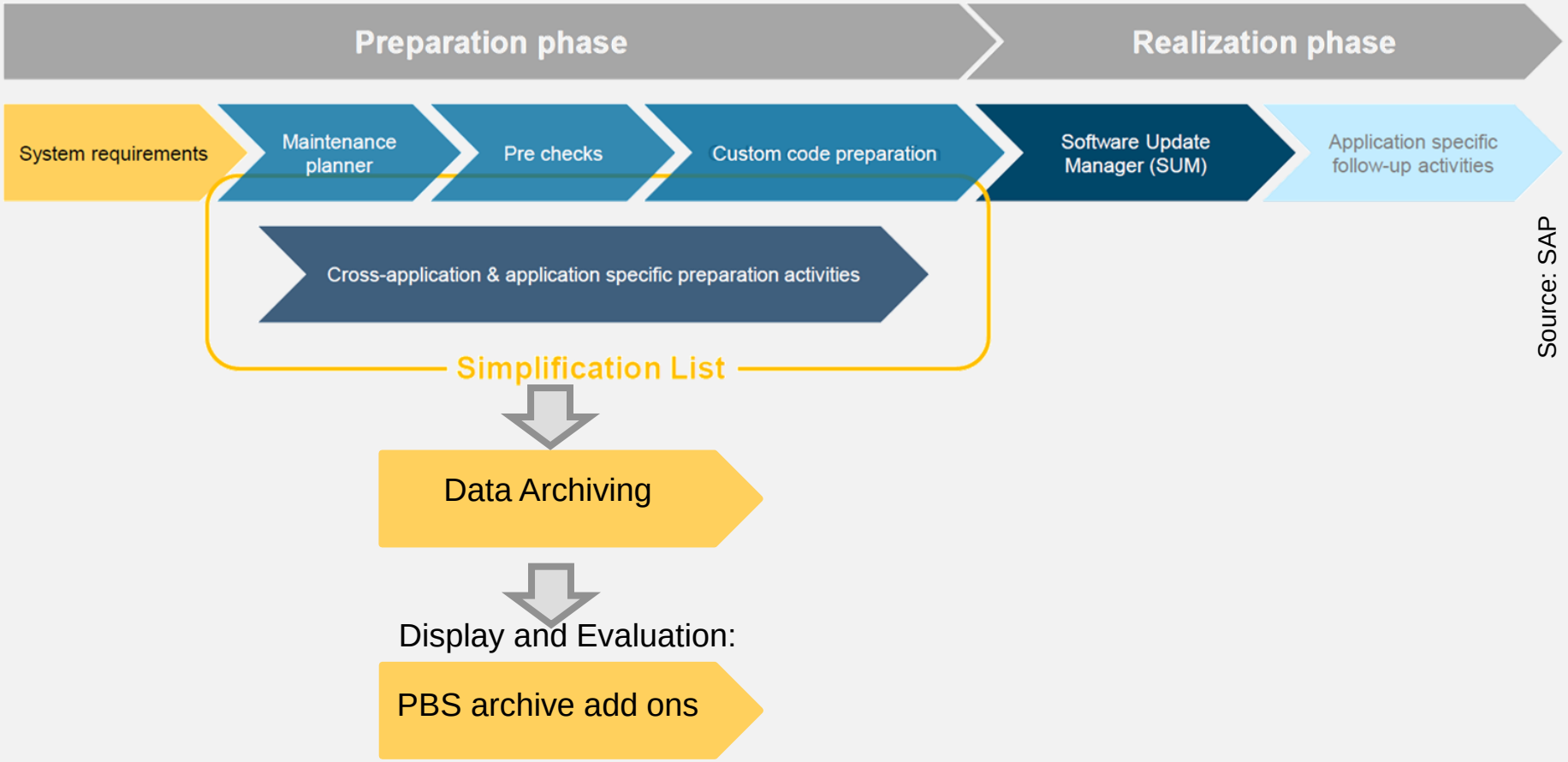
Source: SAP

Migration — PBS archive add ons



Source: SAP

Migration — PBS archive add ons

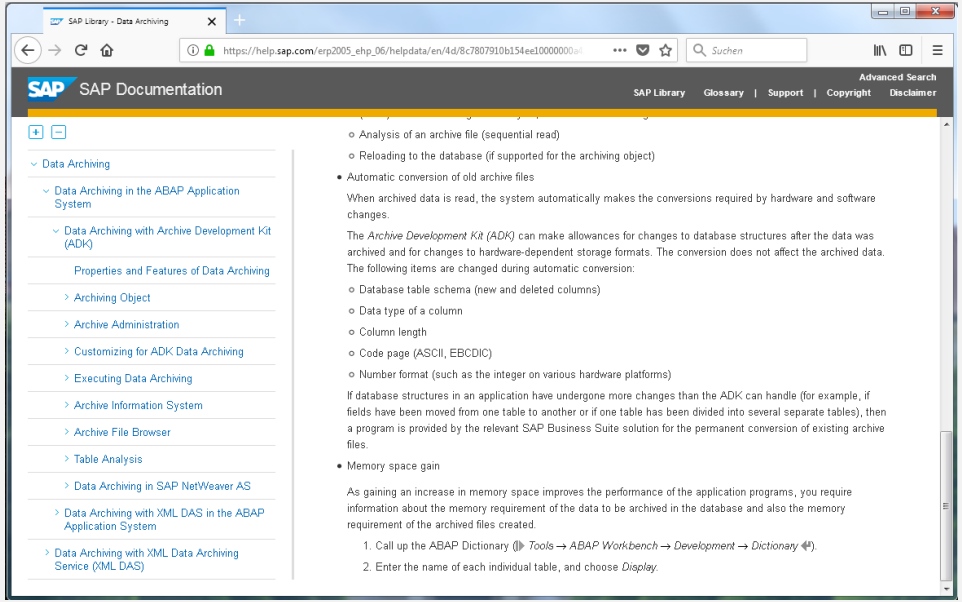


Source: SAP

Readability of Archive Files

Archived documents from previous releases can be displayed and evaluated in S/4HANA:

https://help.sap.com/erp2005_ehp_06/helpdata/en/4d/8c7807910b154ee10000000a42189e/frameset.htm



Readability of Archive Files

SAP System data	
Product Version	SAP S/4HANA 1610

System: Status

Component	Release	SP-Level	Support Package	Short Description of Component
SAP_BASIS	751	0006	SAPK-75106INSAPBASIS	SAP Basis Component
SAP_ABA	75B	0006	SAPK-75B06INSAPABA	Cross-Application Component
SAP_GWFND	751	0006	SAPK-75106INSAPGWFND	SAP Gateway Foundation 7.40
SAP_UI	751	0006	SAPK-75106INSAPUI	User Interface Technology 7.40
ST-PI	740	0008	SAPK-74008INSTPI	SAP Solution Tools Plug-In
SAP_BW	751	0006	SAPK-75106INSAPBW	SAP Business Warehouse
MDG_FND	801	0004	SAPK-80104INMDGFND	MDG Foundation
WEBCUIF	801	0004	SAPK-80104INWEBCUIF	SAP Web UI Framework
MDG_APPL	801	0004	SAPK-80104INMDGAPPL	MDG Applications
MDG_UX	801	0004	SAPK-80104INMDGUX	MDG Additional User Interface
S4CORE	101	0004	SAPK-10104INS4CORE	S4CORE

Readability of Archive Files

SAP System data

Product Version	SAP S/4HANA 1610

System: Status

Component	Release	SP-Level	Support Package	Short Description of Component
SAP_BASIS	751	0006	SAPK-75106INSAPBASIS	SAP Basis Component
SAP_ABA	75B	0006	SAPK-75B	
SAP_GWFND	751	0006	SAPK-7510	
SAP_UI	751	0006	SAPK-75	
ST-PI	740	0008	SAPK-7	
SAP_BW	751	0006	SAPK-751	
MDG_FND	801	0004	SAPK-801	
WEBCUIF	801	0004	SAPK-801	
MDG_APPL	801	0004	SAPK-801	
MDG_UX	801	0004	SAPK-801	
S4CORE	101	0004	SAPK-101	

Documentation | Data Object | Table | Hex Display | Search | Archive File

Header Data

Archiving Session	83	Creation Date	02.02.2017
Key for Archive File	000024-001SD_VBAK	Creation Release	740
Archiving Object	SD_VBAK	Creation System	M16
Code Page	4103	ADK Version	610
Number format	101		

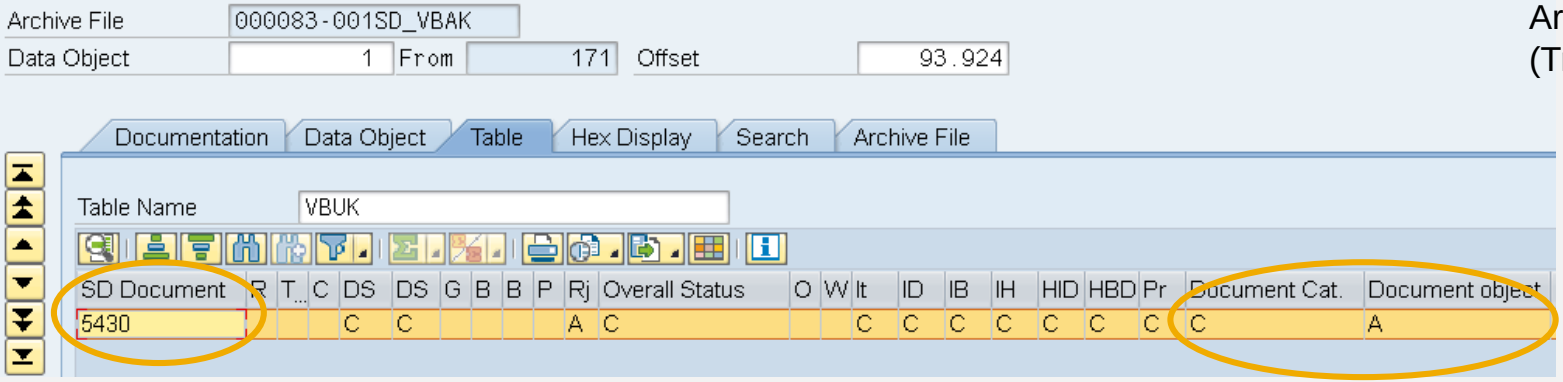
Tables

Generate Statistics

Table Name
VBPA
VBPA2
VBPA3
VBSN
VBUK
VBUP
VBUV
VEDA

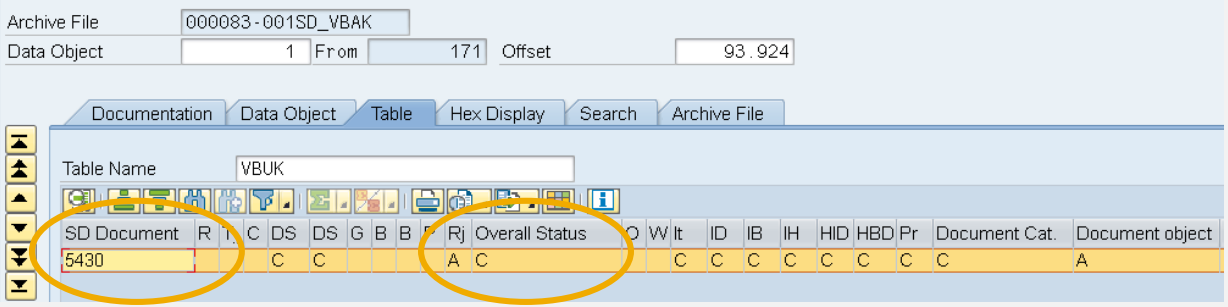
Archive File Browser
(Transaction AS_AFB)

Readability of Archive Files

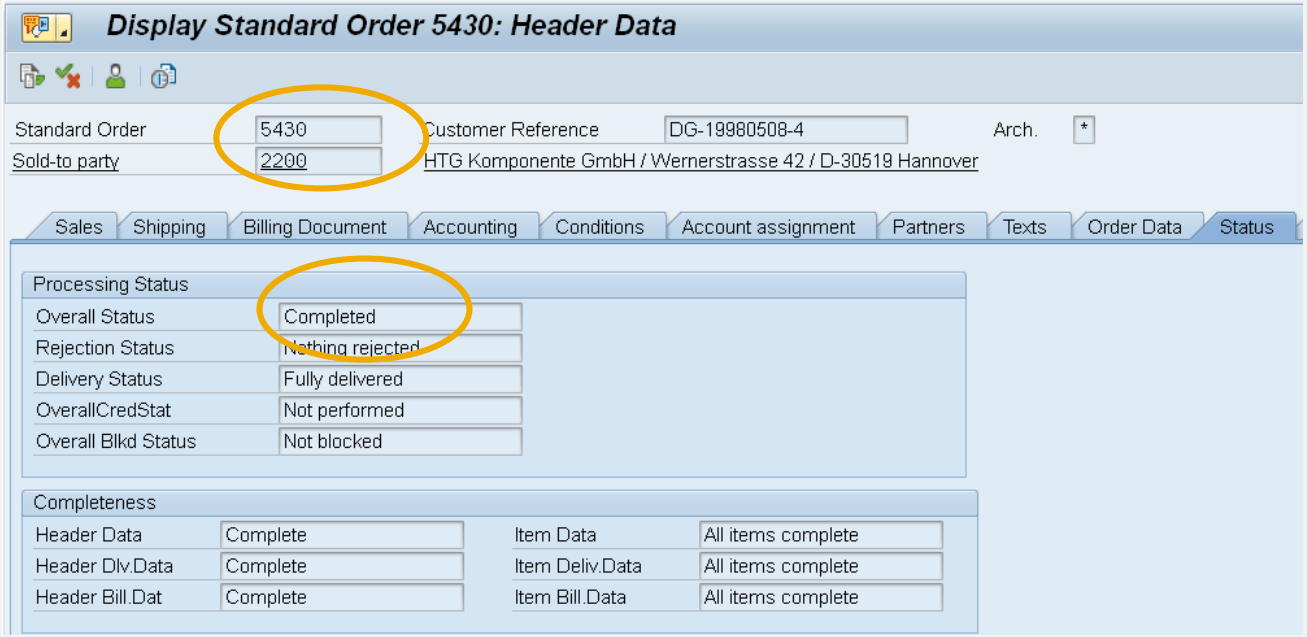


Archive File Browser
(Transaction AS_AFB)

Readability of Archive Files

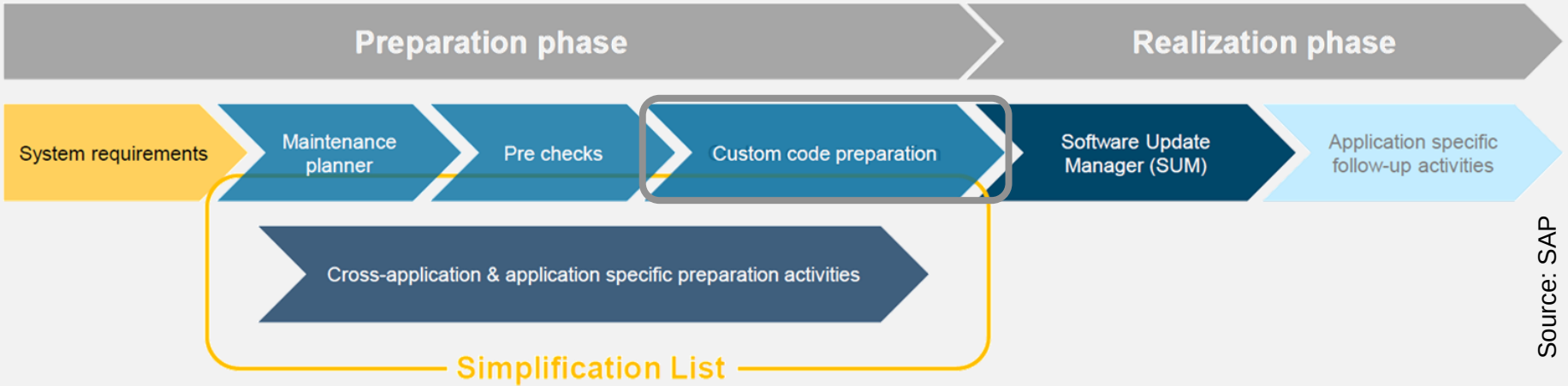


Archive File Browser
(Transaction AS_AFB)



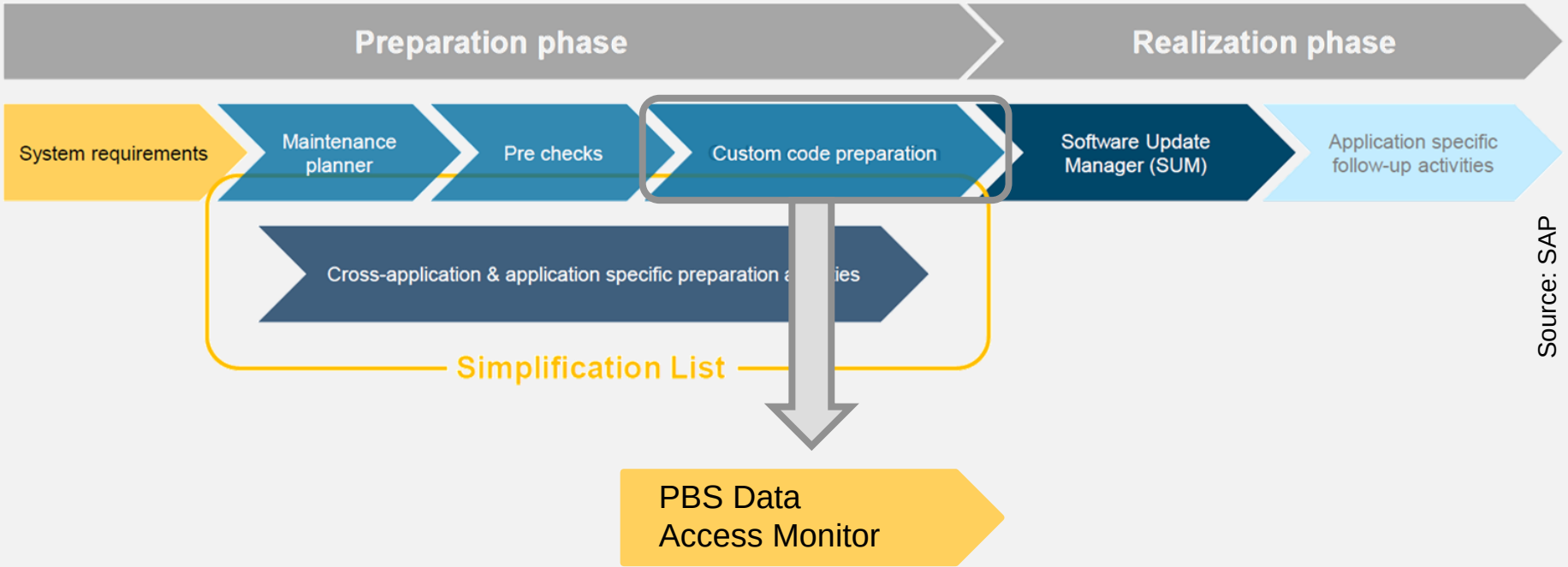
Transaction
/PBS/VA03

Migration — Customer Coding



Source: SAP

Migration — Customer Coding



Source: SAP

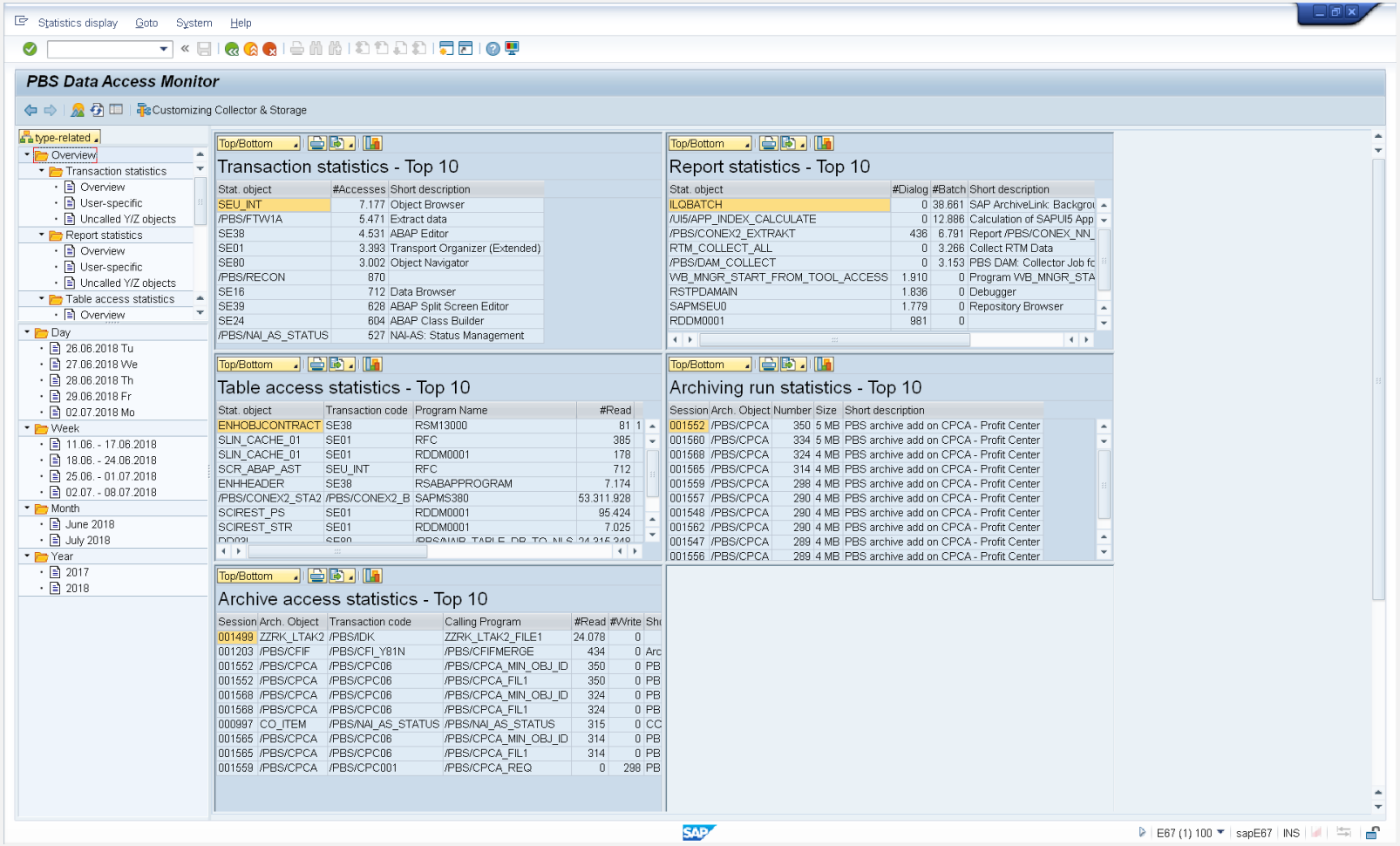
What, when, how much, how often?

PBS Data Access Monitor:

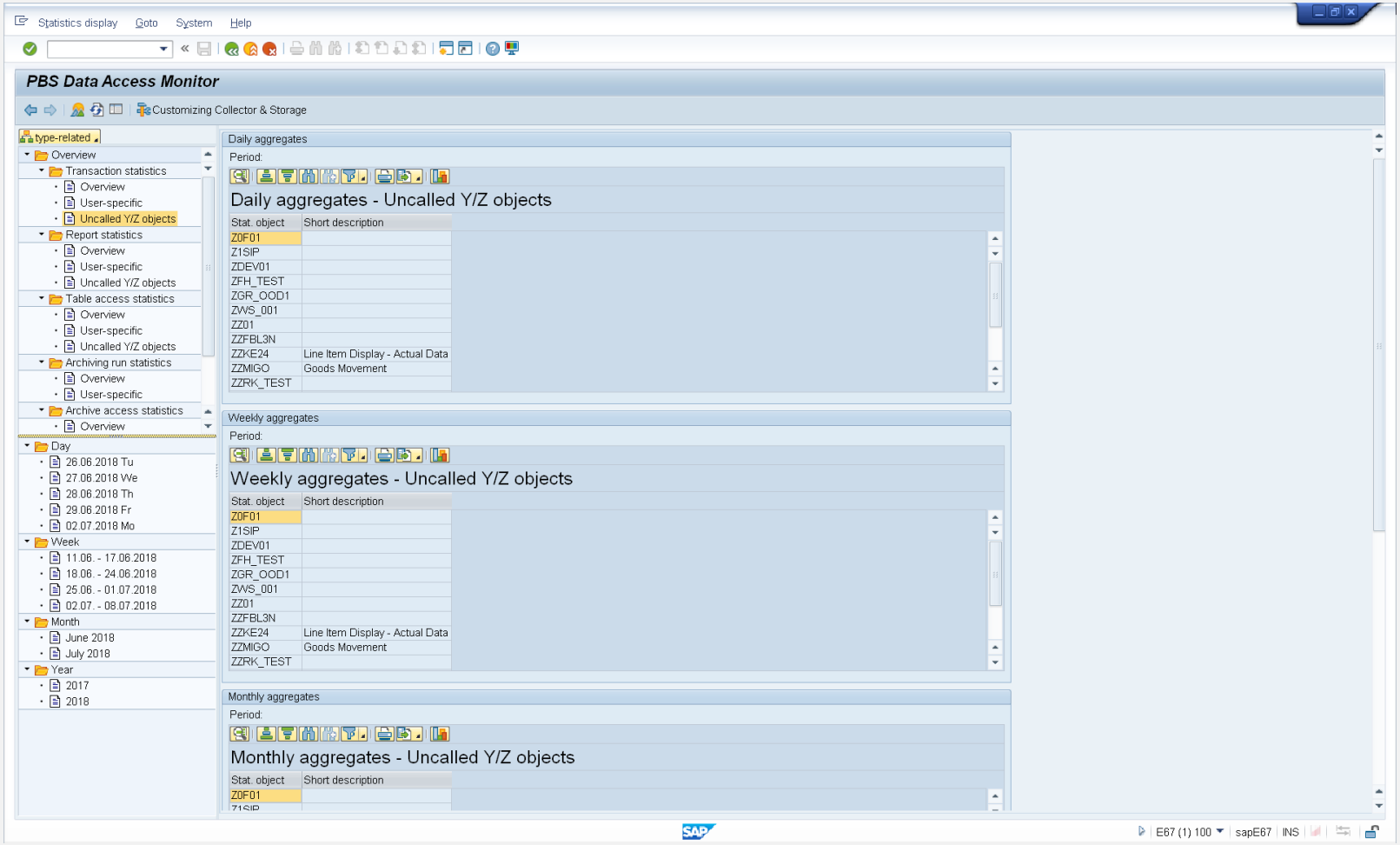
Automated collection of statistical information on tables, transactions, reports, storage and archive access

- Aggregation on a daily, weekly, monthly and annual basis
- Free definiton of retention periods for statistical data
- Top or bottom 10 display
- User-specific evaluation if there is a special authorization (SAP authorization object)

PBS Data Access Monitor



PBS Data Access Monitor



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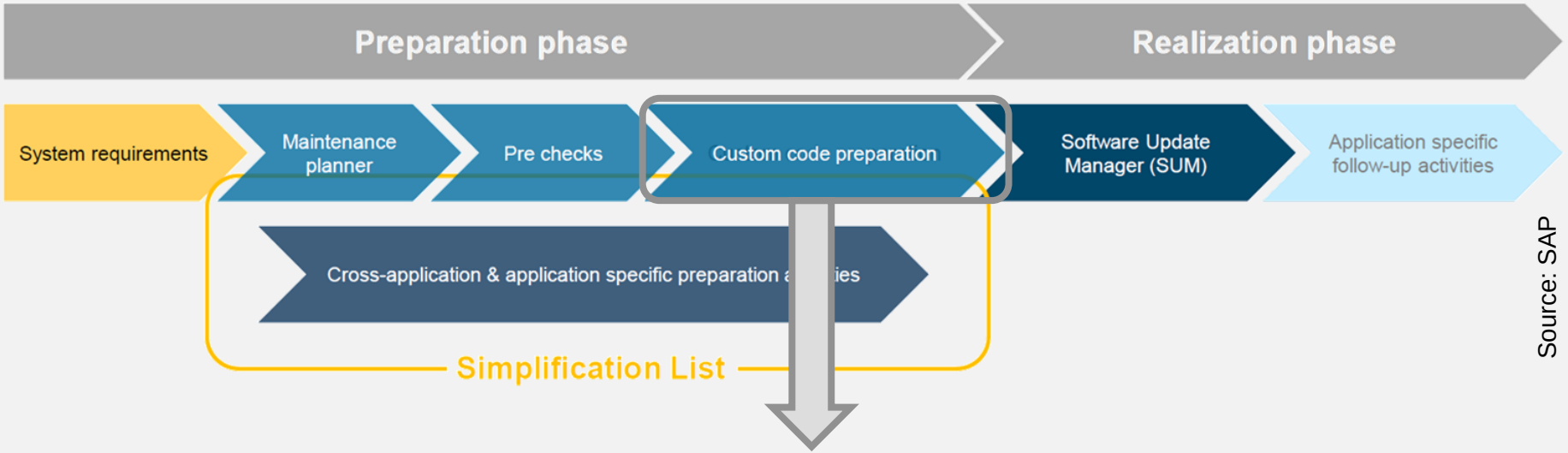
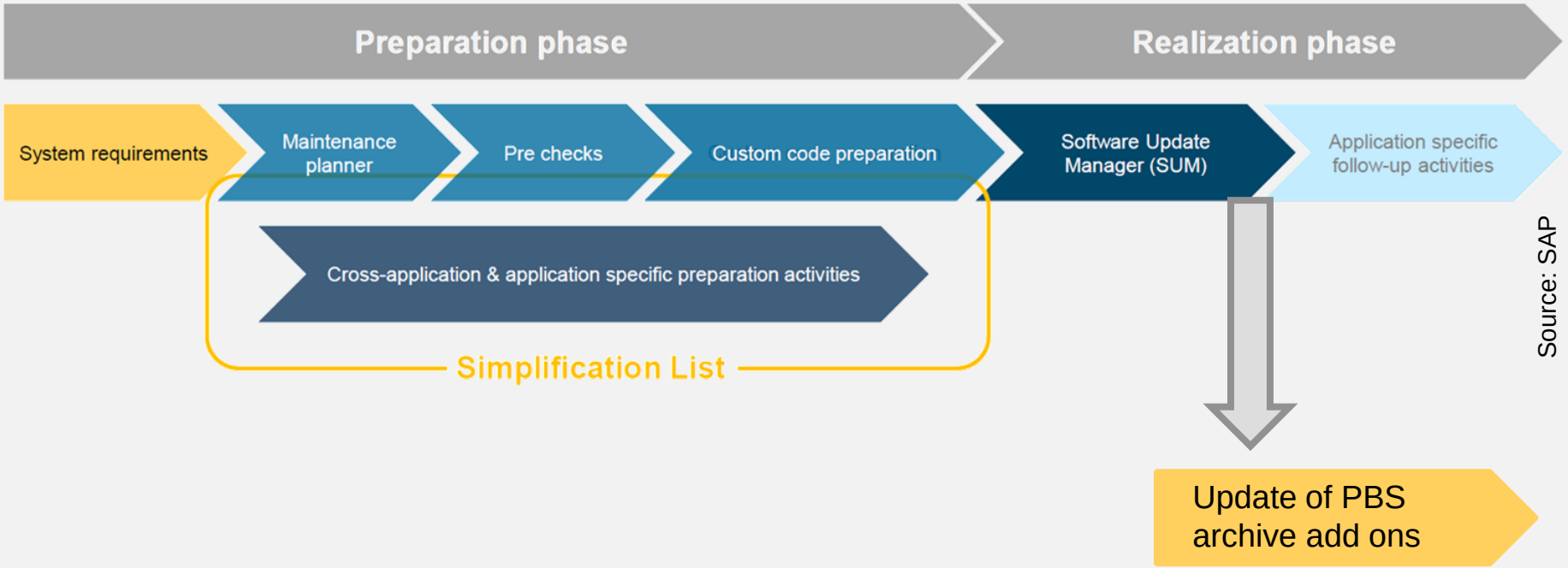


Source: SAP

Archive access with routines and function modules of PBS archive add ons do **not** have to be adapted.

Migration — Installation PBS archive add ons



Installation of the PBS archive add ons

Contact with PBS

1

Installation Attribute Change Packages (ACP)

2

Implementation of Migration

3

New Installation of PBS archive add ons

Installation of the PBS archive add ons

Contact with PBS

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Installation Attribute Change Packages (ACP)

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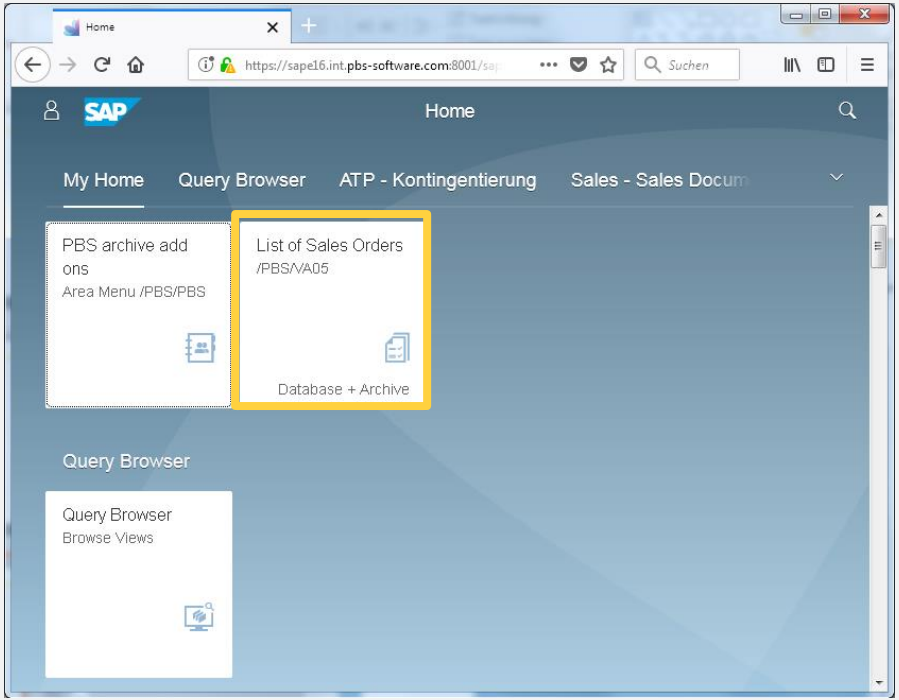
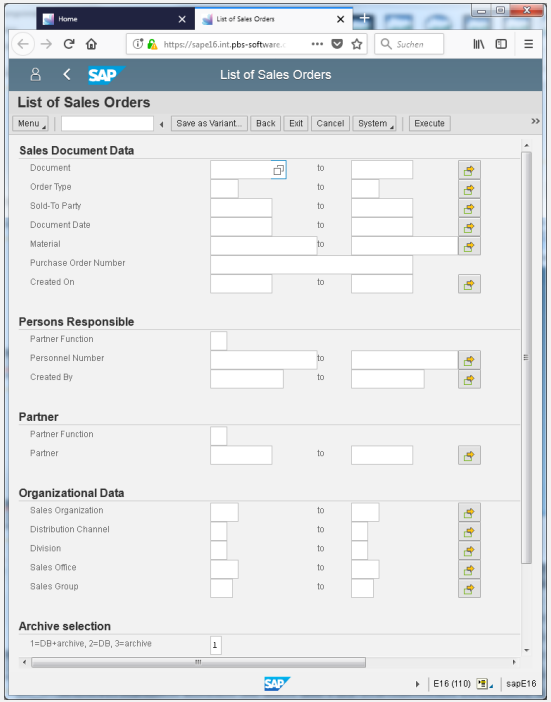
Fiori Launchpad

All PBS transactions and the PBS area menu can be integrated in the Fiori Launchpad.





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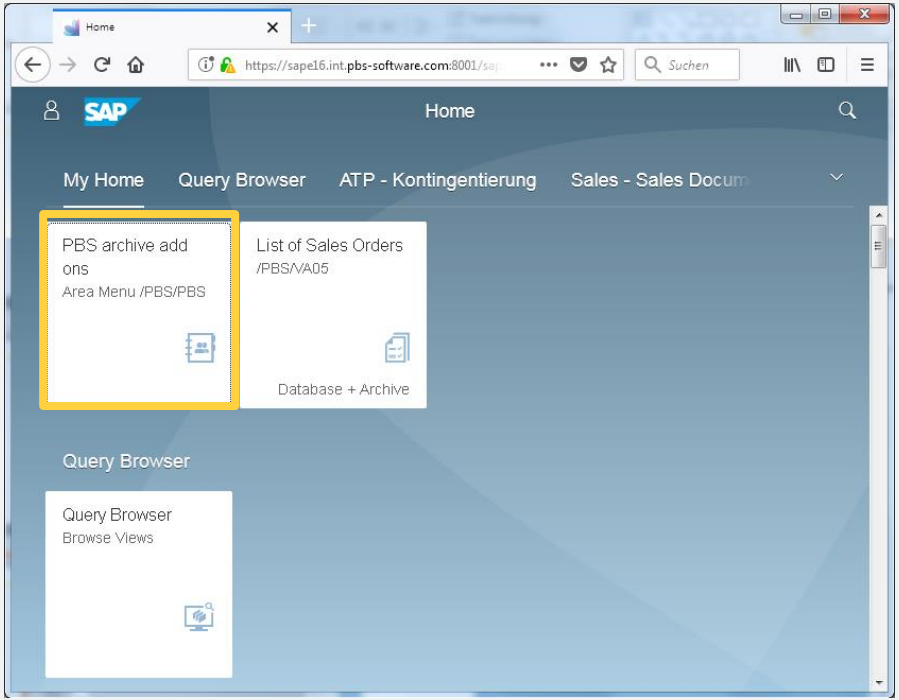

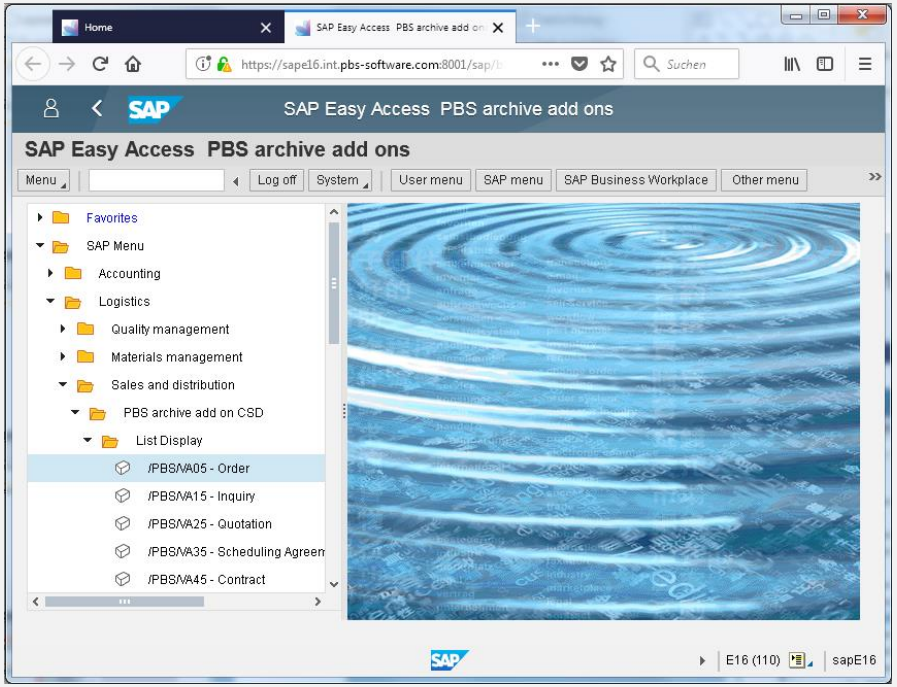

What is the status and what are the next steps?

- Q4/2017 SAP Integration Certification für CFI
- Q1/2018 Start of completion of all PBS archive add ons for S/4HANA 1610 and 1709
- Q3/2018 Certification of all PBS archive add ons for S/4HANA 1709
- Adaptation of new HANA transactions (for ex. FBL1H)
- Further development of archive data access via Fiori Apps
- Extension of portfolio for PBS Fiori Apps

Summary

- An important factor for a successful system conversion is the consistent data archiving.
- PBS tools help to analyze the system.
- PBS archive add ons ensure the access to archived data.

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