



Paths for **Transitioning to SAP S/4HANA**

CAA114

PUBLIC

Speakers

Las Vegas

September 24–27, 2019

Roland Hamm

Barcelona

October 8-10, 2019

Markus Goebel

Bangalore

November 13-15, 2019

Sean D'Silva



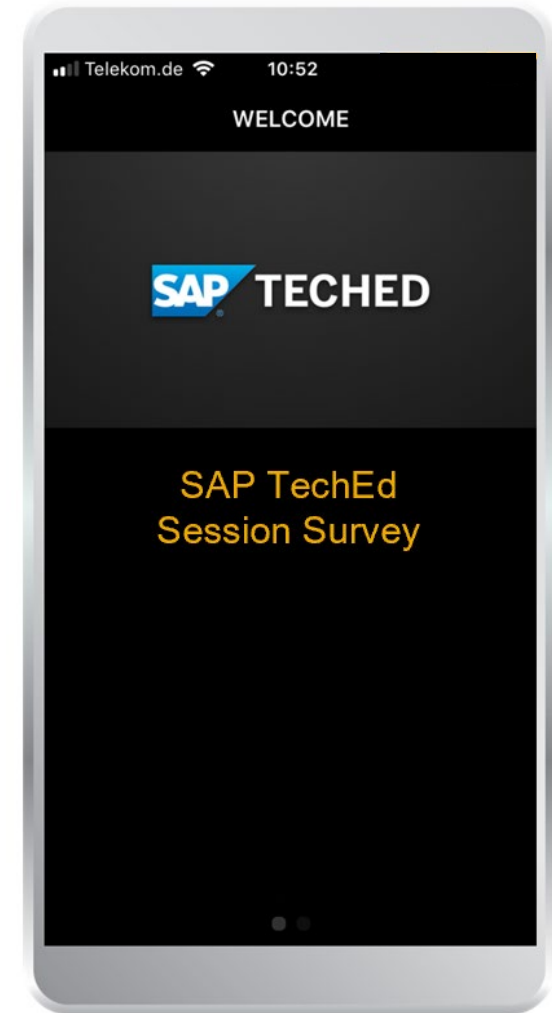
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- architecture & release strategy

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SAP Readiness Check for SAP S/4HANA

Summary

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- recommended links to further information



Things are different with SAP S/4HANA ...

SAP S/4HANA Enterprise Management is SAP's next-generation digital core ...

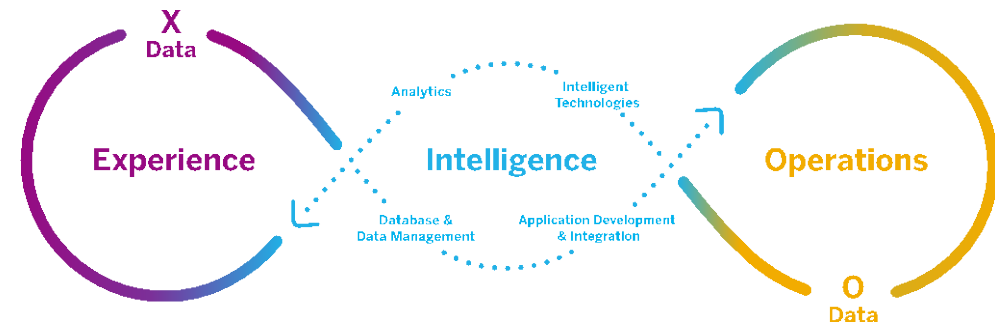


- Innovative in-memory database
- New architecture and new data models
- Renewed applications
- Cloud & on-premise deployment models
- New UI technology (Fiori) & digital assistance & natural language conversations
- Intelligent Automation
- Natively integrated

→ **SAP S/4HANA is a new product line.**

It enables you to consume those innovations which can improve your business processes to run best in a modern economy. The classical SAP Business Suite incl. SAP ERP is a separate product line and will still be available.

... and a cornerstone of the NEW Intelligent Enterprise Framework



Choose the destination that's right for you



SAP S/4HANA Cloud



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



SAP S/4HANA*

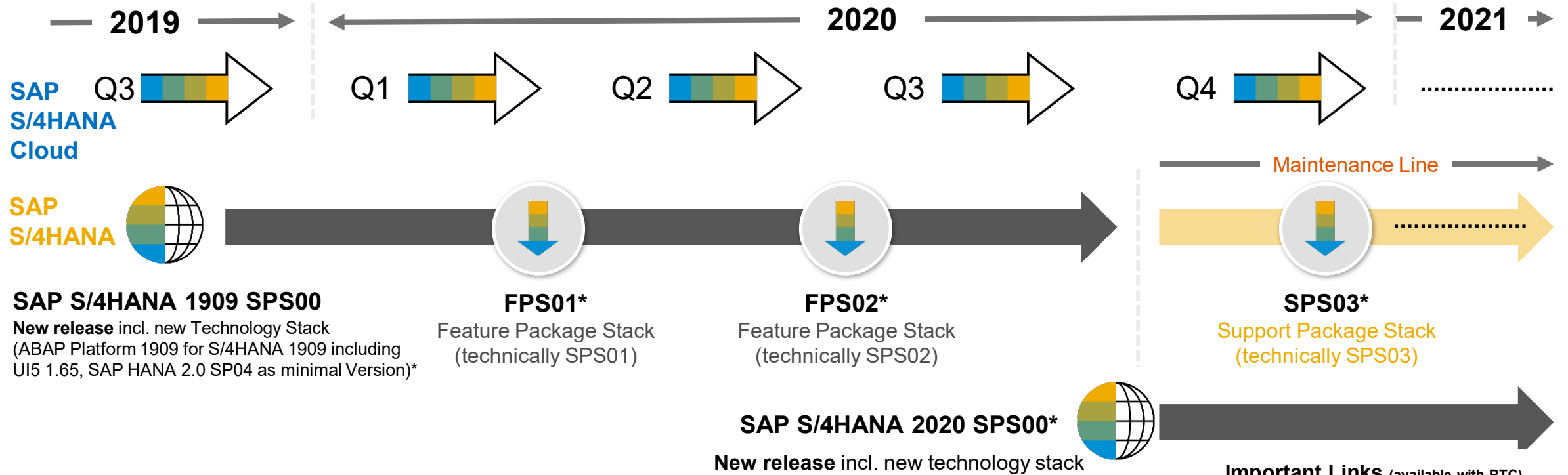
Business Process	Standardized, core ERP	Flexible, ext. ERP	Customizable, ext. ERP
Innovation Lifecycle	Quarterly	Semi-annual	Annual, customer-led
TCO	Lowest	Lower	Higher
System Governance	SAP-led	Customer-influenced	Customer-led
IT Infrastructure	SAP, public	SAP, dedicated	Customer-managed
Customization	Within Standards	Within standards	Open to modifications
Extension	PaaS, SCP	PaaS, SCP	Open, SCP
System Delivery	New implementation	New implementation	New or ECC conversion

*Private cloud managed by SAP & On-premise managed by cloud providers or customers

SAP S/4HANA

Release strategy for 2019 / 2020 and definition of deliveries

SAP PREVIEW







Support Package Stack for SAP S/4HANA 1909*

After general availability of SAP S/4HANA 1909, Feature Package Stacks (FPS) and Support Package Stacks (SPS) contains stabilizations bundled with corrections and legal changes. Customers benefit from this functionality as part of their maintenance fee. First SPS of a new release can contain selected features and are labelled Feature Package Stack (FPS) accordingly.

Support Package Stacks are compiled periodically and made available in the [SAP Service Marketplace](#)

Important Links (available with RTC)

-  [1909 Release Information Note](#)
-  [1909 Release Restriction Notes](#)
-  [Restrictions and recommendations regarding specific revisions of the SAP HANA database for use in SAP S/4HANA](#)
-  [Release and maintenance strategy for SAP S/4HANA](#)

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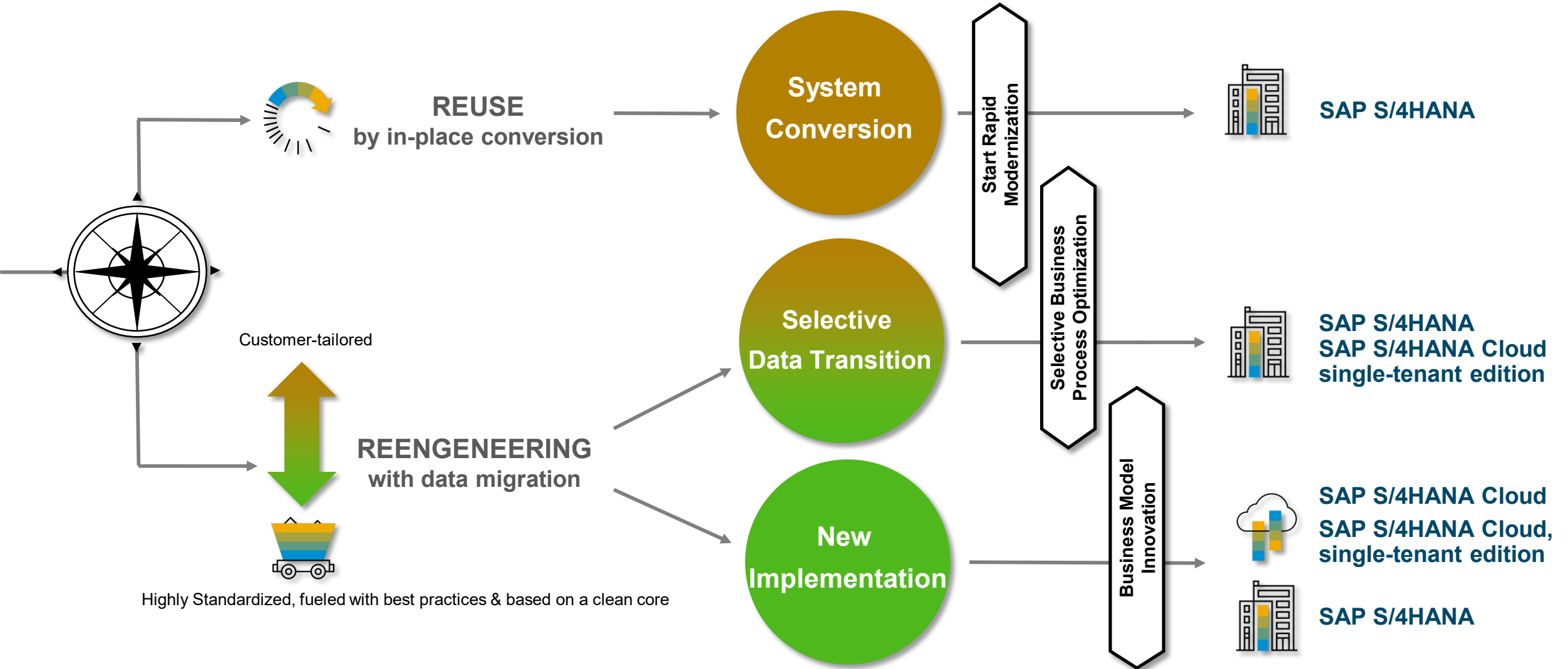
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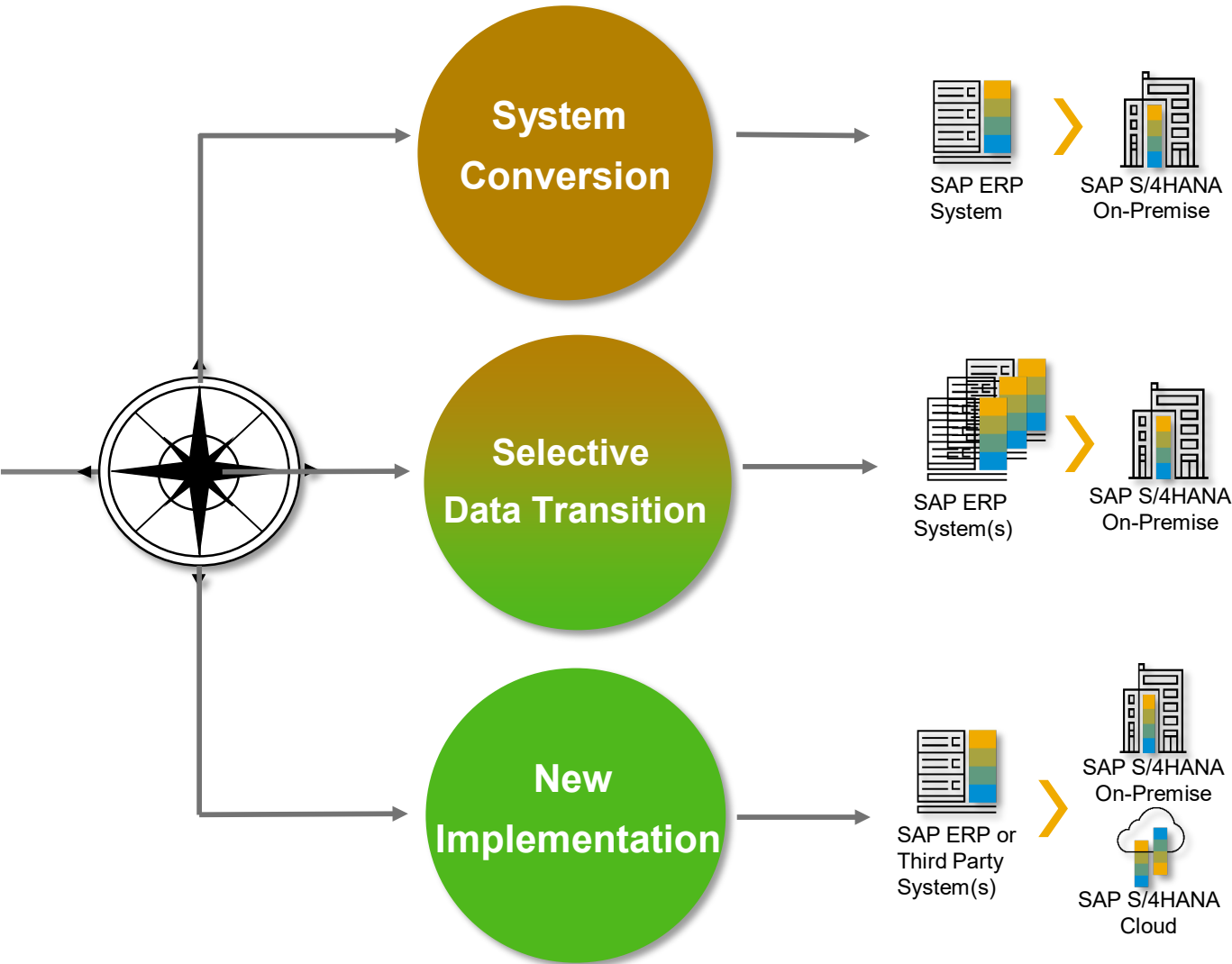
- recommended links to further information



Your way to SAP S/4HANA (1/2)



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



Bring your business processes to the new platform

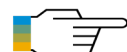
- A complete technical in-place conversion of an existing SAP Business Suite ERP system to SAP S/4HANA
- Adopt new innovations at your speed
- Delivery model in S/4HANA shipment included

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 pre-configured best practice content on an innovative platform
- Migrate your master data & retire old landscape
- Delivery model in S/4HANA shipment included



Transition to SAP S/4HANA - System Conversion

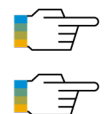
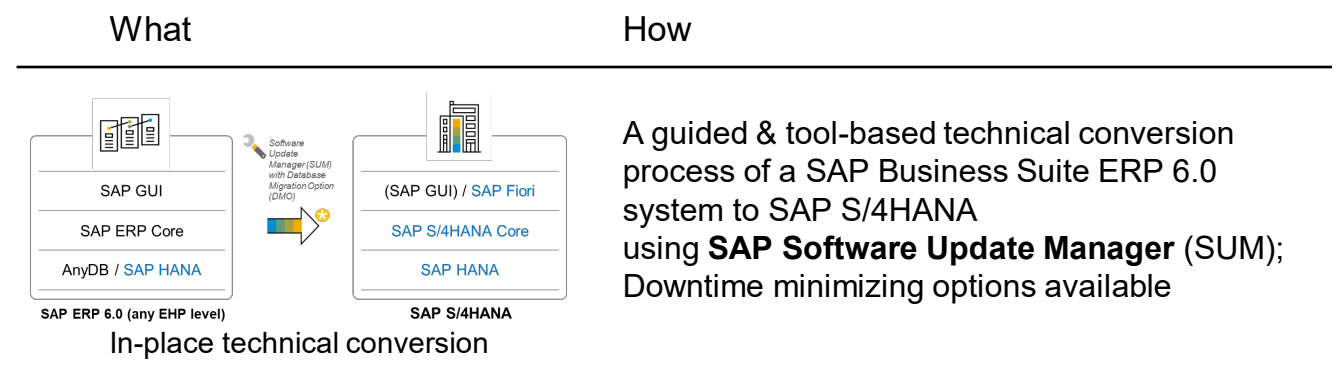
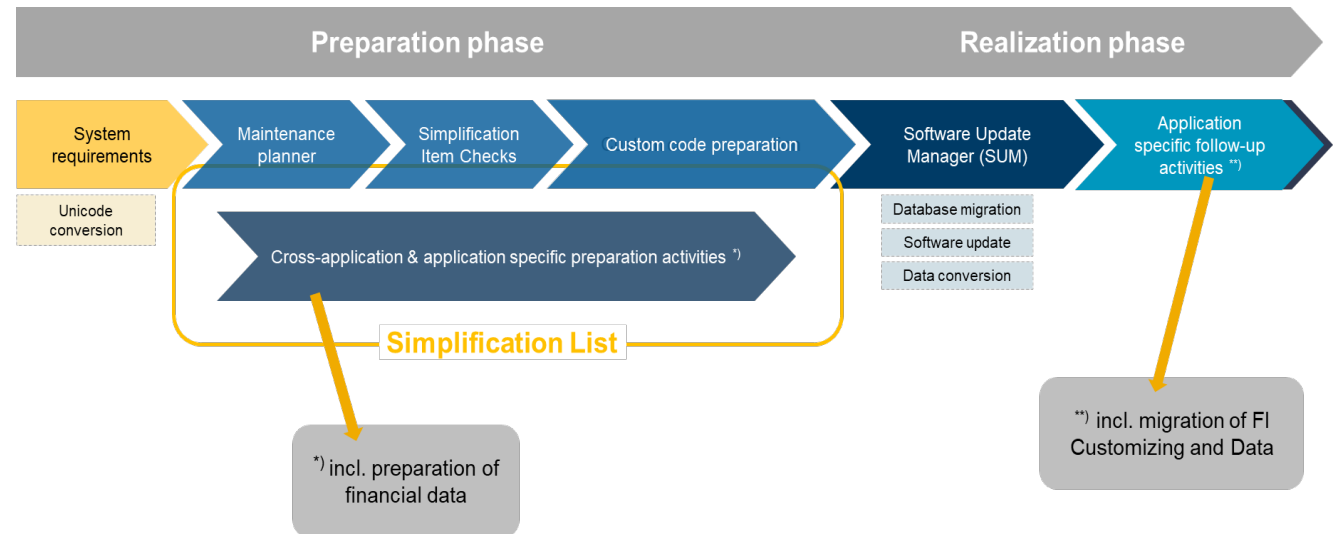
Scenario description

A complete technical in-place conversion of an existing SAP Business Suite ERP 6.0 system to SAP S/4HANA

- Comprehensive analysis and check tools ensure data consistency and system readiness
- SAP Readiness Check and the conversion tools ensure appropriate project planning and smooth execution

Why you chose this option

- Bring your existing business processes to the new platform.
- Keep your investment in custom code
- Mitigate the risk and investment of a big bang conversion project by running a technical conversion project with some focused, selected innovation,
- Adopt more new innovations at your speed at a later point of time and in a phased approach.



[SCN Blog: SAP S/4HANA System Conversion – At a glance](#)



CAA113 > CAA202 > CAA261

Transition to SAP S/4HANA - New Implementation

Scenario description

New implementation of SAP S/4HANA, e.g. for customers migrating a legacy system, also known as “greenfield” approach

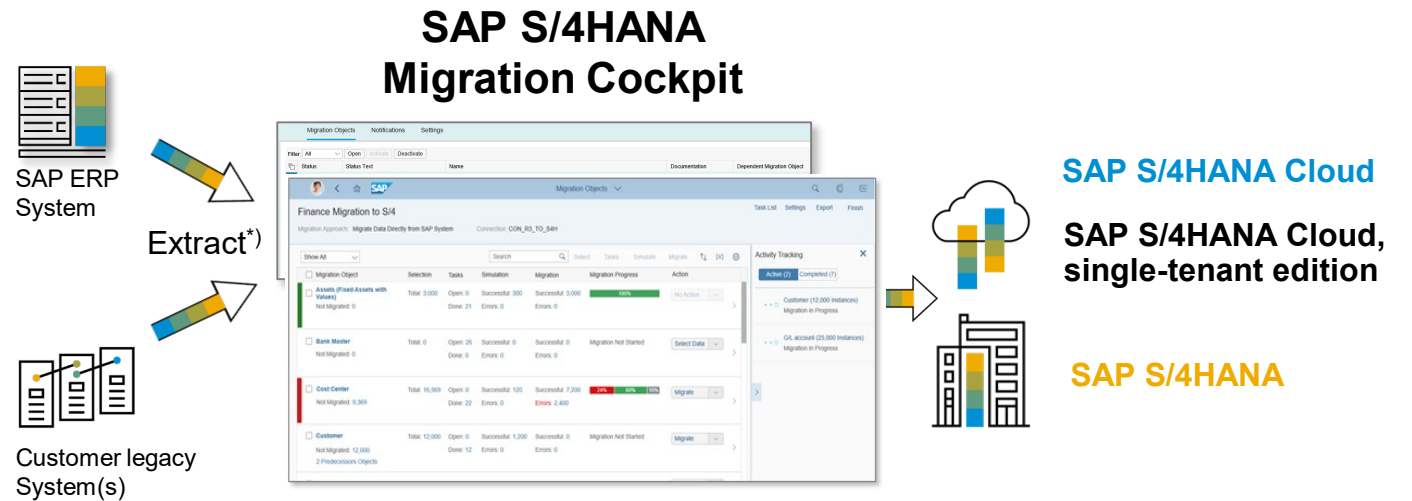
Why would you choose this option?

Customers planning to migrate

- A non-SAP / 3rd-part legacy system,
- A good option for a SAP system, which
 - Maybe of an older release and/or
 - Is highly customized/modified and/or
 - Does not meet the system requirements for a technical system conversion



Benefits for the customer are

- Reengineering and process simplification based on pre-configured, best practice business processes and on a clean core
- Rapid adoption of new innovations in a standardized manner



*) Three migration approaches available:

- Data upload from file or staging tables
- Direct transfer of data from SAP sources (new with release 1909); see [overview presentation](#) for details

What	How
 Install SAP S/4HANA	Software Provisioning Manager
 Initial data load from source system	- SAP S/4HANA Migration Cockpit – SAP’s recommended tool of choice - can be complemented by SAP Data Services (DS) or SAP Advanced Data migration (ADM) by Syniti

Transition to SAP S/4HANA - Selective Data Transition

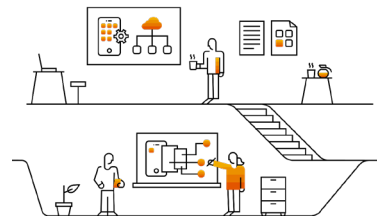
The selective data transition covers the migration of relevant business data from SAP ERP to SAP S/4HANA. It includes many options related to the handling of software & data provisioning, requiring additional expert services and tools to accomplish.

SAP strongly advises you to engage SAP Digital Business Services or specialized SAP Partners equipped with the necessary tools and experience with such an approach.

Reasons for selecting a Selective Data Transition approach:

- 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
- Necessity to retain historic data in productive system
- Often effort intense & complex to load historical data
- Increased risk vs. other options

 [Join the SAP S/4HANA Movement](#)



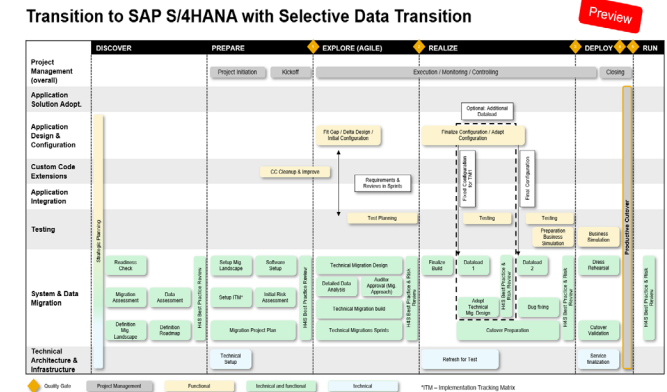
SAP S/4HANA Selective Data Transition Engagement ^{*)}

Pilot member companies: ^{**)}



Customer value proposition:

- Quality standards
 - Solutioning, project management, and delivery of complex selective data transitions to SAP S/4HANA
- Aligned valid transition scenarios
- Best practices & solution patterns for resolution of transition scenarios
- A common approach for a tool-based migration

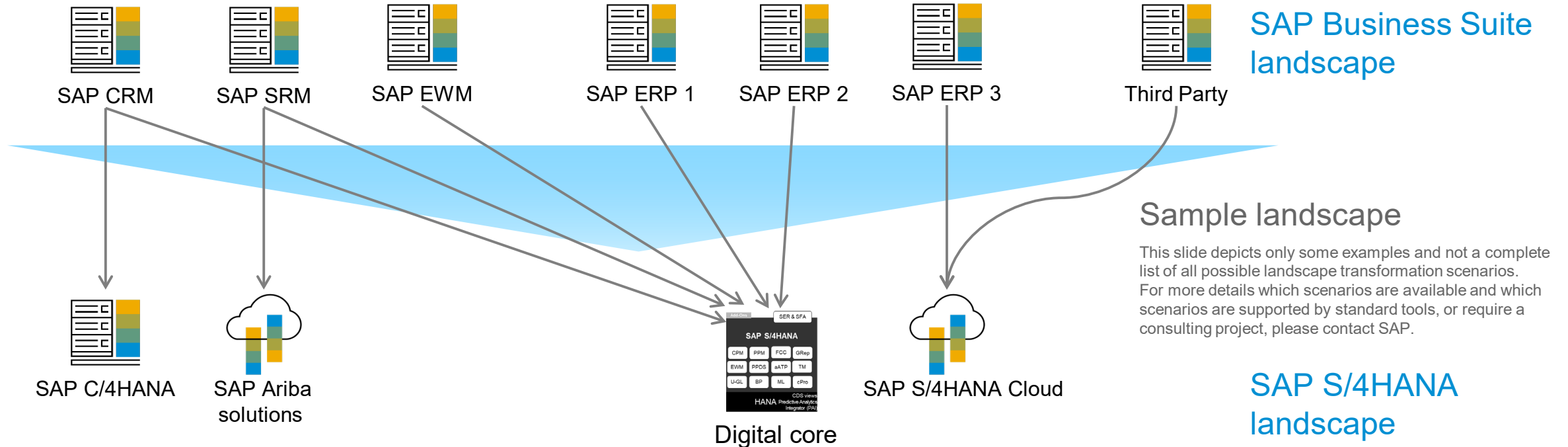


^{*)} A global expert community has been recently founded that agrees on joint standards, methods and processes to provide customers with a reliable & proven migration approach to SAP S/4HANA.

^{**)} This is the current state of planning and may be changed by SAP at any time without notice.

Transition to SAP S/4HANA - The IT Landscape point of view

Example



- Start with the transition of your SAP ERP application to SAP S/4HANA
- Successively transform your current solution landscape based on SAP Business Suite into a hybrid landscape around SAP S/4HANA as the digital core to be ready for the Intelligent Enterprise
- Migrate data and processes between systems



Discover www.sap.com/TransformationNavigator* for guidance to your future product map centered on SAP S/4HANA

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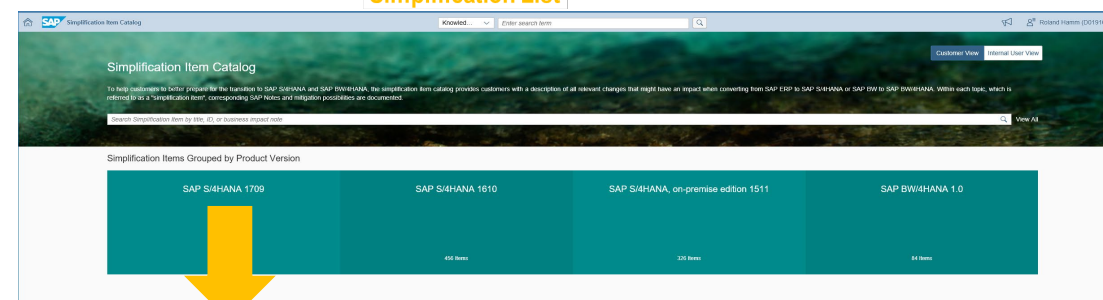
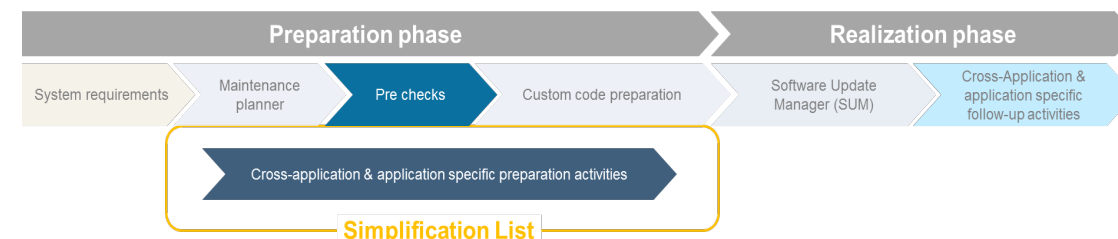
- recommended links to further information



SAP S/4HANA System Conversion - Simplification List

The **simplification list** is a collection of **simplification items**:

- A simplification item documents differences in application functionality (changed, replaced, removed) between SAP ERP 6.0 and SAP S/4HANA
- A simplification item provides information about the potential impact of this change for the customer
- The simplification list provides this information per SAP S/4HANA On-Premise release as part of the SAP S/4HANA documentation
- The **SAP Readiness Check for SAP S/4HANA**, the **SAPABAP custom code analysis**, as well as the **simplification item checks** are based on the information in the Simplification Items



ID	Title	Application Area	Application Component	SAP Note
5114	Utilities_IDE_OUTGOING_PAYMENT	SATWL - IDE Outgoing Payment Processing	Industry Utilities	2574483
5303	DR_BAA	SATWL - Removal of Business Application Accelerator	Cross Topics	1634697
5307	CM_DCS_ACCESS	SATWL - Simplified DCS Access	Commodity Man	
5306	CM_COMMODITY_CURVES	SATWL - Simplified Commodity Curves	Commodity Man	
5308	Logistics_General	SATWL - Season Active in Inventory Management	Industry Retail &	
532	Loans_CML_Banking	SATWL - CML specific functions with regard to collaterals and collateral objects	Industry Banking	
5115	FIN_TRM	SATWL - Allocation of FX Transactions to Financial Documents and Cash Management	Financials - Trng	
5307	Logistics_General	SATWL - Fashion Forecasting	Industry Retail &	
5306	Logistics_General	SATWL - Segment Field Length Extension	Industry Retail &	
538	Logistics_CM	SATWL - Removed Navigation to Transactions for Evaluations in CM	Logistics - CM	
5111	Logistics_MM-M	SATWL - Blocked customer or supplier in inventory Management	Logistics - MM-M	
5325	MasterData_BP	SATWL - API RFC_CVI_EI_INBOUND_MAIN is obsolete	Master Data	
5325	MasterData_BP	SATWL - Batch Input for Customer Master/Supplier Master	Master Data	
5119	PROC_CPRR_SPPR	SATWL - Webforms Applications for Purchase Requisition Transfer from ERP to S/4H	Procurement	
5322	Logistics_EHS	SATWL - Adjustments needed due to changed data model for Compliance Requirement	Logistics - EHS	
5119	CT_ARMS	SATWL - ARMS Enhancements for Material Master	Cross Topics	2483412
5118	CT_BH_EXTRACTORS	SATWL - BI Extractors in SAP S/4HANA	Cross Topics	3552022
533	FIN_SLI_SR_DV	SATWL - Determination of default values in Interstat reporting	Financials - International Trade	2482294

As of SAP S/4HANA 1809 there are ~600 Simplification Items, but for a given customer system only approx. 40 - 80 Simplification Items are typically relevant and require attention!

Access Simplification Items via Simplification Item Catalog:

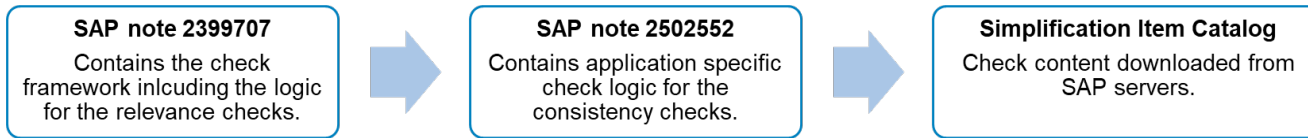
- <https://launchpad.support.sap.com/#/sic/>
- [SAP S/4HANA on the SAP Help Portal](#)
- SAP Blog: [SAP S/4HANA Simplification Item Check – How to do it right](#)
- SCN Blog: [The TOP Simplification List Items](#)

SAP S/4HANA System Conversion - Simplification Item Checks

- Simplification item ('SI') Checks are shipped as SAP TCI Notes.
- SI-checks are executed on the (SAP Business Suite) start system (preparation phase) to **determine relevant Simplification Items and mandatory application specific preparation steps.**
- Check if serious issues exist in the system which could cause the system conversion/upgrade to fail.
- Support **not only system conversions** to SAP S/4HANA, but **also upgrades** within SAP S/4HANA
- SI-Checks are executed again as step in the Software Update Manager (SUM). In case dedicated Simplification Items require mandatory preparation steps the conversion procedure can stop to ensure a consistent system conversion.

The screenshot shows the 'SAP Simplification Item List' table. A red box highlights the 'Relevance' and 'Last Consist.' columns. A red arrow labeled 'Relevance Check' points to the 'Relevance' column, and another red arrow labeled 'Consistency Check' points to the 'Last Consist.' column. The table contains several rows of data with various status icons (yellow triangles, red circles, green squares) in the highlighted columns.

Component	Category	Relevance	Last Consist.	Exemption	Note	Summary
LO-MD-BP	Change of existing functionality	▲	⊘	⊘	2265093	Check performed, item is probably relevant. Check business impact note.
FI-GL	Change of existing functionality	▲	⊘	▲	227...	Check performed, item is probably relevant. Check business impact note.
LO-RFM,LO-RFM-MD,LO-RFM-MM	Change of existing functionality	▲	⊘	⊘		Check performed, item is probably relevant. Check business impact note.
LO-MD-MM	Change of existing functionality	▲	⊘	⊘		Check performed, item is probably relevant. Check business impact note.
MM-IM-GF	Change of existing functionality	▲	⊘	⊘		Check performed, item is probably relevant. Check business impact note.
CO-PC-ACT	Change of existing functionality	▲	⊘	⊘		Check performed, item is probably relevant. Check business impact note.
SD-BF-PR,SD-MD-CU	Change of existing functionality	▲	⊘	⊘		Check performed, item is probably relevant. Check business impact note.
LO-RFM,LO-RFM-SWT	Change of existing functionality	▲	⊘	⊘	235...	Check performed, item is probably relevant. Check business impact note.
MM-IM-GF-VAL	Change of existing functionality	▲	⊘	⊘	226783	Check performed, item is probably relevant. Check business impact note.
FIN-MIG-ML	Change of existing functionality	▲	⊘	⊘	2352383	Check performed, item is probably relevant. Check business impact note.



Relevance Check:

- Identifies probably relevant Simplification Items based on an analysis of the data in the system.
- For informational purpose, so customers know which Simplification Items and related SAP notes to have a closer look at.



Consistency Check:

- Identify critical issues which could prevent a successful system conversion and where an action from customer side is required.
- Will prevent Software Update Manager from going into the downtime, if not all critical errors are fixed or exempted.

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Comparing the Paths to SAP S/4HANA

Tasks that you have to consider independent of the transition scenario

- **Preparation of master data for customers, vendors, employees, or materials**

Some master data has to obey to stricter check rules in SAP S/4HANA. Therefore, this data has to be checked and corrected before going to SAP S/4HANA independent of transition scenario.

- **SAP S/4HANA simplifications**

- Become familiar with Simplification Items for target release. Sufficient time for workshops, training (Change Management) has to be included in project plan.
- Concepts such as central business partner, new general ledger or new asset accounting are obligatory in SAP S/4HANA. Design and implementation of these topics are largely the same for any transition scenario.
- For certain applications or functions that are no longer available in SAP S/4HANA you have to implement new solutions as replacement. Efforts for these activities are virtually the same in both transition scenarios

- **SAP HANA DB**

If you move for the first time to SAP HANA as database, operational changes are the same.

- **Interfaces**

Most standard interfaces to external systems and data sources shall still work with SAP S/4HANA. In case of exceptions, necessary adjustments are virtually the same in both transition scenarios. New implementation means new implementation of interfaces, too.

New Implementation approach - best practises

SAP Model Company as a Foundation

- Using SAP Model Company as a template and foundation for system design means **applying a fit-to-standard approach** instead of writing a blueprint from scratch or reworking a legacy design.
- It has at least three advantages:
 - Allows for much faster implementation, (i.e. shortening significantly the project's discovery and implementation phase).
 - 1. results in a higher "fit to standard" i.e. cutting down the custom development
 - 2. SAP Model Company services are built to cloud standards
m Integration service

Clean Core

- In practical terms, keeping the core clean means:
 - Applying a zero-modification policy from the project's first day
 - Using white-listed APIs only
 - Leveraging SAP S/4HANA in-app extensibility to its full extent
 - Employing the capabilities and services offered by SAP Cloud Platform to build larger extension applications
 - Utilizing the SAP Cloud Platform Integration service

Key Success Factors

Conversion to SAP S/4HANA requires applications, functional staff and consultants with broad knowledge of Financials, Controlling and Asset Accounting

- Ensure availability of key business people to work with application consultants on resolving functional issues

Consistency checks for master data are more restrictive in SAP S/4HANA, especially important: Customer/Vendor/Employee, Financials/Controlling and Material master

- Prior to running the system conversion this data shall be thoroughly analyzed and cleaned.
- Consider setting up a pre-project to resolve data inconsistencies in Finance. They should be resolved before project starts in order to avoid any delays

Plan 2 to 3 test conversions on a sandbox/isolated system

(refresh / new copy of the system might be necessary) before setting up development system

- An accurate project planning can be done only after the first conversion on a sandbox/copy of production has been finished
- Identify all the activities which can be done at any time and execute them before or during the preparation phase
- Plan Dress Rehearsal (test conversion of productive system under real-time conditions)
- Maintain a detailed 'Run Book' with as much as possible details, all the steps performed, the sequence, the errors and the resolution and also the time required for each activity.

Recommendations for System Conversion

- Check if (consistent) **archiving** can be done to reduce data volume to be converted
- Check the **compatibility of the 3rd party products** as soon as possible and allocate time for more extensive testing
- Both **SAP Fiori** and **Embedded Analytics** should be considered to leverage the full potential of SAP S/4HANA
- Plan a dedicated **SAP Fiori Expert Role** as part of the project team to work with business, functional and basis
- Plan **sufficient time for testing of roles and changes in authorizations**
- Use the **opportunity to replace Custom Code** with standard functionality where possible
- BW Extractors → Simplification Item **2500202** - S4TWL - BW Extractors in SAP S/4HANA
- Consider to migrate from SAPscript forms to **Adobe Document Services**
- Deletion of obsolete data after successful validation of the completed Conversion:
→ **SAP obsolete data handling tool and application specific SAP notes:**

Component	SAP Note	SAP Note Title
CA-EPT-ODH, CA-EPT-TAS	2661837	How to enable and use the obsolete data handling tool in SAP S/4HANA
MM-IM-GF	2569435	Remove content from obsolete tables in MM-IM: Save DB memory and remove data that is not covered by Information Lifecycle Management
FIN-MIG	2190137	S/4HANA Finance: Reduce memory footprint of obsolete tables

Actual findings from customer projects & recommendations



System conversion projects are in average shorter and cost less than new implementation (Greenfield) projects

- Many customers choose system conversion for doing a ‚technical uplift‘ to the SAP S/4HANA platform; intensive adoption of new SAP S/4HANA applications and SAP Fiori UI Technology is often addressed in follow-up projects.
- Analysis of installed-base SAP S/4HANA projects with a (planned) go-live in 2018 or later shows, that more than half chose system conversion, this trend is rising...

SAP S/4HANA Finance and SAP S/4HANA Enterprise Management projects have pretty much the same project duration

- In general a two-step approach by moving to SAP S/4HANA via SAP S/4HANA Finance does not make sense

Is a phased approach possible?

- Phased move to SAP S/4HANA by organization units (company code- / client-wise → Selective Data Transition scenario), vs.
- System conversion approach with reduced scope as a technical uplift for all organizational entities with low impact, followed by individual process optimizations/adaptations per organizational entity.

For SAP ERP on any DB customers a two-step approach via SAP ERP on SAP HANA has in general no significant benefits

- individual exceptions may make sense in case of for non-unicode systems & for SAP ERP system releases < SAP ERP 6.0

SAP stopped offering system conversion paths from SAP ERP to older SAP S/4HANA releases for new projects.

- System conversions will always be possible to the latest two SAP S/4HANA releases (on ‚stable stacks‘).
i.e. with RTC of release 1809 FPS02 the simplification item pre-check will not allow conversions to releases 1511 & 1610. *)

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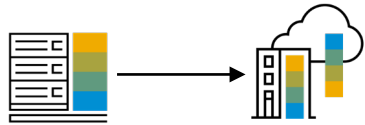
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Facilitate Migration Projects with SAP S/4HANA Migration Cockpit



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



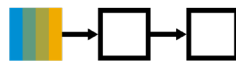
2. Preconfigured migration content specific to SAP S/4HANA

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



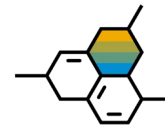
3. Integrated in SAP Activate methodology

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



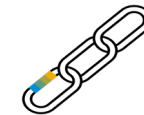
4. Easy and safe migration

- **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-specific requirements**
- **Ability to extend existing SAP migration objects**
- **Integration of custom-specific objects**



6. Outlook

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

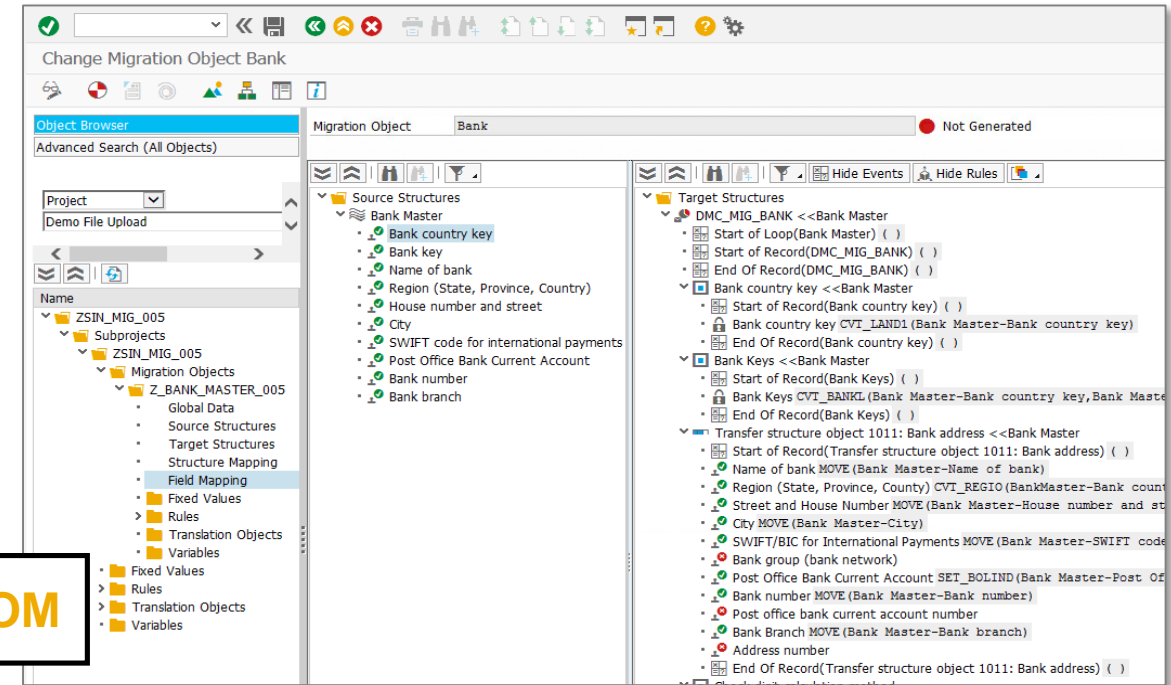
SAP S/4HANA Migration Cockpit - Migration Object Modeler

New
Implementation



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



Tx: LTMOM



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SAP S/4HANA – a short introduction

- architecture & release strategy

Overview transition options

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Best practices & recommendations

New implementation - essentials

System conversion – essentials

SAP Readiness Check for SAP S/4HANA

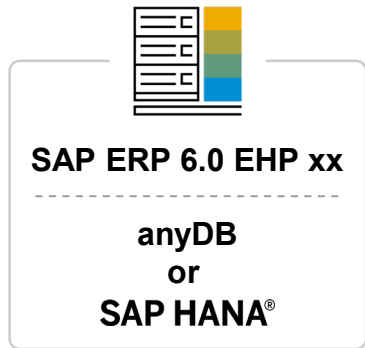
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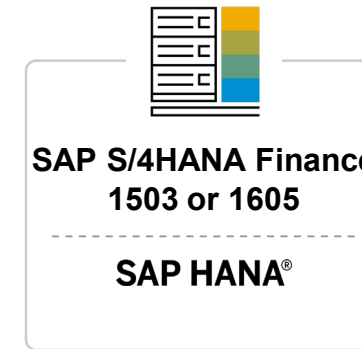
System Conversion – Transition Paths Overview



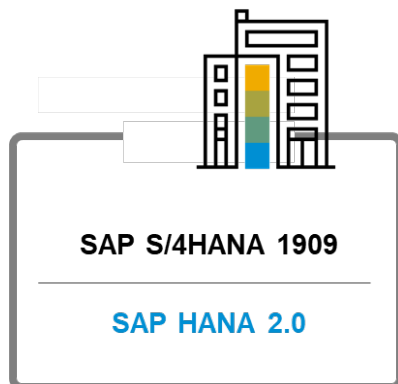
Prerequisites on source system

- Unicode is required
- ABAP single stack required
- SAP HANA database not required
- SAP Suite on HANA customers who are planning a system conversion to SAP S/4HANA 1709 or higher must first update the database from SAP HANA 1.0 to SAP HANA 2.0 and then do the system conversion

or



System Conversion



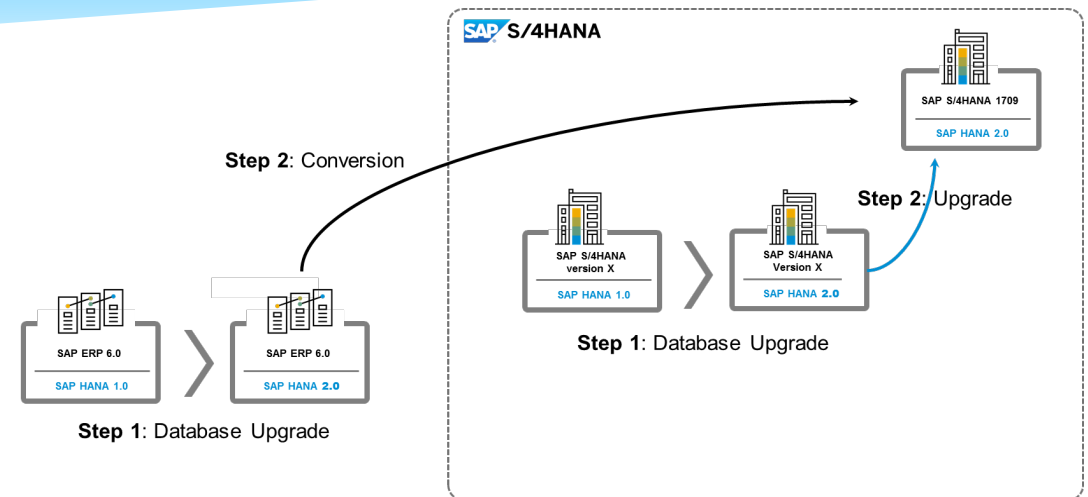
Prerequisites on target system

- SAP S/4HANA 1909 is based on SAP ABAP Platform 1909
- Since SAP ABAP Platform 1809 SAP S/4HANA has a different OS coverage → PAM



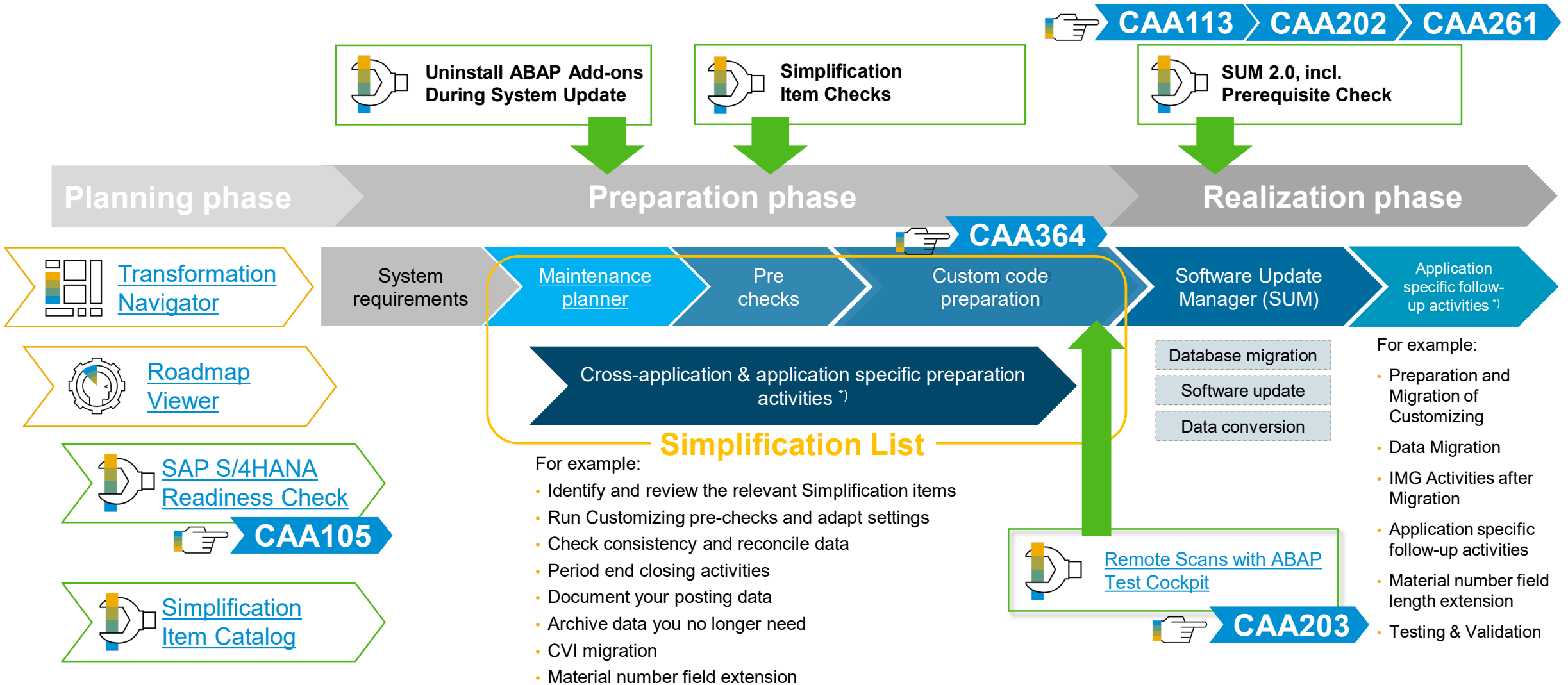
[SAP S/4HANA System Conversion – At a glance](#)
Conversion requirements incl. min./max. SP-level on source system:

- [2625407 - SAPS/4HANA 1809: Release Information Note](#)
- [2769531 - SAP S/4HANA 1909: Release Information Note](#)



SAP S/4HANA Conversion Project

An overview of a conversion project and the key tools



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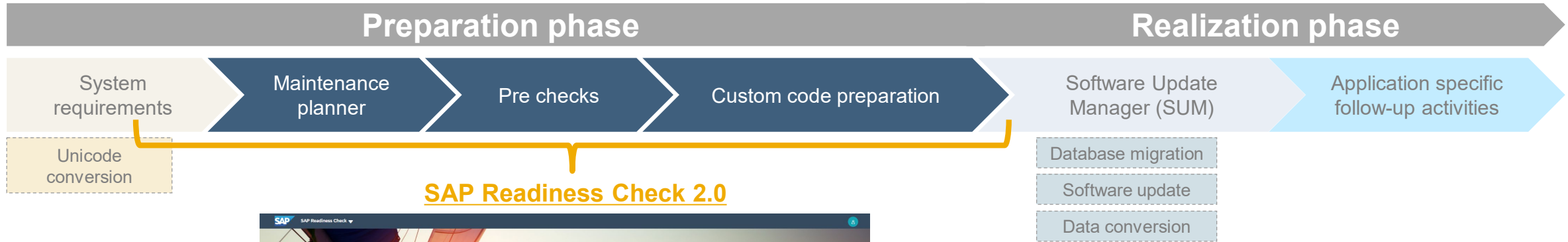
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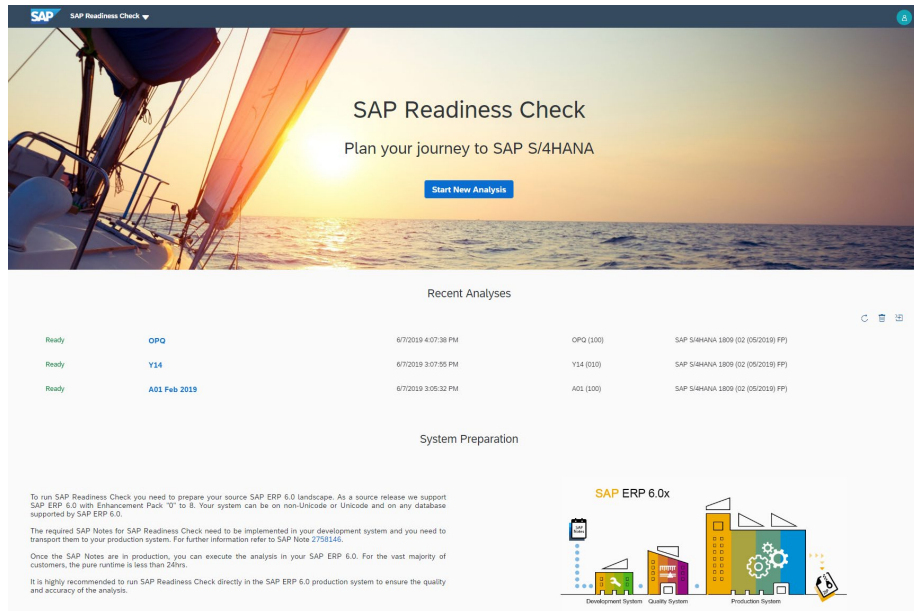
- recommended links to further information



SAP Readiness Check 2.0 for SAP S/4HANA



SAP Readiness Check 2.0



- A holistic system analysis is the foundation for further planning steps toward a successful and smooth SAP S/4HANA system transition.
- The SAP Readiness Check 2.0 for SAP S/4HANA summarizes the most important aspects of the conversion in an easily consumable way.



Introduction to the SAP Readiness Check 2.0 for SAP S/4HANA

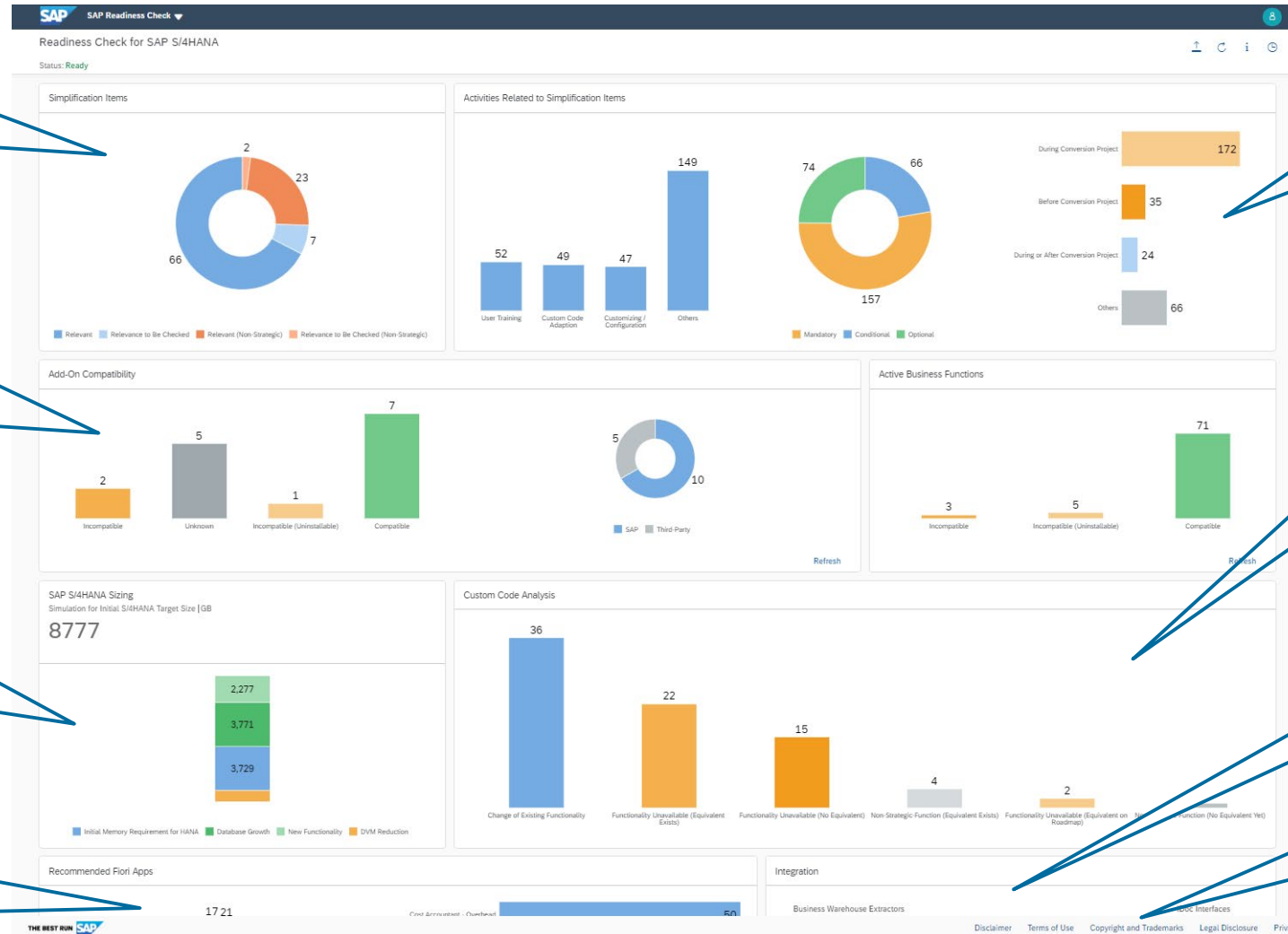
Overview of the user interface

Relevant Simplification Items based on your current usage in SAP ECC

Your currently installed Add-Ons and Business Functions checked for compatibility with SAP S/4HANA

Estimated memory and disk size, before and after clean up, including archiving potential

Recommended Fiori Apps based on your current usage



Action Items resulting from your relevant Simplification Items

Your Custom Code analyzed with respect to SAP S/4HANA compatibility

Shows whether your BW extractors and idocs are still working under SAP S/4HANA

Business Process Improvement potential

SAP Readiness Check for SAP S/4HANA vs. Simplification Item Check



	Type	User Interface	Types of checks included	Called by Software Update Manager (SUM)	Mandatory	Granularity	Use cases
SAP Readiness Check for SAP S/4HANA	Customer self service in the SAP Support Portal	Cloud based web interface	<ul style="list-style-type: none"> Simplification Item Relevance *) Custom Code (high level) Recommended Fiori Apps SAP S/4HANA Sizing Add-on Compatibility Business Functions 	No	No	high/mid level	<ul style="list-style-type: none"> Conversion to SAP S/4HANA
Simplification Item Check	ABAP Report in Customer System	SAPGUI	<ul style="list-style-type: none"> Simplification Item Relevance Check System Consistency*) before the conversion or upgrade 	Yes	Yes	detailed	<ul style="list-style-type: none"> Conversion to SAP S/4HANA Upgrade to a higher SAP S/4HANA release

*) You can upload the results of the simplification item consistency check run to SAP Readiness Check 2.0

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Summary: Recommended Preparation

Valid for all scenarios:

- Read: [Mapping Your Journey to SAP S/4HANA - A Practical Guide for Senior IT Leadership](#)
- **Familiarize yourself** with the available tools which can support your transition project!
- [SAP Roadmap Viewer](#) provides access to complete SAP Activate Methodology content (all tasks, templates and accelerators) and contains project experience from SAP S/4HANA implementations and supports implementation projects of SAP S/4HANA with a structured documentation
- Use [SAP Transformation Navigator](#) for guidance to your future SAP S/4HANA-centric product map

System Conversion specific:

- Start your project planning by running the [SAP Readiness Check for SAP S/4HANA](#) to get an overview and planning baseline about important topics you need to take care about and the related efforts and required skills.
- Run the [Maintenance Planner](#) early to confirm that your SAP ERP system (incl. SAP and partner add-ons) can technically be converted to SAP S/4HANA.
- Run the [Simplification Items checks](#) as soon as possible, as some business process adaptations may be complex and require more time than expected.
- **Start early with those preparation and cleanup activities** which can already be done in your current SAP ERP system – as indicated by the Simplification Items. I.e. clean up of your customer and vendor data in preparation for the Customer/Vendor Integration (CVI) in SAP S/4HANA.
- Check your custom code with [ABAP Test Cockpit](#) and optimize it for SAP S/4HANA. Further info on <https://blogs.sap.com/2017/02/15/sap-s4hana-system-conversion-custom-code-adaptation-process/>

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

“Transition to SAP S/4HANA” road map:

- Best Practices project documentation in the Roadmap Viewer for all SAP customers to transition to SAP S/4HANA on-premise
- Graphical overview and structured end-to-end documentation of an implementation or conversion project, incl. project file templates
- Helps customers, partners, and SAP to prepare and run transition projects according to SAP Best Practices
- Accelerators link to more detailed information, blogs, templates, 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

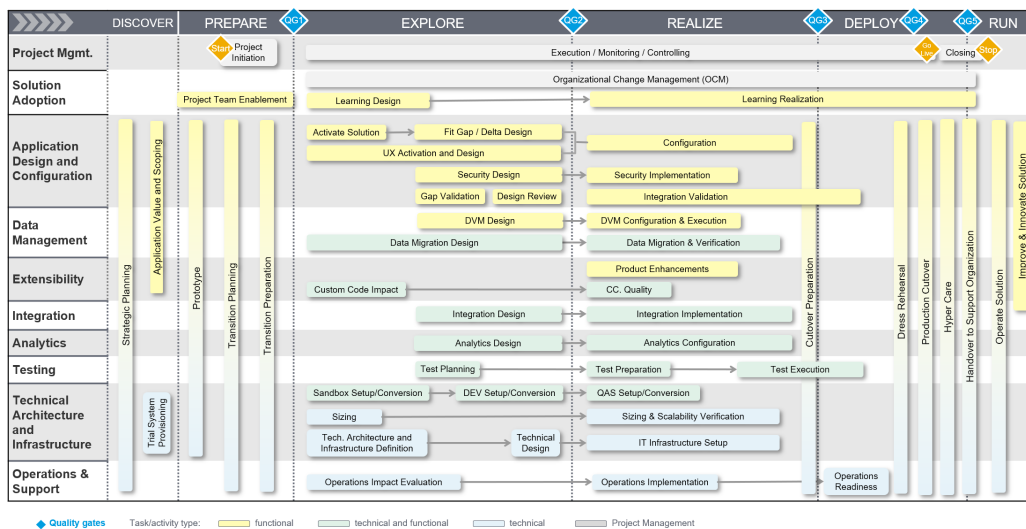
- The New SAP MaxAttention
- SAP ActiveAttention

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 Transition to SAP S/4HANA:

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



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- Live interviews
- Select lecture sessions

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- Ask questions
- Join discussions

sap.com/community



Check out the latest blogs

- See all SAP TechEd blog posts
- Learn from peers and experts

[SAP TechEd blog posts](#)

More information



Related SAP TechEd Learning Journeys

- CAA3 - Move to SAP S/4HANA
 - CAA4 - Get to SAP S/4HANA Cloud
 - CAA5 - Extend, integrate and embed intelligence into SAP S/4HANA
-

Related SAP TechEd sessions

- CAA105 - Check Your System's Readiness for an SAP S/4HANA Conversion, L1
 - CAA113 - End-to-End Overview of System Conversion to SAP S/4HANA (Part 1), L1
 - CAA202 - End-to-End Overview of System Conversion to SAP S/4HANA (Part 1), L1
 - CAA205 - Using SAP S/4HANA Migration Cockpit for a New SAP S/4HANA Implementation, L1
 - CAA801 - Overview, Road Map, and Strategy for SAP S/4HANA, Roadmap Session
 - CAA203 - Custom Code Adaptation for SAP S/4HANA, L1
-

Public SAP Web sites

- SAP Community: www.sap.com/community
- SAP products: [Discover SAP S/4HANA](#), [SAP product & solution roadmaps](#)
- OpenSAP course ["Your Path to SAP S/4HANA"](#)
- SAP S/4HANA product related Training: [SAP S/4HANA Overview and Business Processes](#)



Thanks for attending **this session.**



Feedback

Please complete your session evaluation for **CAA114**.

Contact for further topic inquiries

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roland.hamm@sap.com

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Additional Resources: Define the Business Case (1/2)

Source	Description	Link
SAP Portal	SAP Road Maps highlight innovations and provide a robust planning horizon to help detail the transformation journey	Go to https://www.sap.com/products/roadmaps.products-solutions.html
SAP Help Portal	SAP S/4HANA Help Portal landing page	Go to https://help.sap.com/viewer/p/SAP_S4HANA_ON-PREMISE
SAP Portal	Discover SAP S/4HANA , our next-generation ERP Software	Go to https://www.sap.com/products/s4hana-erp.html
SAP S/4HANA Trial	Explore SAP S/4HANA with a 30-day trial . You will experience the value of instant insight across end-to-end business processes	Go to https://www.sap.com/cmp/oth/crm-s4hana/s4hana-on-premise.html
SAP S/4HANA Cloud Trial	Start your SAP S/4HANA Cloud experience now with a free 14-day trial . You will discover the value of simplicity across concrete roles and predefined business scenarios	Go to https://www.sap.com/registration/trial.fe5ab812-4278-4ed7-bfe6-14f55d4c0630.html
SAP Innovation Discovery	SAP Innovation Discovery , find the innovations and features that you can turn into tangible value for your business	Go to https://go.support.sap.com/innovationdiscovery/
SAP Best Practices Explorer	You can explore the complete SAP Best Practice portfolio and narrow down the list step-by-step, by choosing an area of business or technology	Go to https://rapid.sap.com/bp/#/browse/categories/sap_s%254hana → SAP S/4HANA
SAP Roadmap Viewer	This Roadmap is intended to guide the implementation team through the Transition to SAP S/4HANA and is comprised of phases, deliverables and tasks using SAP Activate methodology	Go to https://go.support.sap.com/roadmapviewer/#/ → Select "Roadmap: Transition to SAP S/4HANA"
SAP Blog	Understand the available transition options	Go to blogs.sap.com and search for: https://blogs.sap.com/2017/07/06/how-to-find-my-path-to-sap-s4hana-understand-the-available-transition-options/

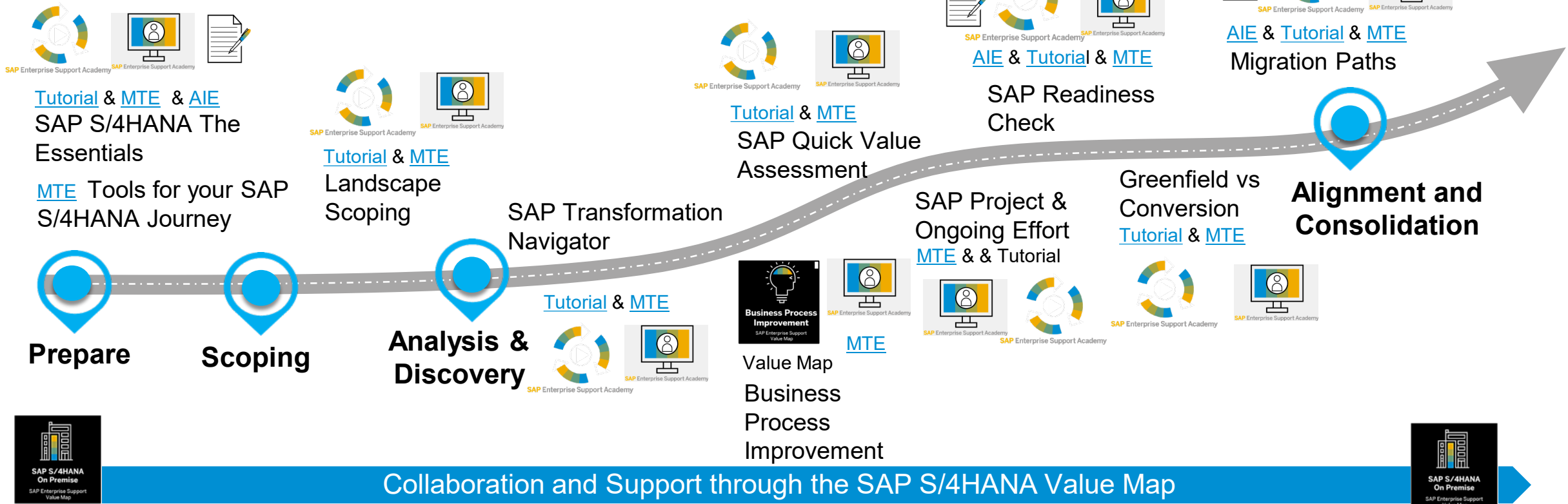
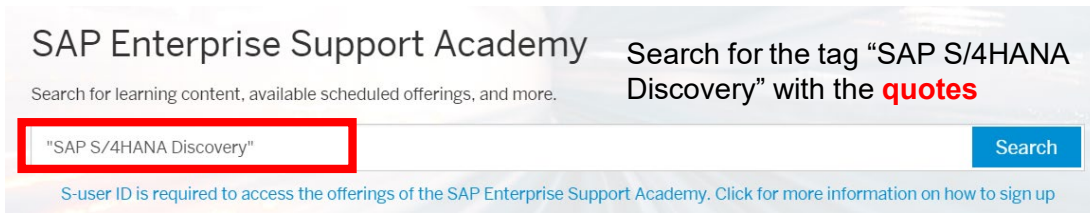
Additional Resources: Define the Business Case (2/2)

Source	Description	Link
Business Scenario Recommendations (BSR)	Get Your Personalized Business Scenario Recommendations Report for SAP S/4HANA	Go to https://www.s4hana.com/
SAP Solution Explorer Tool	SAP Solution Explorer tool helps match your business needs to solutions	Go to https://solutionexplorer.sap.com/solexp/ui/vlm/is_s4hana_onpremise/vlm/is_s4hana_onpremise-ind-is_s4hana_onpremise
SAP Tool	SAP Value Lifecycle Manager , measure the expected value of your SAP initiatives with benchmarking surveys and business case tools	Go to https://valuemanagement.sap.com
SAP Innovation Pathfinder Tool	SAP Innovation and Optimization Pathfinder for SAP ERP , Discover how SAP can help you to optimize and innovate your existing SAP ERP system. Take just a few minutes to share your company information and receive your personalized, free report	Go to http://www.sap.com/pathfinder
SAP Fiori apps reference library	Explore, plan and implement SAP Fiori , the latest user experience from SAP including all relevant content for the SAP Fiori launchpad	Go to https://fioriappslibrary.hana.ondemand.com/sap/fix/externalViewer/
SAP HANA Hub	Access to SAP S/4HANA custom success stories	Go to http://www.saps4hanahub.com/h/
SAP Portal – Transformation Navigator	SAP Transformation Navigator provides clear guidance to the Intelligent Enterprise and creates your future SAP Product Roadmap based on your current SAP products	Go to http://www.sap.com/TransformationNavigator

SAP S/4HANA Discovery: Define a Transition Roadmap to SAP S/4HANA

SAP Enterprise Support Content* - [public blog](#)

Visit us at [SAP Enterprise Support Academy](#) and enter the search tag “SAP S/4HANA Discovery” with the quotes



Collaboration and Support through the SAP S/4HANA Value Map

Additional Resources with SAP Enterprise Support (1/2)

Source	Description	Link
SAP Enterprise Support Academy: MTEs	<p>Recent MTEs delivered in H2-2018:</p> <ul style="list-style-type: none"> ▪ Tools for your SAP S/4HANA journey ▪ SAP S/4HANA The Essentials ▪ SAP Readiness Check for SAP S/4HANA ▪ Built your Product Roadmap – SAP Transformation Navigator ▪ SAP S/4HANA Conversion in Finance (Part 1) - Overview and Preparation ▪ SAP S/4HANA Conversion in Finance (Part 2) – Realization ▪ SAP S/4HANA Finance ▪ Customer Vendor Integration – Journey Towards SAP S/4HANA , ▪ SAP S/4HANA Central Finance ▪ SAP S/4HANA Digital Logistics ▪ Extensibility of SAP S/4HANA – An End-to-End Scenario <p>New MTEs in Q1-2019</p> <p>SAP S/4HANA Sourcing and Procurement Overview – scheduled on Jan 22</p> <p>SAP S/4HANA Sales Force Support Overview – scheduled on Feb 5</p> <p>SAP S/4HANA Advanced Order to Cash Processes – scheduled on Feb 19</p>	Go to https://support.sap.com/en/offerings-programs/enterprise-support/enterprise-support-academy.html → Search by MTE name
SAP Enterprise Support Value Map	SAP Enterprise Support Value Map for SAP S/4HANA	Sign up here: https://support.sap.com/valuemaps → “Sign Up” → Choose the SAP S/4HANA on premise Value Map
SAP Blog	Understand the key elements for your Digital Transformation Journey with SAP S/4HANA	Go to blogs.sap.com and search for: https://blogs.sap.com/2018/12/14/key-elements-for-your-digital-transformation-journey-with-sap-s4hana/

Additional Resources with SAP Enterprise Support (2/2)

Source	Description	Link
SAP Enterprise Support EGI Duration: 4 days - 2hrs per day	EGI "SAP S/4HANA: Roadmapping" Explains capabilities of SAP Finance and SAP Logistics in SAP S/4HANA. Demonstrate the Business Value of using SAP S/4HANA for SAP Finance and SAP Logistics.	Go to https://support.sap.com/esacademy → Access Learning content Search by course ID: SUP_EDE_0010_1812 or course name
SAP Enterprise Support EGI Duration: 5 days - 2hrs per day	EGI "Plan Your Conversion to SAP S/4HANA" Help you to plan the conversion of your existing SAP ERP system to S/4HANA	Go to https://support.sap.com/esacademy → Access Learning content Search by course ID: SUP_EDE_0140_1712 or course name
SAP Enterprise Support EGI Duration: 5 days - 2hrs per day	EGI "Plan Your Conversion to SAP S/4HANA" Help you to plan the conversion of your existing SAP ERP system to S/4HANA	Go to https://support.sap.com/esacademy → Access Learning content Search by course ID: SUP_EDE_0140_1712 or course name
SAP Enterprise Support EGI Duration: 5 days - 2hrs per day	EGI "SAP S/4HANA Implementation with SAP Activate" Explains the end to end implementation of SAP S/4HANA using SAP's recommended framework, SAP Activate	Go to https://support.sap.com/esacademy → Access Learning content Search by course ID: SUP_EDE_0040_1712 or course name
SAP Enterprise Support EGI Duration: 3 days à 2h	EGI "SAP Readiness Check tool for SAP S/4HANA" Explains how to prepare and run the check as well as how to analyze and follow-up on the results	Go to https://support.sap.com/esacademy → Access Learning content → Search

Additional Resources: Application Specific Preparation

Source	Description	Link
OpenSAP courses	OpenSAP successfully helps to enable the SAP Ecosystem to upskill, free of charge. Key recommended courses are: Find Your Path to SAP S/4HANA, System Conversion to SAP S/4HANA, Data Migration to SAP S/4HANA	Go to https://open.sap.com/ → Select https://open.sap.com/courses/s4h5 → Select https://open.sap.com/courses/s4h11 → Select https://open.sap.com/courses/s4h8
SAP Help Portal	SAP S/4HANA Help Portal – Feature scope description 1809 (PDF) and Learning Journeys: SAP S/4HANA Scope and Business Processes	Go to https://help.sap.com/doc/e2048712f0ab45e791e6d15ba5e20c68/1809.000/en-US/FSD_OP1809.pdf and http://help.sap.com/s4hana and https://help.sap.com/doc/221f8f84afef43d29ad37ef2af0c4adf/H_P_2.0/en-US/500c836e7a261014a62bed2bad9ef0fa.html
SAP Portal	SAP Road Maps highlight innovations and provide a robust planning horizon to help detail the transformation journey	Go to https://www.sap.com/products/roadmaps.products-solutions.html
SAP Portal	Discover SAP S/4HANA , our next-generation ERP Software	Go to https://www.sap.com/products/s4hana-erp.html
SAP S/4HANA Trial	Explore SAP S/4HANA with a 30-day trial . You will experience the value of instant insight across end-to-end business processes	Go to https://www.sap.com/cmp/oth/crm-s4hana/s4hana-on-premise.html
Customer Vendor Integration Cook Book	This document is intended as guidance on the topic of Customer Vendor Integration (CVI) which is one of the key simplifications in SAP S/4HANA that affects most SAP customers	Go to https://support.sap.com/content/dam/SAAP/SAP_Activate/S4H.0781%20SAP%20S4HANA%20Cookbook%20Customer%20Vendor%20Integration.pdf
SAP Blog	Understand the top simplification list items	Go to blogs.sap.com and search for: https://blogs.sap.com/2016/11/09/the-top-simplification-list-items/
BI Extractors	SAP note 2500202 provides full transparency for customers on availability of BI extractors in SAP S/4HANA	Go to https://launchpad.support.sap.com/#/notes/2500202

SAP S/4HANA Conversion in Finance

Where to find more information

- Conversion Guide for SAP S/4HANA: pdf on [SAP Help](#)
- Converting Accounting Components to SAP S/4HANA: pdf attached to SAP Note [2332030](#)
- Migrating to New Asset Accounting (FI-AA (New)): [SAP Help](#)
- Task List for Conversion of Credit Management to SAP S/4HANA: pdf attached to SAP Note [2270544](#)
- Help in Implementation Guide: IMG
- Implementation Roadmap for Conversion: [SAP Roadmap Viewer](#)
- SAP Training S4F03 Finance Migration to SAP S/4HANA : [training.sap.com](#)
- openSAP - System Conversion to SAP S/4HANA: <https://open.sap.com/courses/s4h11>
- SAP S/4HANA Conversion in Finance - Blogs
 - [Conversion to SAP S/4HANA On-Premise – what are the key problem areas?](#)
 - [10 Golden Recommendations from the S/4HANA RIG for Planning and Executing Your SAP S/4HANA System Conversion Project Successfully](#)
 - [SAP S/4HANA Simplification Item Check – How to do it right.](#)
 - [Remote Code Analysis in ATC – One central check system for multiple systems on various releases](#)
 - [S/4 HANA System Conversion Process Overview](#)
 - [SAP S/4HANA System Conversion – Custom code adaptation process](#)
 - [S/4HANA System Conversion](#)
- Downtime optimization
 - [SAP Note 2293733](#) - Prerequisites and Restrictions of downtime-optimized conversion to SAP S/4HANA
 - [SAP Note 693168](#) - Minimized Downtime Service (MDS)

Additional Resources: Technical Preparation and Execution (1/3)

Source	Description	Link
SAP Blog	SAP S/4HANA System Conversion – At a glance	Go to blogs.sap.com and search for: https://blogs.sap.com/2016/11/02/sap-s4hana-system-conversion-at-a-glance/
OpenSAP courses	System Conversion to SAP S/4HANA	Go to https://open.sap.com/ → Select https://open.sap.com/courses/s4h11
SAP Help Portal	SAP Maintenance Planner	Go to https://help.sap.com/viewer/p/MAINTENANCE_PLANNER
SAP Blog	SAP Maintenance Planner	Go to blogs.sap.com and search for: https://blogs.sap.com/2015/07/09/maintenance-planner-2/ and https://blogs.sap.com/2016/05/26/maintenance-planner-release-highlights/
Simplification Item Catalog	To help customers to better prepare for the transition to SAP S/4HANA the simplification item catalog provides customers with a description of all relevant changes that might have an impact when converting from SAP ERP to SAP S/4HANA Within each topic, which is referred to as a "simplification item", corresponding SAP Notes and mitigation possibilities are documented.	Go to https://launchpad.support.sap.com/#sic

Additional Resources: Technical Preparation and Execution (2/3)

Source	Description	Link
SAP Blog	Pre-checks in System Conversion , provides an understanding what is Pre-check(s) report as a tool and what does it provide to the system conversion	Go to blogs.sap.com and search for: https://blogs.sap.com/2016/12/10/pre-checks-in-system-conversion/
SAP Blog	SAP S/4HANA Simplification Item Check – How to do it right . This is not a one-shot blog post, but will be regularly updated with the most recent information concerning SAP S/4HANA Simplification Item Checks.	Go to blogs.sap.com and search for: https://blogs.sap.com/2018/03/26/sap-s4hana-simplification-item-check-how-to-do-it-right./
SAP Blog	ABAP Test Cockpit – an Introduction to SAP's new ABAP Quality Assurance Tool	Go to blogs.sap.com and search for: https://blogs.sap.com/2012/09/19/abap-test-cockpit-an-introduction-to-sap-s-new-abap-quality-assurance-tool/ Additional blogs: <ul style="list-style-type: none"> Remote Code Analysis in ATC – One central check system for multiple systems on various releases Remote Code Analysis in ATC – Technical Setup step by step Remote Code Analysis in ATC – Working with Baseline to suppress findings in old legacy code Remote Code Analysis in ATC for Developers Remote Code Analysis in ATC – Working with Exemptions Remote Code Analysis in ATC – Scanning customer extensions Remote Code Analysis in ATC – Working efficiently with ATC Result List Remote Code Analysis in ATC – FAQ

Additional Resources: Technical Preparation and Execution (3/3)

Source	Description	Link
SAP Blog	ABAP Call Monitor (SCMON) - Analyze usage of your code	Go to blogs.sap.com and search for: https://blogs.sap.com/2017/04/06/abap-call-monitor-scmmon-analyze-usage-of-your-code/
SAP Portal	ABAP Testing and Analysis Community	Go to https://www.sap.com/community/topics/abap-testing-analysis.html
Support Portal	ABAP custom code migration and recommendations for SAP HANA:	<ul style="list-style-type: none"> SAP Note: 1912445 and SAP Community: https://blogs.sap.com/2016/04/22/abap-custom-code-adaption-for-sap-hana-the-efficient-way/ <p>Further information see</p> <ul style="list-style-type: none"> SAP Community Blog on https://blogs.sap.com/2017/02/15/sap-s4hana-system-conversion-custom-code-adaptation-process/ SAP Note: 2241080 and SAP Note: 2190420
SAP Blog	How to use SUM to check source system prior to System Conversion	Go to blogs.sap.com and search for: https://blogs.sap.com/2018/03/29/howto-use-sum-to-check-source-system-prior-to-system-conversion/
SAP Blog	System Conversion: news since 1610	Go to blogs.sap.com and search for: https://blogs.sap.com/2017/10/23/system-conversion-news-since-1610/
SAP Blog	SUM 2.0.	Go to blogs.sap.com and search for: https://blogs.sap.com/2017/08/10/sum-in-the-family-way/ For all information about using the SUM, please see the document Conversion of SAP Systems to SAP S/4HANA using Software Update Manager available at: support.sap.com/sltoolset in section <i>System Maintenance</i>
SAP Help	Migration Cockpit and SAP Data Services with Rapid Data Migration content	Go to https://help.sap.com/viewer/29193bf0ebdd4583930b2176cb993268/1809.000/en-US/8f97f0b407024465a283809f0bbe000c.html and https://help.sap.com/viewer/p/SAP_DATA_SERVICES

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