



# SAP Readiness Check for SAP S/4HANA

**Covering SAP S/4HANA 2023**

<b>Customer Name</b>	<b>Transnet SOC Limited</b>
<b>Customer Number</b>	<b>35818</b>
<b>System ID</b>	<b>TFP(SAP enhancement package 8 for SAP ERP 6.0)</b>
<b>Date of Analysis</b>	<b>02/28/2024</b>

**CONFIDENTIAL**

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# 1 Introduction

## 1.1 General Introduction

SAP S/4HANA is SAP's next-generation business suite. It is not the legal successor of any SAP Business Suite product. SAP S/4HANA is a new product completely built on SAP HANA, which is one of the most advanced in-memory platforms today. In addition, SAP S/4HANA reflects modern design principles based on the SAP Fiori user experience.

In an approach to build SAP S/4HANA, SAP has re-imagined solutions for modern business processes in an increasingly mobile and digitized world. SAP S/4HANA delivers massive simplifications and innovations, deliverable on one data structure and architecture moving forward.

Converting a typical SAP ERP 6.x system to SAP S/4HANA requires a database migration to SAP HANA (if not currently running on SAP HANA), and the installation of new simplified code and adaptations.

A comprehensive overview of all simplifications for SAP S/4HANA, compared to SAP Business Suite products, are captured in the simplification list at [https://help.sap.com/viewer/p/SAP\\_S4HANA\\_ON-PREMISE](https://help.sap.com/viewer/p/SAP_S4HANA_ON-PREMISE). For a given customer, only a limited number of simplification items from this extensive list are applicable.

To provide customers a better view of the results for their system landscapes when converting to SAP S/4HANA, SAP offers SAP Readiness Check for SAP S/4HANA.

## 1.2 Scope of This Document

SAP Readiness Check for SAP S/4HANA enables you to better understand the implications of a conversion from an existing SAP ERP system to SAP S/4HANA. The check helps to identify necessary preparations and pre-projects in the current system landscape, long before an SAP S/4HANA system conversion project starts.

The results of SAP Readiness Check for SAP S/4HANA – for the system ID given on the front page – are presented in this document.

For useful transactional data and history, we recommend running SAP Readiness Check for SAP S/4HANA on a production system (or a recent copy of one). SAP Readiness Check for SAP S/4HANA includes system-specific information on adjustments that are mandatory for the conversion to SAP S/4HANA.

- Add-on compatibility
- Active business functions
- SAP S/4HANA simplification items, including activities
- Custom code

In addition, SAP Readiness Check for SAP S/4HANA provides system-specific information regarding:

- SAP Custom Development projects
- SAP HANA sizing and Data Volume Management
- SAP Business Process Discovery
- Required Adjustments for integration, including BW Extractors and IDoc interface

## 1.3 Disclaimer

By using SAP Readiness Check, you agree to the applicable terms and conditions available on the SAP Readiness Check Web site.

Please be aware that SAP Readiness Check is a high-level planning tool and designed as a first check in planning a system conversion or upgrade. SAP does not warrant the completeness of SAP Readiness Check.

The product-specific simplification list and its related restrictions continue to evolve, meaning that some restrictions may be temporary. Also, you may decide to expand the solution in the future. The analysis results provided by SAP Readiness Check reflect a specific point in time analysis for the system in scope.

While you might not use some installed functions, SAP Readiness Check does not in every case differentiate between used and installed components.

SAP recommends that you carefully read the introduction of the relevant simplification list document. Where applicable, this document is product-specific and version-specific and can be found on the related SAP Help Portal product page. The introduction contains important information about how to interpret the simplification items. SAP also recommends that you always check the latest release restriction notes, which might contain additional restrictions not maintained in the simplification list.

The custom code analysis available in SAP Readiness Check for SAP S/4HANA and SAP Readiness Check for SAP S/4HANA upgrades identifies mandatory change areas due to the simplified application architecture of the target product version. Custom code analysis does not contain a list of all adaptations necessary to support SAP HANA as a database. In addition, the analysis does not include general prerequisite adaptations for SAP HANA database migration. Lastly, the analysis does not include requisite adaptations for future add-ons or for custom code unrelated to SAP S/4HANA.

SAP Readiness Check, including the underlying data, may be changed without prior notice and is provided for informational purposes to you only.

Before you perform any tasks related to the software lifecycle, you still have to consult the relevant documentation, such as master guides, upgrade guides, documents provided on SAP Support Portal, in support package stack guides, and in SAP Notes. You cannot rely on the results of SAP Readiness Check. If you need individual guidance and support for your installation, conversion, upgrade, or improvement project, please contact your local SAP consulting organization for further advice. SAP Readiness Check and its content are provided by SAP SE and its affiliated companies ("SAP Group") for informational purposes only, without representation or warranty of any kind, and SAP Group shall not be liable for errors or omissions with respect to the materials. SAP does not warrant the accuracy or completeness of the information, text, graphics, links, or other items contained within these materials and shall have no liability for damages of any kind, including, without limitation, direct, special, indirect, or consequential damages that may result from the use of the tool. Customers remain responsible for their SAP implementation.

## 1.4 Analysis Scope

SID of System of Analysis	Date of Analysis
TFP	02/28/2024

### SAP S/4HANA: TARGET PRODUCT VERSION

Product	Product Version
SAP S/4HANA	SAP S/4HANA 2023

### INSTALLED PRODUCT VERSION

SID	Installed Product Version
TFP	SAP enhancement package 8 for SAP ERP 6.0

### CURRENT DATABASE

SID	Database System	DB ID	Unicode
TFP	ORACLE	TFP	Yes

**OPERATING SYSTEM / SAP KERNEL**

SID	Operating System	OS Version	SAP Kernel Release
TFP	AIX	7.2	749

## 2 Minimum System and Landscape Requirements for a System Conversion to SAP S/4HANA

If your SAP ERP 6.0 is

- already running on SAP HANA 1.0, you need to update to SAP HANA 2.0
- not on Unicode yet, you need to convert to Unicode

prior to converting to SAP S/4HANA.

The following section contains information on the compatibility of the installed add-ons and active business functions with SAP S/4HANA. It also provides information on additional important checks that are not provided as part of SAP Readiness Check for SAP S/4HANA.

### 2.1 Add-On Compatibility

The maintenance planner reports the status of the system as Unknown. Please reference SAP Note 2408911 to define the system in maintenance planner.

### 2.2 Active Business Functions

The maintenance planner reports the status of the system as Unknown. Please reference SAP Note 2408911 to define the system in maintenance planner.

### 2.3 Recommended Additional Checks

Please note that in addition to the checks above provided by SAP Readiness Check for SAP S/4HANA, additional restrictions and landscape requirements may be relevant for your system.

Please read the following SAP Notes carefully:

SAP Note	Description
<a href="#">2251604</a>	Version Interoperability between SAP S/4HANA On Premise Edition and SAP NetWeaver Systems

## 3 Required Solution Adjustments for a System Conversion to SAP S/4HANA

## 3.1 SAP S/4HANA Simplification Items

A comprehensive overview of all simplifications for SAP S/4HANA compared to the SAP Business Suite products – that is, all mandatory solution adjustments in a system conversion project – is captured in the **Simplification List for SAP S/4HANA** at [https://help.sap.com/viewer/p/SAP\\_S4HANA\\_ON-PREMISE](https://help.sap.com/viewer/p/SAP_S4HANA_ON-PREMISE).

This section of the SAP Readiness Check displays those simplification items (out of the overall list of more than 470 items) that are relevant for your specific SAP ERP 6.x system installation. The identification mainly relies on table contents and used transactions. **For accurate results we recommended that you run the SAP Readiness Check for SAP S/4HANA on an SAP ERP 6.x production system with at least a four week-long transaction history.**

### GENERAL STATISTICS

Status	Number of Objects
Overall number of Simplification Items	669
Check performed, item is not relevant. No follow-up activity necessary.	556
Check performed, item is relevant (excludes "non strategic items"). Check business impact note.	95
Relevance cannot be automatically determined. (excludes "non strategic items"). Check business impact note.	18

### 3.1.1 Relevant Simplification Items

The following table lists simplification items that have been checked and are immediately relevant:

#### RELEVANT SIMPLIFICATION ITEMS

LoB– BusinessArea	Title	Effort Ranking	Category	SAP Note	Relevance
Sourcing and Procurement - Operational Procurement	<b>S4TWL - Pricing Data Model Simplification</b> SI8: PROC_MM_PRICING	Medium (default)	Change of existing functionality	<a href="#">2267442</a>	Item is relevant. DB table 'KONV' based check. Relevant criteria is ">0 " and number found is 1 .
Finance - Treasury Management	<b>S4TWL - CASH MANAGEMENT - GENERAL</b> SI1_FIN_CM	Assessme nt Required (default)	Change of existing functionality	<a href="#">2270400</a>	Item is relevant. DB table 'FDSR' based check. Relevant criteria is ">0 " and number found is 1 .
Application Platform and Infrastructure - Process Management and Integration	<b>S4TWL - OUTPUT MANAGEMENT</b> SI4: CT_OM	Low (default)	Change of existing functionality	<a href="#">2470711</a>	Item is relevant. DB table 'CVERS' based check. Relevant criteria is ">0 " and number found is 1 .
Database and Data Management - Enterprise Information Management	<b>S4TWL - Removal of Gender Domain Fixed Values</b> SI27: MasterData_BP	Assessme nt Required (default)	Change of existing functionality	<a href="#">2928897</a>	Item is relevant. DB table 'KNA1' based check. Relevant criteria is ">0 " and number found is 1 .

LoB– BusinessArea	Title	Effort Ranking	Category	SAP Note	Relevance
R&D/Engineering - Product Lifecycle Management	<b>S4TWL - Classification</b> SI14: Logistics - PLM	Medium (default)	Change of existing functionality	<a href="#">2267878</a>	Item is relevant. Transaction ' CT04 '. Relevant criteria is ">0 " and number found is 3 .
Service - Service Master Data & Agreement Management	<b>S4TWL - Material Type SERV</b> SI8:MasterData_PM	Low (default)	Change of existing functionality	<a href="#">2267247</a>	Item is relevant. DB table 'MARA' based check. Relevant criteria is ">0 " and number found is 1 .
Solutions for Specific Industries - Public Sector	<b>S4TWL - Specific fields on Business Partner</b> SI4: Public Sector_PSM-FG - BP	Low (default)	Change of existing functionality	<a href="#">2270420</a>	Item is relevant. DB table 'FMISPS' based check. Relevant criteria is ">0 " and number found is 1 .; Item relevant; business function EA-PS is active
Finance - Cost Management and Profitability Analysis	<b>S4TWL - TECHNICAL CHANGES IN CONTROLLING</b> SI1: FIN_CO	Medium (default)	Change of existing functionality	<a href="#">2270404</a>	Item is relevant. DB table 'COSP' based check. Relevant criteria is ">100 " and number found is 101 .; Item is relevant. DB table 'COSS' based check. Relevant criteria is ">100 " and number found is 101 .; Item is relevant. DB table 'COEP' based check. Relevant criteria is ">100 " and number found is 101 .
Sales - Order and Contract Management	<b>S4TWL - Data Model Changes in SD Pricing</b> SI2: SD_PRIC	Medium (default)	Change of existing functionality	<a href="#">2267308</a>	Item is relevant. DB table 'NACH' based check. Relevant criteria is ">0 " and number found is 1 .
IT Management - Administration and Usability	<b>S4TWL - Generic Check for SAP S/4HANA Conversion and Upgrade</b> SI22: GENERIC_CHECKS	Low (default)	Change of existing functionality	<a href="#">2618018</a>	Item is relevant. DB table 'T000' based check. Relevant criteria is ">0 " and number found is 1 .
IT Management - Administration and Usability	<b>S4TWL - Business User Management</b> SI21: BUSINESS_USER	Medium (default)	Change of existing functionality	<a href="#">2570961</a>	Item is relevant. DB table 'USR02' based check. Relevant criteria is ">0 " and number found is 1 .



LoB– BusinessArea	Title	Effort Ranking	Category	SAP Note	Relevance
Finance - Cost Management and Profitability Analysis	<b>S4TWL - COST ELEMENTS</b> SI7: FIN_CO	Medium (default)	Functionality unavailable (alternative exists)	<a href="#">2270419</a>	Item is relevant. DB table 'COEP' based check. Relevant criteria is ">100 " and number found is 101 .; Item is relevant. DB table 'COSS' based check. Relevant criteria is ">100 " and number found is 101 .; Item is relevant. DB table 'COSP' based check. Relevant criteria is ">100 " and number found is 101 .; Item is relevant. DB table 'CSKA' based check. Relevant criteria is ">1 " and number found is 2 .
IT Management - Administration and Usability	<b>S4TWL - New Default Security Settings for SAP S/4HANA</b> SI27: CT_SECURE_BY_DEFAULT	Low (default)	Change of existing functionality	<a href="#">2926224</a>	Item is relevant. DB table 'USR02' based check. Relevant criteria is ">0 " and number found is 1 .
Asset Management - Maintenance Management	<b>S4TWL - Object List Number Field Length Extension</b> SI10: Logistics_PM	Low (default)	Change of existing functionality	<a href="#">2580670</a>	Item is relevant. DB table 'OBJK' based check. Relevant criteria is ">0 " and number found is 1 .
Finance - Treasury Management	<b>S4TWL - CASH MANAGEMENT - Bank Accounts</b> SI2_FIN_CM	Medium (default)	Functionality unavailable (alternative exists)	<a href="#">2870766</a>	Item is relevant. DB table 'T012K' based check. Relevant criteria is ">0 " and number found is 1 .
Finance - Cost Management and Profitability Analysis	<b>S4TWL - PROFIT AND LOSS PLANNING AND PROFIT CENTER PLANNING</b> SI2_FIN_CO	Low (default)	Change of existing functionality	<a href="#">2270407</a>	Item is relevant. DB table 'COSP' based check. Relevant criteria is ">0 " and number found is 1 .
Sourcing and Procurement - Sourcing and Contract Management	<b>S4TWL - RFQ Simplified Transaction</b> SI18: PROC_RFQ Simplified Transaction	Assessment Required (default)	Functionality deprecated (alternative exists with roadmap)	<a href="#">2332710</a>	Item is relevant. DB table 'EKKO' based check. Relevant criteria is ">20 " and number found is 21 .
Finance - Financial Operations	<b>S4TWL - Determination of default values in Intrastat reporting</b> SI3: FIN_SLL_ISR_DV	Low (default)	Change of existing functionality	<a href="#">2468294</a>	Item is relevant. DB table 'T605Z' based check. Relevant criteria is ">0 " and number found is 1 .

LoB– BusinessArea	Title	Effort Ranking	Category	SAP Note	Relevance
Human Resources - Core HR and Time Recording	<b>S4TWL – HCM Obsolete Packages</b> SI19: HR_Obsolete_Packages	Assessment Required (default)	Functionality unavailable (no alternative planned)	<a href="#">3224319</a>	Item is relevant. DB table 'PA0000' based check. Relevant criteria is ">0 " and number found is 1 .; Item relevant; business function H4S4_1 is inactive
Sourcing and Procurement - Operational Procurement	<b>S4TWL - Classic MM-PUR GUI Transactions replacement</b> SI11: PROC_MM_DYN	Medium (default)	Functionality unavailable (alternative exists)	<a href="#">2267449</a>	Item is relevant. Transaction ' ME23 '. Relevant criteria is ">0 " and number found is 6 .
Supply Chain - Inventory	<b>S4TWL - AVAILABILITY OF TRANSACTIONS IN MM-IM</b> SI2: Logistics_MM-IM	Low (default)	Functionality deprecated (alternative exists)	<a href="#">2210569</a>	Item is relevant. Transaction ' MB1A '. Relevant criteria is ">0 " and number found is 5 .
Human Resources - Core HR and Time Recording	<b>S4TWL - Conversion of Employees to Business Partners</b> SI2: HR_Empl	Low (default)	Change of existing functionality	<a href="#">2340095</a>	Item is relevant. DB table 'PA0000' based check. Relevant criteria is ">0 " and number found is 1 .
Manufacturing - Environment, Health, and Safety	<b>S4TWL - Occupational Health</b> SI2: Logistics_EHS - Occupational Health	Low (default)	Functionality unavailable (alternative exists)	<a href="#">2267782</a>	Item is relevant. DB table 'CCIHT_FAL' based check. Relevant criteria is ">1 " and number found is 2 .
Supply Chain - Inventory	<b>S4TWL - Material Ledger Obligatory for Material Valuation</b> SI3: Logistics_MM-IM	Medium (default)	Change of existing functionality	<a href="#">2267834</a>	Item is relevant. DB table 'T001K' based check. Relevant criteria is ">0 " and number found is 1 .
Asset Management - Maintenance Management	<b>S4TWL - SAP Graphics in EAM Transactions</b> SI9: Logistics_PM	Low (default)	Change of existing functionality	<a href="#">2482659</a>	Item is relevant. Transaction ' IW29 '. Relevant criteria is ">0 " and number found is 3 .
Sourcing and Procurement - Operational Procurement	<b>S4TWL - Webdynpro Applications for Purchase Requisition Transfer from ERP to SRM</b> SI19: PROC_CPPR_SPPR	Low (default)	Functionality unavailable (no alternative planned)	<a href="#">2200412</a>	Item is relevant. DB table 'ICFSERVLOC' based check. Relevant criteria is ">0 " and number found is 1 .
Manufacturing - Quality Management	<b>S4TWL - ITS services in QM</b> SI_2_Logistics_QM	Medium (default)	Functionality unavailable (no alternative planned)	<a href="#">2270126</a>	Item is relevant. DB table 'ICFSERVLOC' based check. Relevant criteria is ">0 " and number found is 1 .

LoB– BusinessArea	Title	Effort Ranking	Category	SAP Note	Relevance
Application Platform and Infrastructure - Process Management and Integration	<b>ABAPTWL - Change of workflow system user and workflow system jobs</b> SI20: AS_ABAP_WORKFLOW_USER_JOBS	Assessment Required (default)	Change of existing functionality	<a href="#">2568271</a>	Item is relevant. DB table 'SWWWIHEAD' based check. Relevant criteria is ">0 " and number found is 1 .
Database and Data Management - Enterprise Information Management	<b>S4TWL - Material Number Field Length Extension</b> SI4: MasterData_PM	Assessment Required (default)	Change of existing functionality	<a href="#">2267140</a>	Item is relevant. DB table 'MARA' based check. Relevant criteria is ">0 " and number found is 1 .
Sales - Order and Contract Management	<b>S4TWL -Miscellaneous minor functionalities in SD Area</b> SI16: SD_Miscellaneous minor deprecations in SD Area	Low (default)	Functionality unavailable (alternative exists)	<a href="#">2267395</a>	Item is relevant. DB table 'VBAK' based check. Relevant criteria is ">0 " and number found is 1 .
Solutions for Specific Industries - Public Sector	<b>S4TWL - Functionality Average Daily Balance-based Distribution</b> SI9: Public Sector_PSM-FA	Assessment Required (default)	Functionality unavailable (no alternative planned)	<a href="#">2270466</a>	Item is relevant. DB table 'FMISPS' based check. Relevant criteria is ">0 " and number found is 1 .; Item relevant; business function EA-PS is active
Finance - Accounting and Financial Close	<b>S4TWL - Profit Center and Segment Reorganisation</b> SI10_FIN_GL	Assessment Required (default)	Functionality unavailable (alternative planned)	<a href="#">3087195</a>	Item is relevant. DB table 'FAGL_SPLIT_FIELD' based check. Relevant criteria is ">0 " and number found is 1 .
Finance - Accounting and Financial Close	<b>S4TWL - DATA MODEL CHANGES IN FIN</b> SI1_FIN_General	Low (default)	Change of existing functionality	<a href="#">2270333</a>	Item is relevant. DB table 'BKPF' based check. Relevant criteria is ">100 " and number found is 101 .
Asset Management - Maintenance Management	<b>S4TWL - Batch Input for Enterprise Asset Management (EAM)</b> SI5: Logistics_PM	Low (default)	Functionality deprecated (alternative exists with roadmap)	<a href="#">2270107</a>	Item is relevant. DB table 'EQUI' based check. Relevant criteria is ">0 " and number found is 1 .
IT Management - Administration and Usability	<b>S4TWL - Removal of Add-On CTS_PLUG</b> SI24: CT_CTS_PLUG	Low (default)	Functionality unavailable (alternative exists)	<a href="#">2820229</a>	Item is relevant. DB table 'CVERS' based check. Relevant criteria is ">0 " and number found is 1 .

LoB– BusinessArea	Title	Effort Ranking	Category	SAP Note	Relevance
Finance - Cost Management and Profitability Analysis	<b>S4TWL - Profitability Segment Number Change of Type</b> SI15: FIN_CO	Assessment Required (default)	Change of existing functionality	<a href="#">3320010</a>	Item is relevant. DB table 'TKA00' based check. Relevant criteria is ">0 " and number found is 1 .
Finance - Accounting and Financial Close	<b>S4TWL - GENERAL LEDGER</b> SI1_FIN_GL	Assessment Required (default)	Change of existing functionality	<a href="#">2270339</a>	Item is relevant. DB table 'COEP' based check. Relevant criteria is ">0 " and number found is 1 .
Database and Data Management - Enterprise Information Management	<b>S4TWL - Simplification of copy/reference handling</b> SI5: MasterData_PM	Low (default)	Change of existing functionality	<a href="#">2330063</a>	Item is relevant. DB table 'T130F' based check. Relevant criteria is ">0 " and number found is 1 .; Item is relevant. DB table 'MARA' based check. Relevant criteria is ">0 " and number found is 1 .
Finance - Accounting and Financial Close	<b>S4TWL - DATA STRUCTURE CHANGES IN ASSET ACCOUNTING</b> SI1: FIN_AA	Low (default)	Change of existing functionality	<a href="#">2270387</a>	Item is relevant. DB table 'ANEK' based check. Relevant criteria is ">1 " and number found is 2 .
Sourcing and Procurement - Invoice Management	<b>S4TWL - Supplier Invoice New Archiving</b> SI20: PROC_MM_IV_ILM	Low (default)	Change of existing functionality	<a href="#">2578291</a>	Item is relevant. DB table 'RBKP' based check. Relevant criteria is ">0 " and number found is 1 .
Solutions for Specific Industries - Defense and Security	<b>S4TWL - BI content, Datasources and extractors for DFPS</b> SI2: Defense&Security	Assessment Required (default)	Functionality unavailable (no alternative planned)	<a href="#">2273294</a>	Item is relevant. DB table 'ROOSOURCE' based check. Relevant criteria is ">0 " and number found is 1 .
Database and Data Management - Enterprise Information Management	<b>S4TWL - BI Extractors in SAP S/4HANA</b> SI18: CT_BW_EXTRACTORS	Medium (default)	Functionality unavailable (alternative exists)	<a href="#">2500202</a>	Item is relevant. DB table 'ROOSOURCE' based check. Relevant criteria is ">0 " and number found is 1 .
Supply Chain - Inventory	<b>S4TWL - DATA MODEL IN INVENTORY MANAGEMENT (MM-IM)</b> SI1: Logistics_MM-IM	Assessment Required (default)	Change of existing functionality	<a href="#">2206980</a>	Item is relevant. DB table 'MSEG' based check. Relevant criteria is ">0 " and number found is 1 .
Finance - Accounting and Financial Close	<b>S4TWL - Removal of D/C Indicator from Editing Options</b> SI9_FIN_GL	Low (default)	Change of existing functionality	<a href="#">2865285</a>	Item is relevant. Transaction ' FB50 '. Relevant criteria is ">0 " and number found is 9 .

LoB– BusinessArea	Title	Effort Ranking	Category	SAP Note	Relevance
Finance - Accounting and Financial Close	<b>S4TWL - Plan data is not migrated to SAP S/4HANA</b> SI3_FIN_General	Low (default)	Change of existing functionality	<a href="#">2474069</a>	Item is relevant. DB table 'FAGLFLEXT' based check. Relevant criteria is ">0 " and number found is 1 .
Finance - Accounting and Financial Close	<b>S4TWL – Migration from account solution to ledger solution</b> SI4_FIN_General	Assessment Required (default)	Change of existing functionality	<a href="#">3042755</a>	Relevant as checked by CLS4SIC_FI_ACC_CHECK: Account solution is used in client(s): 100 , 105 , 150 in 3 company codes / depreciation areas.
R&D/Engineering - Product Lifecycle Management	<b>S4TWL - cDesk</b> SI6: Logistics_PLM	Assessment Required (default)	Functionality unavailable (alternative planned)	<a href="#">2267850</a>	Item is relevant. DB table 'CDESK_C_SYSTEMS' based check. Relevant criteria is ">0 " and number found is 1 .
Manufacturing - Environment, Health, and Safety	<b>S4TWL - BW Extractors for Dangerous Goods Management and Specification Management</b> SI8: Logistics_PSS	Low (default)	Functionality unavailable (no alternative planned)	<a href="#">2267432</a>	Item is relevant. DB table 'ROOSOURCE' based check. Relevant criteria is ">0 " and number found is 1 .
Human Resources - Core HR and Time Recording	<b>S4TWL - CATSXT</b> SI31: CT_CATSXT	Assessment Required (default)	Functionality unavailable (alternative exists)	<a href="#">3150537</a>	Item is relevant. DB table 'CATSDB' based check. Relevant criteria is ">0 " and number found is 1 .
Database and Data Management - Enterprise Information Management	<b>S4TWL - Simplified Product Master Tables Related to OMSR Transaction</b> SI3: MasterData_PM	Low (default)	Change of existing functionality	<a href="#">2267138</a>	Item is relevant. DB table 'MARA' based check. Relevant criteria is ">0 " and number found is 1 .
Application Platform and Infrastructure - Process Management and Integration	<b>ABAPTWL - Change of authorization checks SAP Business Workflow</b> SI21: AS_ABAP_WORKFLOW_AUTHORIZATION_CHANGES	Assessment Required (default)	Change of existing functionality	<a href="#">2979517</a>	Item is relevant. Transaction ' SWIA '. Relevant criteria is ">0 " and number found is 4 .

LoB– BusinessArea	Title	Effort Ranking	Category	SAP Note	Relevance
Finance - Enterprise Risk and Compliance	<b>S4TWL - Foreign Trade</b> SI3: SD_FT	Medium (default)	Functionality unavailable (alternative exists)	<a href="#">2267310</a>	Item is relevant. DB table 'T604' based check. Relevant criteria is ">0 " and number found is 1 .
Manufacturing - Environment, Health, and Safety	<b>S4TWL - Industrial Hygiene and EC interfaces</b> SI1: Logistics_EHS - IH and EC	Medium (default)	Functionality unavailable (alternative exists)	<a href="#">2267781</a>	Item is relevant. DB table 'CCIHT_IAL' based check. Relevant criteria is ">1 " and number found is 2 .
Solutions for Specific Industries - Public Sector	<b>S4TWL - Former Budgeting System (FBS) in Funds Management</b> SI1: Public Sector_PSM- FM - FBS	Assessme nt Required (default)	Functionality unavailable (alternative exists)	<a href="#">2270413</a>	Item is relevant. DB table 'FMISPS' based check. Relevant criteria is ">0 " and number found is 1 .; Item relevant; business function EA-PS is active
Finance - Accounting and Financial Close	<b>S4TWL - Currencies in Universal Journal</b> SI6_FIN_GL	Low (default)	Change of existing functionality	<a href="#">2344012</a>	Item is relevant. DB table 'BKPF' based check. Relevant criteria is ">1 " and number found is 2 .
Supply Chain - Inventory	<b>S4TWL - Goods movements without exclusive locking by material valuation</b> SI7: Logistics_MM-IM	Low (default)	Change of existing functionality	<a href="#">2338387</a>	Item is relevant. DB table 'MBEW' based check. Relevant criteria is ">0 " and number found is 1 .
Database and Data Management - Enterprise Information Management	<b>S4TWL - LEGACY SYSTEM MIGRATION WORKBENCH</b> SI9: CT_LSMW	Low (default)	Functionality deprecated (alternative exists)	<a href="#">2287723</a>	Item is relevant. DB table 'CVERS' based check. Relevant criteria is ">0 " and number found is 1 .
Asset Management - Maintenance Management	<b>S4TWL - Changes In List Reports For Order and Notification</b> SI6: Logistics_PM	Low (default)	Functionality deprecated (alternative exists)	<a href="#">2270108</a>	Item is relevant. DB table 'AFIH' based check. Relevant criteria is ">0 " and number found is 1 .
Supply Chain - Advanced Order Promising	<b>S4TWL - New advanced ATP in SAP S/4HANA – Table VBBS</b> SI1: Logistics_ATP	Low (default)	Functionality unavailable (alternative exists)	<a href="#">2267745</a>	Item is relevant. DB table 'TMVF' based check. Relevant criteria is ">0 " and number found is 1 .
Finance - Advanced Accounting and Financial Close	<b>S4TWL - Replacement of legal reports with SAP S/4HANA ACR</b> SI5: GSFIN_LEG_REP	Assessme nt Required (default)	Functionality unavailable (alternative exists)	<a href="#">2835816</a>	Item is relevant. Report ' RFUMSV00 ' . Relevant criteria is ">0 " and number found is 3 .

LoB– BusinessArea	Title	Effort Ranking	Category	SAP Note	Relevance
Finance - Enterprise Risk and Compliance	<b>S4TWL - Foreign Trade within SAP S/4HANA Procurement</b> SI15: PROC_FT	Assessme nt Required (default)	Functionality unavailable (alternative exists)	<a href="#">2267740</a>	Item is relevant. DB table 'T604T' based check. Relevant criteria is ">0 " and number found is 1 .
Database and Data Management - Enterprise Information Management	<b>S4TWL – Deprecation of 4 fields from FSBP table BP1010</b> SI14: FIN_MISC_FSBP_BP10 10	Assessme nt Required (default)	Functionality deprecated (alternative exists)	<a href="#">3216733</a>	Item is relevant. DB table 'BP1010' based check. Relevant criteria is ">0 " and number found is 1 .
R&D/Engineeri ng - Product Lifecycle Management	<b>S4TWL - BOM, Routing, Production Version</b> SI16: Logistics - PLM	Medium (default)	Change of existing functionality	<a href="#">2267880</a>	Item is relevant. DB table 'MARA' based check. Relevant criteria is ">0 " and number found is 1 . ; Item is relevant. DB table 'MARC' based check. Relevant criteria is ">0 " and number found is 1 .
Human Resources - Core HR and Time Recording	<b>S4TWL - ESS and MSS</b> SI5: HR_JAVA_ESS_MSS	Medium (default)	Functionality unavailable (alternative exists)	<a href="#">2383879</a>	Item is relevant. DB table 'PA0000' based check. Relevant criteria is ">0 " and number found is 1 .
Manufacturing - Production Planning	<b>S4TWL - Simplified Sourcing</b> SI7: Logistics_PP	Medium (default)	Change of existing functionality	<a href="#">2268069</a>	Item is relevant. DB table 'MARC' based check. Relevant criteria is ">0 " and number found is 1 .
Asset Management - Maintenance Management	<b>S4TWL - Download Data in MS Access out of List</b> SI2: Logistics_PM	Low (default)	Functionality deprecated (alternative exists)	<a href="#">2270076</a>	Item is relevant. DB table 'EQUI' based check. Relevant criteria is ">0 " and number found is 1 .
Solutions for Specific Industries - Retail	<b>S4TWL - Retail Information System</b> SI33: Logistics_General	Assessme nt Required (default)	Functionality unavailable (alternative planned)	<a href="#">2370131</a>	Item is relevant. DB table 'TMC4' based check. Relevant criteria is ">0 " and number found is 1 .
Database and Data Management - Enterprise Information Management	<b>S4TWL - Batch Input for Customer Master/Supplier Master</b> SI25: MasterData_BP	Assessme nt Required (default)	Functionality unavailable (alternative exists)	<a href="#">2492904</a>	Item is relevant. DB table 'KNA1' based check. Relevant criteria is ">0 " and number found is 1 .
R&D/Engineeri ng - Product Lifecycle Management	<b>S4TWL - Variant Configuration</b> SI13: Logistics - PLM	Low (default)	Change of existing functionality	<a href="#">2267873</a>	Item is relevant. DB table 'CUKB' based check. Relevant criteria is ">0 " and number found is 1 .



LoB– BusinessArea	Title	Effort Ranking	Category	SAP Note	Relevance
Finance - Cost Management and Profitability Analysis	<b>S4TWL - Reporting/Analytics in Controlling</b> SI8: FIN_CO	Medium (default)	Change of existing functionality	<a href="#">2349297</a>	Item is relevant. DB table 'COSP' based check. Relevant criteria is ">100 " and number found is 101 .; Item is relevant. DB table 'COSS' based check. Relevant criteria is ">100 " and number found is 101 .
R&D/Engineering - Enterprise Portfolio and Project Management	<b>S4TWL - Project System ITS Services</b> SI17 Logistics_PS	Assessment Required (default)	Functionality unavailable (no alternative planned)	<a href="#">2267331</a>	Item is relevant. DB table 'ICFSERVLOC' based check. Relevant criteria is ">0 " and number found is 1 .
Sales - Order and Contract Management	<b>S4TWL - SD Simplified Data Models</b> SI1: SD_GENERAL	Low (default)	Change of existing functionality	<a href="#">2267306</a>	Item is relevant. DB table 'VBUK' based check. Relevant criteria is ">0 " and number found is 1 .
Solutions for Specific Industries - Banking	<b>S4TWL - Business User integration of BPs with user name and personal number</b> SI10: FIN_MISC_FSBP_BP001_HR	Assessment Required (default)	Change of existing functionality	<a href="#">2900607</a>	Item is relevant. DB table 'BP001' based check. Relevant criteria is ">0 " and number found is 1 .
Manufacturing - Environment, Health, and Safety	<b>S4TWL - Specification Workbench Adjustments</b> SI14: Logistics_PSS	Low (default)	Change of existing functionality	<a href="#">2439345</a>	Item is relevant. DB table 'TCGENV' based check. Relevant criteria is ">0 " and number found is 1 .
Finance - Enterprise Risk and Compliance	<b>S4TWL - Foreign Trade fields in Material Master</b> SI6:MasterData_PM	Assessment Required (default)	Functionality unavailable (alternative exists)	<a href="#">2267225</a>	Item is relevant. DB table 'MARC' based check. Relevant criteria is ">0 " and number found is 1 .
Sourcing and Procurement - Operational Procurement	<b>S4TWL - Output Management Adoption in Purchase Order</b> SI9: PROC_MM_OUTPUT	Low (default)	Change of existing functionality	<a href="#">2267444</a>	Item is relevant. DB table 'NAST' based check. Relevant criteria is ">0 " and number found is 1 .
Database and Data Management - Enterprise Information Management	<b>S4TWL - Business Partner Approach</b> SI2: MasterData_BP	Assessment Required (default)	Change of existing functionality	<a href="#">2265093</a>	Item is relevant. DB table 'LFA1' based check. Relevant criteria is ">0 " and number found is 1 .



LoB– BusinessArea	Title	Effort Ranking	Category	SAP Note	Relevance
Finance - Accounting and Financial Close	<b>S4TWL - Amount Field Length Extension</b> SI8_FIN_GL	Medium (default)	Change of existing functionality	<a href="#">2628654</a>	Item is relevant. DB table 'BKPF' based check. Relevant criteria is ">0 " and number found is 1 .
Finance - Cost Management and Profitability Analysis	<b>S4TWL - Profitability Analysis</b> SI9: FIN_CO	Assessme nt Required (default)	Change of existing functionality	<a href="#">2349278</a>	Item is relevant. DB table 'TKA00' based check. Relevant criteria is ">0 " and number found is 1 .
Sourcing and Procurement - Invoice Management	<b>S4TWL - New Customizing for Exchange Rate Difference Handling</b> SI21: PROC_MM_IV_ERD	Assessme nt Required (default)	Change of existing functionality	<a href="#">3053636</a>	Item is relevant. DB table 'RBKP' based check. Relevant criteria is ">0 " and number found is 1 .
Human Resources - Core HR and Time Recording	<b>S4TWL – Flexible Benefits not supported in ESS technologies</b> SI31: Flex_Benefits_not supported_in_ESS	Assessme nt Required (default)	Functionality unavailable (no alternative planned)	<a href="#">3221404</a>	Item is relevant. DB table 'T5UB3' based check. Relevant criteria is ">0 " and number found is 1 . ; Item is relevant. DB table 'T74HP' based check. Relevant criteria is ">0 " and number found is 1 .
IT Management - Administration and Usability	<b>S4TWL - JOB SCHEDULING</b> SI8:CROSS_BC_CCM- BTC	Low (default)	Change of existing functionality	<a href="#">2318468</a>	Item is relevant. DB table 'CVERS' based check. Relevant criteria is ">0 " and number found is 1 .
Finance - Accounting and Financial Close	<b>S4TWL - ASSET ACCOUNTING</b> SI2: FIN_AA	Potentially High (calculate d)	Change of existing functionality	<a href="#">2270388</a>	Item is relevant. DB table 'T093C' based check. Relevant criteria is ">0 " and number found is 1 .
Asset Management - Maintenance Management	<b>S4TWL - Enterprise Search in EAM</b> SI8: Logistics	Low (default)	Change of existing functionality	<a href="#">2270123</a>	Item is relevant. DB table 'EQUI' based check. Relevant criteria is ">0 " and number found is 1 .
Manufacturing - Production Planning	<b>S4TWL - Planning Horizon</b> SI35: Logistics_PP	Medium (default)	Functionality unavailable (no alternative planned)	<a href="#">2270241</a>	Item is relevant. DB table 'T001W' based check. Relevant criteria is ">0 " and number found is 1 .
Finance - Accounting and Financial Close	<b>S4TWL - REPLACED TRANSACTION CODES AND PROGRAMS IN FIN</b> SI2_FIN_General	Medium (default)	Functionality unavailable (alternative exists)	<a href="#">2742613</a>	Item is relevant. DB table 'COEP' based check. Relevant criteria is ">0 " and number found is 1 .

LoB– BusinessArea	Title	Effort Ranking	Category	SAP Note	Relevance
Manufacturing - Production Planning	<b>S4TWL - Planning File</b> SI12: Logistics_PP	Medium (default)	Change of existing functionality	<a href="#">2268088</a>	Item is relevant. DB table 'T001W' based check. Relevant criteria is ">0 " and number found is 1 .
Finance - Cost Management and Profitability Analysis	<b>S4TWL - Summarization Hierarchies in Controlling</b> SI11: FIN_CO	Low (default)	Change of existing functionality	<a href="#">2349282</a>	Item is relevant. DB table 'TKKR1' based check. Relevant criteria is ">0 " and number found is 1 .
Sourcing and Procurement - Invoice Management	<b>S4TWL - Authorization Concept for Supplier Invoice</b> SI14: PROC_MM_IV_AUTH	Medium (default)	Change of existing functionality	<a href="#">2271189</a>	Item is relevant. DB table 'RBKP' based check. Relevant criteria is ">0 " and number found is 1 .
Finance - Cost Management and Profitability Analysis	<b>S4TWL - ACTIVITY- BASED COSTING</b> SI3_FIN_CO	Low (default)	Functionality unavailable (no alternative planned)	<a href="#">2270408</a>	Item is relevant. DB table 'TKA00' based check. Relevant criteria is ">0 " and number found is 1 .
Manufacturing - Production Planning	<b>S4TWL - Graphical display of available quantity in MRP evaluations</b> SI39: Logistics_PP	Assessme nt Required (default)	Functionality unavailable (alternative exists)	<a href="#">3018123</a>	Item is relevant. DB table 'T001W' based check. Relevant criteria is ">0 " and number found is 1 .
Finance - Advanced Financial Operations	<b>S4TWL - Globalization – Logistics</b> SI1_GSLOG	Low (default)	Functionality unavailable (alternative exists)	<a href="#">2270312</a>	Item is relevant. DB table 'VARID' based check. Relevant criteria is ">0 " and number found is 1 .
Supply Chain - Inventory	<b>S4TWL - Material Valuation - Statistical moving average price</b> SI4: Logistics_MM-IM	Low (default)	Change of existing functionality	<a href="#">2267835</a>	Item is relevant. DB table 'MBEW' based check. Relevant criteria is ">0 " and number found is 1 .
Sales - Order and Contract Management	<b>S4TWL - Billing Document Output Management</b> SI14: SD_BILLING_OM	Low (default)	Change of existing functionality	<a href="#">2790427</a>	Item is relevant. DB table 'VBRK' based check. Relevant criteria is ">0 " and number found is 1 .
Finance - Cost Management and Profitability Analysis	<b>S4TWL - Conversion to S/4HANA Material Ledger and Actual Costing</b> SI6: FIN_MISC_ML	Low (default)	Change of existing functionality	<a href="#">2352383</a>	Item is relevant. DB table 'EKBE' based check. Relevant criteria is ">0 " and number found is 1 .

### 3.1.2 Simplification Items with Relevance to Be Checked

The following simplification items cannot be checked automatically but may be immediately relevant for your SAP S/4HANA system conversion. Please check the relevance of items from used application areas by the provided Business Impact SAP Notes:

## SIMPLIFICATION ITEMS WITH RELEVANCE TO BE CHECKED

LoB– BusinessArea	Title	Effort Ranking	Category	SAP Note	Relevance
Application Platform and Infrastructure - Process Management and Integration	<b>S4TWL - Custom Fields</b> SI13: CT_Custom-Fields	Low (default)	Change of existing functionality	<a href="#">2320132</a>	Relevance cannot be determined. Please execute this check manually.
Others	<b>ABAPTWL - AS Java not available</b> SI05: AS_ABAP_JAVA_SUPP ORT	Assessme nt Required (default)	Functionality unavailable (no alternative planned)	<a href="#">2560753</a>	Relevance cannot be determined. Please execute this check manually.
IT Management - Administration and Usability	<b>ABAPTWL - Dual Stack not supported</b> SI06: AS_ABAP_DUAL_STAC K	Assessme nt Required (default)	Functionality unavailable (no alternative planned)	<a href="#">2560791</a>	Relevance cannot be determined. Please execute this check manually.
Application Platform and Infrastructure - Process Management and Integration	<b>S4TWL - FIORI APPLICATIONS FOR SUITE ON HANA ON- PREMISE</b> SI10: CT_FIORI	Assessme nt Required (default)	Change of existing functionality	<a href="#">2288828</a>	Relevance cannot be determined. Please execute this check manually.
IT Management - Administration and Usability	<b>ABAPTWL - Cleanup of orphaned objects</b> SI02: AS_ABAP_CLEANUP	Assessme nt Required (default)	Functionality unavailable (no alternative planned)	<a href="#">2672757</a>	Relevance cannot be determined. Please execute this check manually.
Finance - Accounting and Financial Close	<b>S4TWL - Globalization – Financials</b> SI1_GSFIN	Medium (default)	Functionality unavailable (alternative exists)	<a href="#">2270311</a>	Relevance cannot be determined. Please execute this check manually.
R&D/Engineeri ng - Product Lifecycle Management	<b>S4TWL - Enterprise Search in SAP Product Lifecycle Management (SAP PLM)</b> SI1: Logistics_PLM	Low (default)	Change of existing functionality	<a href="#">2267836</a>	Relevance cannot be determined. Please execute this check manually.
IT Management - Administration and Usability	<b>ABAPTWL - SSCR license key procedure is no longer supported</b> SI03: AS_ABAP_SSCR	Assessme nt Required (default)	Functionality unavailable (alternative exists)	<a href="#">2309060</a>	Relevance cannot be determined. Please execute this check manually.
Sourcing and Procurement - Operational Procurement	<b>S4TWL - MDM Catalog</b> SI7: PROC_MDM	Medium (default)	Functionality unavailable (alternative exists)	<a href="#">2271184</a>	Relevance cannot be determined. Please execute this check manually.
Finance - Financial Operations	<b>S4TWL - DMEE</b> SI10_FIN_General	Assessme nt Required (default)	Functionality deprecated (alternative exists)	<a href="#">3370503</a>	CLS4SIC_DMEE_AB A not found; check the implementation status of SAP Note 0003421371.

LoB– BusinessArea	Title	Effort Ranking	Category	SAP Note	Relevance
Finance - Accounting and Financial Close	<b>S4TWL - SAP HANA LIVE REPORTING</b> SI4_FIN_GL	Medium (default)	Functionality unavailable (alternative exists)	<a href="#">2270382</a>	Relevance cannot be determined. Please execute this check manually.
IT Management - Administration and Usability	<b>ABAP4TWL - VM Container not supported</b> SI04: AS_ABAP_VMCONTAI NER	Assessme nt Required (default)	Functionality unavailable (no alternative planned)	<a href="#">2560708</a>	Relevance cannot be determined. Please execute this check manually.
Others	<b>ABAP4TWL - No support for non simplified system flavour</b> SI01: AS_ABAP_NON_SIMPL E	Assessme nt Required (default)	Change of existing functionality	<a href="#">2656503</a>	Relevance cannot be determined. Please execute this check manually.
Application Platform and Infrastructure - Process Management and Integration	<b>S4TWL - Side Panel functionality in SAP S/4HANA (on-premise)</b> SI14: CT_SIDE_PANELS	Medium (default)	Functionality deprecated (alternative exists)	<a href="#">2340424</a>	Relevance cannot be determined. Please execute this check manually.
Application Platform and Infrastructure - Process Management and Integration	<b>S4TWL - Webshops by Internet Sales or Web Channel Experience Management</b> SI11: SD_IS	Assessme nt Required (default)	Functionality unavailable (alternative exists)	<a href="#">2271161</a>	Relevance cannot be determined. Please execute this check manually.
Others	<b>ABAP4TWL - Instances without ICM not supported</b> SI07_ AS_ABAP_INSTANCE_ WITHOUT_ICM	Assessme nt Required (default)	Functionality unavailable (no alternative planned)	<a href="#">2560792</a>	Relevance cannot be determined. Please execute this check manually.
Application Platform and Infrastructure - Process Management and Integration	<b>ABAP4TWL - Removal of Transceiver Integration</b> SI18: AS_ABAP_TRANSCEIV ER_INTEGRATION	Assessme nt Required (default)	Functionality unavailable (no alternative planned)	<a href="#">2879911</a>	Relevance cannot be determined. Please execute this check manually.
Application Platform and Infrastructure - Process Management and Integration	<b>S4TWL - Changed Interfaces</b> SI15: CT_Integration	Assessme nt Required (default)	Change of existing functionality	<a href="#">2259818</a>	Relevance cannot be determined. Please execute this check manually.

**If you would like to have the sort and filter possibility on the relevant simplification items or see additional attributes, use the simplification item excel generated together with the word document.**

**LINK TO THE LIST OF RELEVANT SIMPLIFICATION ITEMS**
[https://me.sap.com/readinesscheck/Analysis\('6016521'\)/Simplification](https://me.sap.com/readinesscheck/Analysis('6016521')/Simplification)
**3.1.3 Activities Related to Simplification Items**

This new section shows you project-related activities per simplification item drawn from each individual simplification item business impact note and various other sources. Each activity is assigned a conversion phase and a condition helping you to drill down into each area and filter accordingly. This information shall also help you to identify activities that can be performed well in advance of the actual conversion project and supports you to redirect certain to-dos to the right departments in your organization.

NOTE: The activities per simplification item are taken from available documentation and might not cover all actions that are necessary during your SAP S/4HANA conversion project.

**GENERAL STATISTICS**

Status	Number of Objects
Overall number of activities	335

Related Simplification Item	Activities	Phase	Condition	Additional Information
ABAP4TWL - Removal of Transceiver Integration (SI18: AS_ABAP_TRANSCIVER_INTEGRATION)	Custom Code Adaption	Before or during conversion project	Mandatory	Remove usages of the deleted objects from your custom code.
ABAPTWL - Change of authorization checks SAP Business Workflow (SI21: AS_ABAP_WORKFLOW_AUTHORIZATION_CHANGES)	Technical System Configuration	During conversion project	Mandatory	Adapt your roles and authorizations as described in SAP note 2979517.
ABAPTWL - Change of workflow system user and workflow system jobs (SI20: AS_ABAP_WORKFLOW_USER_JOBS)	Technical System Configuration	During conversion project	Mandatory	Adapt your workflow jobs as described in SAP note 2568271.
ABAPTWL - Cleanup of orphaned objects (SI02: AS_ABAP_CLEANUP)	Custom Code Adaption	Before or during conversion project	Mandatory	Remove usage of obsolete SAP objects from custom code.

Related Simplification Item	Activities	Phase	Condition	Additional Information
ABAPTWL - Dual Stack not supported (SI06: AS_ABAP_DUAL_STACK)	Landscape Redesign	Before conversion project	Mandatory	Split your dual stack system into separate ABAP and Java instances.
ABAPTWL - SSCR license key procedure is no longer supported (SI03: AS_ABAP_SSCR)	Process Design / Blueprint	Before or during conversion project	Optional	Setup control of development activities as recommended in SAP note 2309060 .
ABAPTWL - SSCR license key procedure is no longer supported (SI03: AS_ABAP_SSCR)	User Training	Before or during conversion project	Optional	Educate developers about process changes on controlling development activities.
ABAPTWL - VM Container not supported (SI04: AS_ABAP_VMC ONTAINER)	Custom Code Adaption	Before or during conversion project	Mandatory	Remove any VMC usage in your custom applications.
S4TWL - ACTIVITY-BASED COSTING (SI3_FIN_CO)	Business Operations	During conversion project	Mandatory	
S4TWL - ACTIVITY-BASED COSTING (SI3_FIN_CO)	Custom Code Adaption	During conversion project	Mandatory	
S4TWL - ACTIVITY-BASED COSTING (SI3_FIN_CO)	User Training	During conversion project	Mandatory	Inform customer about missing functionalities
S4TWL - ASSET ACCOUNTING (SI2: FIN_AA)	Business Decision	Before conversion project	Mandatory	Decide about future ledger approach for asset accounting.
S4TWL - ASSET ACCOUNTING (SI2: FIN_AA)	Business Operations	During conversion project	Mandatory	Execute year-end and month-end closing activities.
S4TWL - ASSET ACCOUNTING (SI2: FIN_AA)	Custom Code Adaption	During conversion project	Mandatory	For required custom code adaption refer to simplification item SI1: FIN_AA and SAP note 2270387.

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - ASSET ACCOUNTING (SI2: FIN_AA)	Customizing / Configuration	During conversion project	Mandatory	Perform customizing and configuration required for preparing the data migration and for the future asset accounting design in SAP S/4HANA.
S4TWL - ASSET ACCOUNTING (SI2: FIN_AA)	Data cleanup / archiving	Before conversion project	Optional	Reduce number of asset accounting documents to avoid unnecessary data error corrections and to minimize conversion downtime.
S4TWL - ASSET ACCOUNTING (SI2: FIN_AA)	Data correction	Before or during conversion project	Mandatory	Check and correct inconsistent data which is relevant for the conversion.
S4TWL - ASSET ACCOUNTING (SI2: FIN_AA)	Data migration	During conversion project	Mandatory	Perform data migration to new SAP S/4HANA data model.
S4TWL - ASSET ACCOUNTING (SI2: FIN_AA)	Interface Adaption	During conversion project	Mandatory	Adapt or replace obsolete or changed legacy data transfer methods.
S4TWL - ASSET ACCOUNTING (SI2: FIN_AA)	Process Design / Blueprint	Before or during conversion project	Mandatory	Create blueprint for required Asset Accounting configuration in SAP S/4HANA.
S4TWL - ASSET ACCOUNTING (SI2: FIN_AA)	User Training	During conversion project	Mandatory	Inform users about changes in Asset Accounting.
S4TWL - AVAILABILITY OF TRANSACTIONS IN MM-IM (SI2: Logistics_MM-IM)	Custom Code Adaption	During conversion project	Mandatory	Replace customer coding using the transaction codes MB01, MB02 MB04, MB05, MB0A, MB11, MB1A, MB1B, MB1C, MB31, MBNL, MBRL, MBSF, MBSL and MBSU (e.g. by suing CALL TRANSACTION MBxy) by make use of function module BAPI_GOODSMVT_CREATE
S4TWL - AVAILABILITY OF TRANSACTIONS IN MM-IM (SI2: Logistics_MM-IM)	User Training	During conversion project	Optional	

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Amount Field Length Extension (SI8_FIN_GL)	Custom Code Adaption	During conversion project	Mandatory	
S4TWL - Amount Field Length Extension (SI8_FIN_GL)	Software Upgrade / Maintenance	During conversion project	Conditional	Implementation of SAP Notes might be required in case new functionality should be used
S4TWL - Authorization Concept for Supplier Invoice (SI14: PROC_MM_IV_ATH)	Customizing / Configuration	During conversion project	Mandatory	Users working with supplier invoices, additionally need the authorizations based on M_RECH_BUK
S4TWL - BI Extractors in SAP S/4HANA (SI18: CT_BW_EXTRACTORS)	Interface Adaption	During conversion project	Mandatory	Adjust or change BI extractors.
S4TWL - BI Extractors in SAP S/4HANA (SI18: CT_BW_EXTRACTORS)	New developments	During conversion project	Optional	Develop solutions for obsolete BW extractors
S4TWL - BI content, Datasources and extractors for DFPS (SI2: Defense&Security)	Interface Adaption	During conversion project	Mandatory	Adjust or change BI extractors.
S4TWL - BI content, Datasources and extractors for DFPS (SI2: Defense&Security)	New developments	During conversion project	Conditional	Depending on your revised reporting strategy and concepts, implement new solutions for data extraction and reporting.
S4TWL - BI content, Datasources and extractors for DFPS (SI2: Defense&Security)	Process Design / Blueprint	During conversion project	Mandatory	BI content, Data Sources and Extractors are unavailable in SAP S/4 HANA, Define alternative reporting concepts as indicated in SAP Note 2273294.



Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWT - BI content, Datasources and extractors for DFPS (SI2: Defense&Security )	User Training	During conversion project	Optional	Train users if you implement new reporting capabilities.
S4TWT - BOM, Routing, Production Version (SI16: Logistics - PLM)	Custom Code Adaption	During conversion project	Mandatory	
S4TWT - BOM, Routing, Production Version (SI16: Logistics - PLM)	Data migration	During conversion project	Mandatory	It is recommended to migrate BOMs, for which there is no corresponding routing using report CS_BOM_PRODVER_MIGRATION. It is recommended to migrate BOMs, for which there exist corresponding routings using report CS_BOM_PRODVER_MIGRATION02.
S4TWT - BOM, Routing, Production Version (SI16: Logistics - PLM)	User Training	Before or during conversion project	Mandatory	Production versions are mandatory in S/4HANA. MRP, planned order creation, and production order creation only find a BOM and routing alternative if a production version is maintained for the BOM and routing alternative.
S4TWT - BW Extractors for Dangerous Goods Management and Specification Managemen (SI8: Logistics_PSS)	Custom Code Adaption	During conversion project	Mandatory	
S4TWT - BW Extractors for Dangerous Goods Management and Specification Managemen (SI8: Logistics_PSS)	Process Design / Blueprint	Before or during conversion project	Mandatory	The relevant BW extractors and data sources for Dangerous Goods Management and Specification Management are not available within SAP S/4HANA

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Batch Input for Customer Master/Supplier Master (SI25: MasterData_BP)	Custom Code Adaption	Before or during conversion project	Conditional	Adjust your custom code according to the new process.
S4TWL - Batch Input for Customer Master/Supplier Master (SI25: MasterData_BP)	Process Design / Blueprint	Before conversion project	Mandatory	Batch Input to maintain customer master and supplier master data is not supported since SAP S/4 HANA 1809, please use one of the following alternatives: Business Partner SOAP Services. Refer to SAP Note 2472030 for more information IDocs (CREMAS/DEBMAS) Mass Transactions (XK99/XD99)
S4TWL - Batch Input for Customer Master/Supplier Master (SI25: MasterData_BP)	User Training	Before or during conversion project	Mandatory	
S4TWL - Batch Input for Enterprise Asset Management (EAM) (SI5: Logistics_PM)	Business Decision	Before or during conversion project	Optional	Please check if you use Batch Input for creating / changing Plant Maintenance data. If Yes do not invest further in this kind of technology. Recommendation within EAM is to use the API's wherever possible
S4TWL - Batch Input for Enterprise Asset Management (EAM) (SI5: Logistics_PM)	Custom Code Adaption	During conversion project	Optional	If you use Batch Input for creating / changing Plant Maintenance data, recommendation within EAM is to use the API's wherever possible.

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWT - Billing Document Output Management (S114: SD_BILLING_OM )	Business Decision	Before conversion project	Mandatory	Additionally to the existing output management based on NAST a new Output Management solution is adopted S/4 HANA-wide. Thereby a unified solution can be used for all Output Management activities. The existing Output Management solution however is still the default.
S4TWT - Billing Document Output Management (S114: SD_BILLING_OM )	Custom Code Adaption	During conversion project	Conditional	Replace custom code for previous NAST-based output management.
S4TWT - Billing Document Output Management (S114: SD_BILLING_OM )	Customizing / Configuration	During conversion project	Conditional	Configure new output management.
S4TWT - Billing Document Output Management (S114: SD_BILLING_OM )	Landscape Redesign	During or after conversion project	Conditional	If new output management is used, setup required technical infrastructure.
S4TWT - Billing Document Output Management (S114: SD_BILLING_OM )	Process Design / Blueprint	During or after conversion project	Optional	Additionally to the existing output management based on NAST a new Output Management solution is adopted S/4 HANA-wide. Thereby a unified solution can be used for all Output Management activities. The existing Output Management solution however is still the default.
S4TWT - Billing Document Output Management (S114: SD_BILLING_OM )	Technical System Configuration	During or after conversion project	Conditional	Configure technical infrastructure for new output management.

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWT - Billing Document Output Management (SI14: SD_BILLING_OM)	User Training	After conversion project	Optional	
S4TWT - Business Partner Approach (SI2: MasterData_BP)	Business Decision	Before conversion project	Mandatory	Before the conversion project you need to make a decision on whether the Business Partner ID and the Customer/Vendor ID should be the same.
S4TWT - Business Partner Approach (SI2: MasterData_BP)	Custom Code Adaption	During conversion project	Mandatory	Adapt your Custom Code as per Note 2265093 "Custom Code Adaption" section
S4TWT - Business Partner Approach (SI2: MasterData_BP)	Customizing / Configuration	Before or during conversion project	Mandatory	Check CVI customizing and trigger necessary changes e.g. missing BP Role Category, Define Number Assignments according to the S/4 Conversion guide chapter Introduce Business Partner Approach (Customer Vendor Integration) (Note 2265093) Check and maintain BP customizing e.g. missing tax types.

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Business Partner Approach (SI2: MasterData_BP)	Data correction	During conversion project	Mandatory	Carry out post-implementation steps as per BP_Conversion Document.pdf attached to SAP Note 2211312 The customer/vendor transformation is bidirectional. You can both process customer/vendor master records from business partner maintenance as well as populate data from customer/vendor processing to the business partner. After the successful S/4 conversion process you have to activate the post processing for direction Business Partner a Customer /Vendor.
S4TWL - Business Partner Approach (SI2: MasterData_BP)	Data correction	Before or during conversion project	Conditional	If the Business Function CA_BP_SO is present in your system -> activate it as per Note 2265093 In case that the Business Function CA_BP_SOA does not yet exist in the system -> you have to create a new Business Function in the customer namespace with the switches VENDOR_SFWS_SC1 and VENDOR_SFWS_SC2. The new customer specific Business Function must be of type Enterprise Business Function (G) - see also Mandatory checks for customer, vendor and contact as per Note 2265093.

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Business Partner Approach (SI2: MasterData_BP)	Data correction	Before or during conversion project	Mandatory	Check master data consistency using CVI_MIGRATION_PRECHK and maintain consistency. Check and clean-up customer/vendor data e.g. missing @-sign in the e-mail address. Run Business Partner Pre-Check PRECHECK_UPGRADATION_REPORT to verify the results according to the Note 2211312.
S4TWL - Business Partner Approach (SI2: MasterData_BP)	Data migration	Before or during conversion project	Mandatory	Perform Synchronization (Data load) via Synchronization Cockpit (Note 2265093)
S4TWL - Business Partner Approach (SI2: MasterData_BP)	Data migration	During conversion project	Conditional	Valid for IS-OIL: In S4HANA all the IS-OIL specific fields (including customer BDRP data fields) have been adapted as per the new Framework of BP. The IS-OIL Fields related to Vendor and Customer now have been moved to BP under the roles FLCU01 (Customer), FLVN01 (Vendor)
S4TWL - Business Partner Approach (SI2: MasterData_BP)	Process Design / Blueprint	Before conversion project	Mandatory	There is a list of transactions that redirect you to the transaction BP, as well as a list of obsolete transactions as per Note 2265093 , adjust your business process accordingly.
S4TWL - Business Partner Approach (SI2: MasterData_BP)	Technical System Configuration	Before or during conversion project	Mandatory	Implement SAP S/4HANA Conversion Pre-Checks according to the SAP S/4HANA Conversion guide chapter Pre-Checks as per Note 2265093 .
S4TWL - Business Partner Approach (SI2: MasterData_BP)	User Training	During conversion project	Optional	User training to use new transactions for Business Partners in S/4HANA

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Business User Management (SI21: BUSINESS_USER)	Customizing / Configuration	During conversion project	Mandatory	Configure update channel for workplace address data If HR integration is active, configure and maintain employee master data
S4TWL - Business User Management (SI21: BUSINESS_USER)	Data correction	Before or during conversion project	Mandatory	check user data (as part of general business partner introduction)
S4TWL - Business User Management (SI21: BUSINESS_USER)	Data migration	During conversion project	Mandatory	If HR integration is active, run HCM business partner synchronization as described in HCM simplification SAP Note 2340095 If HR integration is not active, create or upload person data with Fiori app "Maintain employee"
S4TWL - Business User Management (SI21: BUSINESS_USER)	Fiori Implementation	During conversion project	Conditional	If HR integration is not active, implement Fiori app "Maintain employee"
S4TWL - Business User Management (SI21: BUSINESS_USER)	User Training	During conversion project	Mandatory	
S4TWL - Business User integration of BPs with user name and personal number (SI10: FIN_MISC_FSBP_BP001_HR)	Data correction	Before conversion project	Mandatory	
S4TWL - CASH MANAGEMENT - Bank Accounts (SI2_FIN_CM)	Custom Code Adaption	During conversion project	Mandatory	Adopt custom code to fit to the new logic described in note 2870766.
S4TWL - CASH MANAGEMENT - Bank Accounts (SI2_FIN_CM)	Customizing / Configuration	During conversion project	Mandatory	Create number ranges, account types, import of bank statements.

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - CASH MANAGEMENT - Bank Accounts (SI2_FIN_CM)	Data migration	During conversion project	Mandatory	Migrate House Banks into Bank Account Management.
S4TWL - CASH MANAGEMENT - Bank Accounts (SI2_FIN_CM)	Fiori Implementation	During conversion project	Mandatory	Implement Fiori apps required to manage banks and bank accounts.
S4TWL - CASH MANAGEMENT - Bank Accounts (SI2_FIN_CM)	User Training	During conversion project	Mandatory	Inform users about changes to user interface and business logics.
S4TWL - CASH MANAGEMENT - GENERAL (SI1_FIN_CM)	Business Decision	During conversion project	Mandatory	
S4TWL - CASH MANAGEMENT - GENERAL (SI1_FIN_CM)	Customizing / Configuration	During conversion project	Mandatory	
S4TWL - CASH MANAGEMENT - GENERAL (SI1_FIN_CM)	Implementation project required	During conversion project	Optional	
S4TWL - CATSXT (SI31: CT_CATSXT)	Fiori Implementation	Before or after conversion project	Optional	Consider Fiori App "My Timesheet" as replacement for CATSXT.
S4TWL - COST ELEMENTS (SI7: FIN_CO)	Custom Code Adaption	During conversion project	Mandatory	
S4TWL - COST ELEMENTS (SI7: FIN_CO)	Process Design / Blueprint	During conversion project	Mandatory	
S4TWL - COST ELEMENTS (SI7: FIN_CO)	User Training	During conversion project	Mandatory	
S4TWL - Changed Interfaces (SI15: CT_Integration)	Interface Adaption	During conversion project	Mandatory	Adjust any interfaces that use obsolete RFC.
S4TWL - Changes In List Reports For Order and Notification (SI6: Logistics_PM)	Technical System Configuration	During conversion project	Conditional	Implement the SAP Notes 393393 and 551133 if needed and run the reports 'QM_PHASE_FILL' and 'RIAFVC_IPHAS_FILL' before the upgrade to SAP S/4HANA (if not done already).



Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWT - Changes In List Reports For Order and Notification (SI6: Logistics_PM)	User Training	During conversion project	Conditional	In case you use the transaction IW37, IW49, please use IW37n or IW49n instead.
S4TWT - Classic MM-PUR GUI Transactions replacement (SI11: PROC_MM_DYN )	Custom Code Adaption	During conversion project	Mandatory	Replace custom code referring to old BAPIs
S4TWT - Classic MM-PUR GUI Transactions replacement (SI11: PROC_MM_DYN )	Customizing / Configuration	During conversion project	Optional	
S4TWT - Classic MM-PUR GUI Transactions replacement (SI11: PROC_MM_DYN )	User Training	During conversion project	Optional	
S4TWT - Classification (SI14: Logistics - PLM)	Custom Code Adaption	During conversion project	Mandatory	SAP Note: 22213569 and SAP Note: 2221293
S4TWT - Classification (SI14: Logistics - PLM)	Process Design / Blueprint	Before conversion project	Conditional	If customer is using parameter effectivity for classification in ECC. Parameter Effectivity has been hidden for classification in the SAP S/4HANA, on-premise edition 1511 shipment. As an alternative solution, Variant Configuration shall be used with object based dependencies.
S4TWT - Classification (SI14: Logistics - PLM)	User Training	During conversion project	Optional	

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Conversion of Employees to Business Partners (SI2: HR_Empl)	Customizing / Configuration	During conversion project	Mandatory	Perform customizing for HCM business partner synchronization and the required business user management.
S4TWL - Conversion of Employees to Business Partners (SI2: HR_Empl)	Data cleanup / archiving	During conversion project	Mandatory	Check and correct data and customizing for vendors related to employees. Archive unused vendor and employee data. Check and correct employee master data according to used HCM integration scenario and business partner configuration in ERP system.
S4TWL - Conversion of Employees to Business Partners (SI2: HR_Empl)	Data migration	During conversion project	Mandatory	Perform business partner synchronization for employees after technical conversion using SUM.
S4TWL - Conversion of Employees to Business Partners (SI2: HR_Empl)	Miscellaneous	Before or during conversion project	Mandatory	As prerequisite for the synchronization of employees and business partners, the customer-vendor integration with business partner has to be activated in the ERP system as described in simplification item SI2: MasterData_BP (SAP note 2265093).
S4TWL - Conversion of Employees to Business Partners (SI2: HR_Empl)	Process Design / Blueprint	During conversion project	Conditional	If business downtime is important, do a careful cut over planning for the employee/business partner synchronization and plan for some optional iteration cycles to optimize the synchronization runtime.
S4TWL - Conversion to S/4HANA Material Ledger and Actual Costing (SI6: FIN_MISC_ML)	Business Operations	During conversion project	Conditional	If Material ledger is already active => complete step "Post closing" for all ML costing runs created before conversion/upgrade

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Conversion to S/4HANA Material Ledger and Actual Costing (SI6: FIN_MISC_ML)	Customizing / Configuration	During conversion project	Mandatory	
S4TWL - Conversion to S/4HANA Material Ledger and Actual Costing (SI6: FIN_MISC_ML)	Customizing / Configuration	During conversion project	Conditional	If actual costing is active => customize account determination as of SAP S/4HANA 1610
S4TWL - Conversion to S/4HANA Material Ledger and Actual Costing (SI6: FIN_MISC_ML)	Data cleanup / archiving	Before conversion project	Optional	Archiving historic data
S4TWL - Conversion to S/4HANA Material Ledger and Actual Costing (SI6: FIN_MISC_ML)	Data correction	During conversion project	Mandatory	
S4TWL - Conversion to S/4HANA Material Ledger and Actual Costing (SI6: FIN_MISC_ML)	Data migration	During conversion project	Mandatory	
S4TWL - Conversion to S/4HANA Material Ledger and Actual Costing (SI6: FIN_MISC_ML)	Software Upgrade / Maintenance	During conversion project	Mandatory	Implementation of SAP Notes mentioned in SAP Note "2345739" for your corresponding Support Package.
S4TWL - Currencies in Universal Journal (SI6_FIN_GL)	Business Decision	Before conversion project	Optional	
S4TWL - Currencies in Universal Journal (SI6_FIN_GL)	Customizing / Configuration	During conversion project	Mandatory	

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Currencies in Universal Journal (SI6_FIN_GL)	Process Design / Blueprint	During conversion project	Optional	
S4TWL - Currencies in Universal Journal (SI6_FIN_GL)	User Training	During conversion project	Mandatory	
S4TWL - Custom Fields (SI13: CT_Custom-Fields)	Custom Code Adaption	During or after conversion project	Optional	Enable existing CDS extensions to SAP S/4HANA tables for SAP Fiori applications (raised by ATC checks)
S4TWL - Custom Fields (SI13: CT_Custom-Fields)	Customizing / Configuration	During or after conversion project	Optional	Preapre and enable Custom Database Fields Usage in SAP Fiori Applications
S4TWL - DATA MODEL CHANGES IN FIN (SI1_FIN_Genera l)	Custom Code Adaption	During conversion project	Mandatory	Adapt access to the new simplified Finance data model in your customer-specific programs
S4TWL - DATA MODEL IN INVENTORY MANAGEMENT (MM-IM) (SI1: Logistics_MM-IM)	Business Decision	Before conversion project	Optional	Decide which locking methods to be used for goods movements
S4TWL - DATA MODEL IN INVENTORY MANAGEMENT (MM-IM) (SI1: Logistics_MM-IM)	Custom Code Adaption	During conversion project	Mandatory	
S4TWL - DATA MODEL IN INVENTORY MANAGEMENT (MM-IM) (SI1: Logistics_MM-IM)	Customizing / Configuration	During or after conversion project	Mandatory	
S4TWL - DATA MODEL IN INVENTORY MANAGEMENT (MM-IM) (SI1: Logistics_MM-IM)	Customizing / Configuration	During conversion project	Mandatory	

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - DATA MODEL IN INVENTORY MANAGEMENT (MM-IM) (SI1: Logistics_MM-IM)	Technical System Configuration	During conversion project	Optional	
S4TWL - DATA STRUCTURE CHANGES IN ASSET ACCOUNTING (SI1: FIN_AA)	Custom Code Adaption	During conversion project	Mandatory	
S4TWL - DMEE (SI10_FIN_General)	Data migration	Any time	Conditional	If you switch to successor transaction DMEEX, perform migration as described in SAP note 3370503.
S4TWL - DMEE (SI10_FIN_General)	User Training	Any time	Optional	Inform user about status change and alternative transaction.
S4TWL - Data Model Changes in SD Pricing (SI2: SD_PRIC)	Custom Code Adaption	During conversion project	Mandatory	
S4TWL - Data Model Changes in SD Pricing (SI2: SD_PRIC)	Data migration	After conversion project	Mandatory	
S4TWL - Data Model Changes in SD Pricing (SI2: SD_PRIC)	Technical System Configuration	During conversion project	Conditional	If pricing table KONV has been enhanced with customer-specific fields, you must ensure that the appended fields are also added to the new structure PRCS_ELEMENTS_DATA.
S4TWL - Determination of default values in Intrastat reporting (SI3: FIN_SLL_ISR_DV)	Customizing / Configuration	After conversion project	Mandatory	
S4TWL - Determination of default values in Intrastat reporting (SI3: FIN_SLL_ISR_DV)	Data correction	After conversion project	Mandatory	

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWT - Download Data in MS Access out of List (SI2: Logistics_PM)	Custom Code Adaption	During or after conversion project	Optional	MS Access is not considered as future technology. Functional equivalent is available (Excel / Open Office).
S4TWT - Download Data in MS Access out of List (SI2: Logistics_PM)	User Training	During conversion project	Optional	
S4TWT - ESS and MSS (SI5: HR_JAVA_ESS_MSS)	Customizing / Configuration	During conversion project	Conditional	If customer uses SAP ERP HCM and Java-based ESS and MSS in one system, then configure WebDynpro ABAP-based ESS and MSS services or SAP Fiori based ESS and MSS apps (mandatory in conditional and prepare phase)
S4TWT - ESS and MSS (SI5: HR_JAVA_ESS_MSS)	Software Upgrade / Maintenance	Before or during conversion project	Conditional	If customer uses SAP HCM and Java-based ESS and MSS in one system then remove Netweaver JAVA stack
S4TWT - ESS and MSS (SI5: HR_JAVA_ESS_MSS)	User Training	During conversion project	Conditional	
S4TWT - Enterprise Search in EAM (SI8: Logistics)	Customizing / Configuration	During conversion project	Mandatory	You have to activate the Enterprise search models and do the described configuration steps.
S4TWT - Enterprise Search in SAP Product Lifecycle Management (SAP PLM) (SI1: Logistics_PLM)	Custom Code Adaption	During conversion project	Mandatory	Custom code needs to be adjusted to reference to the new model names

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Enterprise Search in SAP Product Lifecycle Management (SAP PLM) (SI1: Logistics_PLM)	Customizing / Configuration	During conversion project	Mandatory	With SAP S/4HANA the Enterprise Search models are now replication free search models (using HANA DB tables instead) within SAP Product Lifecycle Management (SAP PLM). The Enterprise Search models' names have changed and due to this, the related customizing (Define Settings for PLM Search under PLM Search) needs to be adjusted. SAP Note 2212593
S4TWL - FIORI APPLICATIONS FOR SUITE ON HANA ON-PREMISE (SI10: CT_FIORI)	Custom Code Adaption	During conversion project	Conditional	if Fiori has been enhanced SAP ERP 6.0, analyze and perform required enhancements in SAP S/4HANA
S4TWL - FIORI APPLICATIONS FOR SUITE ON HANA ON-PREMISE (SI10: CT_FIORI)	Fiori Implementation	During conversion project	Conditional	if Fiori is used in SAP ERP 6.0, configure successor apps
S4TWL - FIORI APPLICATIONS FOR SUITE ON HANA ON-PREMISE (SI10: CT_FIORI)	User Training	During conversion project	Conditional	train users on new Fiori apps
S4TWL - Foreign Trade (SI3: SD_FT)	Business Decision	Before conversion project	Mandatory	In SAP S/4HANA, the Foreign Trade (SD-FT) functionality is not available anymore. Instead, SAP S/4HANA for international trade within SAP S/4HANA is the successor
S4TWL - Foreign Trade (SI3: SD_FT)	Custom Code Adaption	During conversion project	Mandatory	
S4TWL - Foreign Trade (SI3: SD_FT)	Customizing / Configuration	During conversion project	Conditional	If GTS shall be used depending on scope and business decision, configure new GTS processes

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Foreign Trade (SI3: SD_FT)	Data migration	During conversion project	Conditional	If GTS shall be used depending on scope and business decision, migrate data to GTS
S4TWL - Foreign Trade (SI3: SD_FT)	Interface Adaption	During conversion project	Conditional	If GTS shall be used depending on scope and business decision, provide interface between GTS and S/4HANA
S4TWL - Foreign Trade (SI3: SD_FT)	Landscape Redesign	During conversion project	Conditional	If GTS shall be used depending on scope and business decision, provide GTS system
S4TWL - Foreign Trade (SI3: SD_FT)	New developments	During conversion project	Conditional	If GTS shall be used depending on scope and business decision, provide developments for new GTS processes
S4TWL - Foreign Trade (SI3: SD_FT)	Process Design / Blueprint	Before conversion project	Conditional	If GTS shall be used depending on scope and business decision, design new GTS processes
S4TWL - Foreign Trade (SI3: SD_FT)	User Training	During or after conversion project	Conditional	If GTS shall be used depending on scope and business decision, train users
S4TWL - Foreign Trade fields in Material Master (SI6:MasterData_PM)	Business Decision	Before conversion project	Mandatory	In SAP S/4HANA, the Foreign Trade (SD-FT) functionality is not available anymore. Instead, SAP S/4HANA for international trade within SAP S/4HANA is the successor.
S4TWL - Foreign Trade fields in Material Master (SI6:MasterData_PM)	Custom Code Adaption	During conversion project	Mandatory	
S4TWL - Foreign Trade fields in Material Master (SI6:MasterData_PM)	Customizing / Configuration	Before conversion project	Mandatory	



Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWT - Foreign Trade fields in Material Master (SI6:MasterData_PM)	Customizing / Configuration	During conversion project	Mandatory	To migrate financial documents in Foreign Trade to Trade Finance, you carry out the migration steps available as Customizing activities (transaction SPRO, SAP Reference IMG) under: Conversion of Accounting to SAP S/4HANA-->Preparations and Migration of Customizing-->Preparations for Migration of Financial Documents to Trade Finance Conversion of Accounting to SAP S/4HANA-->Data Migration-->Migration of Financial Documents to Trade Finance Complete Migration of Financial Documents to Trade Finance conversion of Accounting to SAP S/4HANA-->Activities after Migration-->Manual Activities for Trade Finance"
S4TWT - Foreign Trade fields in Material Master (SI6:MasterData_PM)	Data cleanup / archiving	During conversion project	Mandatory	You should Run as post conversion activity, report ZUPDATE_MARC_FOREIGN_TRADE(note 2458666) - to delete the content of the obsolete files. This avoids accidental side effects.
S4TWT - Foreign Trade fields in Material Master (SI6:MasterData_PM)	Implementation project required	Before conversion project	Mandatory	GTS functionality is considered as a pre-project, plan time and resources for the new implementation.
S4TWT - Foreign Trade fields in Material Master (SI6:MasterData_PM)	Interface Adaption	Before conversion project	Mandatory	

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWT - Foreign Trade fields in Material Master (SI6:MasterData_PM)	Process Design / Blueprint	Before conversion project	Conditional	In case relevant SAP GTS needs to be installed, analysis of all foreign trade processes that are currently in use is required, before conversion.
S4TWT - Foreign Trade fields in Material Master (SI6:MasterData_PM)	User Training	During conversion project	Mandatory	
S4TWT - Foreign Trade within SAP S/4HANA Procurement (SI15: PROC_FT)	Custom Code Adaption	During conversion project	Mandatory	
S4TWT - Foreign Trade within SAP S/4HANA Procurement (SI15: PROC_FT)	Interface Adaption	During conversion project	Conditional	It is possible that 3rd party foreign trade system will need adjustments by the respective 3rd party Solution/Service Provider.
S4TWT - Foreign Trade within SAP S/4HANA Procurement (SI15: PROC_FT)	Landscape Redesign	Before conversion project	Conditional	Foreign trade functionality in S/4HANA is replaced. SAP GTS can be connected to S/4HANA to run the respective foreign trade processes
S4TWT - Foreign Trade within SAP S/4HANA Procurement (SI15: PROC_FT)	User Training	During or after conversion project	Mandatory	
S4TWT - Former Budgeting System (FBS) in Funds Management (SI1: Public Sector_PSM-FM - FBS)	Business Decision	Before conversion project	Mandatory	In SAP S/4 HANA the tool for budgeting is Budget Control System (BCS), adjust your process according to that
S4TWT - Former Budgeting System (FBS) in Funds Management (SI1: Public Sector_PSM-FM - FBS)	Custom Code Adaption	During conversion project	Conditional	If your Custom Code is referencing FBS, you will need to rewrite it for the use of BCS

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Former Budgeting System (FBS) in Funds Management (SI1: Public Sector_PSM-FM - FBS)	Customizing / Configuration	Before conversion project	Mandatory	Perform the configuration of BCS
S4TWL - Former Budgeting System (FBS) in Funds Management (SI1: Public Sector_PSM-FM - FBS)	Data migration	Before conversion project	Mandatory	Perform the FBS -> BCS migration before the system conversion to ensure that you have enough time for budget approval after conversion
S4TWL - Former Budgeting System (FBS) in Funds Management (SI1: Public Sector_PSM-FM - FBS)	User Training	During or after conversion project	Mandatory	
S4TWL - Functionality Average Daily Balance-based Distribution (SI9: Public Sector_PSM-FA)	Custom Code Adaption	During conversion project	Conditional	For your Custom Code the ADB business process needs to be executed outside the SAP S/4HANA system, results may then be imported/posted manually or via a standard G/L Journal Entry interface as per Note 2226071
S4TWL - Functionality Average Daily Balance-based Distribution (SI9: Public Sector_PSM-FA)	Data correction	During conversion project	Mandatory	To distribute the remaining average daily balances amounts based on prior to using S/4HANA, run the report RFFMS_ADB_INTERESTS_POST.
S4TWL - Functionality Average Daily Balance-based Distribution (SI9: Public Sector_PSM-FA)	Process Design / Blueprint	Before conversion project	Conditional	If you are still using the ADB functionality, you need to establish distribution-relevant information from the leading ledger, calculate the distribution and enter a journal voucher to distribute the amounts

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Functionality Average Daily Balance-based Distribution (SI9: Public Sector_PSM-FA)	User Training	During or after conversion project	Mandatory	
S4TWL - GENERAL LEDGER (SI1_FIN_GL)	Business Decision	Before conversion project	Optional	
S4TWL - GENERAL LEDGER (SI1_FIN_GL)	Custom Code Adaption	During conversion project	Mandatory	
S4TWL - GENERAL LEDGER (SI1_FIN_GL)	Customizing / Configuration	During conversion project	Mandatory	
S4TWL - GENERAL LEDGER (SI1_FIN_GL)	Customizing / Configuration	During conversion project	Mandatory	
S4TWL - GENERAL LEDGER (SI1_FIN_GL)	Data cleanup / archiving	During conversion project	Mandatory	
S4TWL - GENERAL LEDGER (SI1_FIN_GL)	Data correction	During conversion project	Mandatory	
S4TWL - GENERAL LEDGER (SI1_FIN_GL)	Data migration	During conversion project	Mandatory	
S4TWL - GENERAL LEDGER (SI1_FIN_GL)	Fiori Implementation	During conversion project	Optional	
S4TWL - GENERAL LEDGER (SI1_FIN_GL)	Implementation project required	Before conversion project	Optional	
S4TWL - GENERAL LEDGER (SI1_FIN_GL)	Process Design / Blueprint	Before conversion project	Optional	
S4TWL - GENERAL LEDGER (SI1_FIN_GL)	Process Design / Blueprint	During conversion project	Mandatory	

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - GENERAL LEDGER (SI1_FIN_GL)	User Training	During conversion project	Mandatory	
S4TWL - Generic Check for SAP S/4HANA Conversion and Upgrade (SI22: GENERIC_CHECKS)	Custom Code Adaption	Before or during conversion project	Mandatory	This simplification Item serves as an anchor for assigning custom code check related content, which is not related to any specific functional or technical area (e.g. deletion of unused orphaned objects).
S4TWL - Generic Check for SAP S/4HANA Conversion and Upgrade (SI22: GENERIC_CHECKS)	Miscellaneous	Before or during conversion project	Mandatory	This simplification item provides various generic, technical checks which need to run before a conversion or upgrade in SAP S/4HANA and which affect all customers - irrespective of the specific SAP S/4HANA target release.
S4TWL - Globalization – Financials (SI1_GSFIN)	Custom Code Adaption	During conversion project	Mandatory	
S4TWL - Globalization – Financials (SI1_GSFIN)	Interface Adaption	During conversion project	Mandatory	
S4TWL - Globalization – Financials (SI1_GSFIN)	User Training	During conversion project	Mandatory	
S4TWL - Globalization – Logistics (SI1_GSLOG)	Custom Code Adaption	During conversion project	Optional	

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Globalization – Logistics (SI1_GSLOG)	Process Design / Blueprint	Before or during conversion project	Mandatory	SAP recommends using the following: •SAP Tax Declaration Framework for Fiscal and Accounting Legal Reporting. •TAXBRA tax procedure for the tax calculation. Note: SAP Tax Declaration Framework is part of the Compatible Add-ons and requires an additional license.
S4TWL - Globalization – Logistics (SI1_GSLOG)	User Training	During conversion project	Mandatory	
S4TWL - Goods movements without exclusive locking by material valuation (SI7: Logistics_MM-IM)	Business Decision	Before conversion project	Mandatory	
S4TWL - Goods movements without exclusive locking by material valuation (SI7: Logistics_MM-IM)	Customizing / Configuration	During conversion project	Conditional	Set up locking method
S4TWL - Graphical display of available quantity in MRP evaluations (SI39: Logisticis_PP)	Fiori Implementation	Before or after conversion project	Optional	Encourage users to switch to the Monitor or Check Material Coverage apps to use the graphical evaluations.
S4TWL - Graphical display of available quantity in MRP evaluations (SI39: Logisticis_PP)	User Training	Before conversion project	Optional	Graphical evaluation of the Stock/Requirements list is still available within the apps Monitor or Check Material Coverage. Encourage users to switch to these new apps for graphical evaluations.
S4TWL - ITS services in QM (SI_2_Logistics_QM)	Custom Code Adaption	During conversion project	Mandatory	

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - ITS services in QM (SI_2_Logistics_QM)	Customizing / Configuration	During conversion project	Conditional	In case WebDynpro applications will be used as replacement, then PFCG role for NWBC Quality Inspector (SAP_SR_QUALITY_IN SPECT_5) need to be configured, and respective authorizations
S4TWL - ITS services in QM (SI_2_Logistics_QM)	Technical System Configuration	During conversion project	Mandatory	ITS services in QM - Internet Application Components (IAC) in QM are not available within SAP S/4HANA, As alternatives, you could use the corresponding QM transactions in SAP GUI for HTML or you could use the WebDynpro applications mentioned below, which are part of the PFCG role for NWBC Quality Inspector (SAP_SR_QUALITY_IN SPECT_5).
S4TWL - ITS services in QM (SI_2_Logistics_QM)	User Training	During conversion project	Mandatory	
S4TWL - Industrial Hygiene and EC interfaces (SI1: Logistics_E HS - IH and EC)	Custom Code Adaption	During conversion project	Mandatory	
S4TWL - Industrial Hygiene and EC interfaces (SI1: Logistics_E HS - IH and EC)	Customizing / Configuration	During conversion project	Conditional	Industrial Hygiene and Safety (EHS-IHS) is replaced by the new incident management solution and health and safety management solution of Environment, Health, and Safety as part of SAP S/4HANA.
S4TWL - Industrial Hygiene and EC interfaces (SI1: Logistics_E HS - IH and EC)	Data migration	During conversion project	Mandatory	

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Industrial Hygiene and EC interfaces (SI1: Logistics_E HS - IH and EC)	Interface Adaption	During conversion project	Conditional	Adapt the interface to the new solution.
S4TWL - Industrial Hygiene and EC interfaces (SI1: Logistics_E HS - IH and EC)	New developments	During conversion project	Optional	
S4TWL - Industrial Hygiene and EC interfaces (SI1: Logistics_E HS - IH and EC)	Process Design / Blueprint	Before conversion project	Mandatory	Industrial Hygiene and Safety (EHS-IHS) is replaced by the new incident management solution and health and safety management solution of Environment, Health, and Safety as part of SAP S/4HANA
S4TWL - Industrial Hygiene and EC interfaces (SI1: Logistics_E HS - IH and EC)	User Training	During conversion project	Optional	
S4TWL - JOB SCHEDULING (SI8:CROSS_BC_CCM-BTC)	Business Operations	During conversion project	Mandatory	Execute report BTCTRS2 of SNOTE 2499529
S4TWL - JOB SCHEDULING (SI8:CROSS_BC_CCM-BTC)	Software Upgrade / Maintenance	During conversion project	Optional	Implement SAP Notes to prevent automatic execution of new job scheduling.
S4TWL - JOB SCHEDULING (SI8:CROSS_BC_CCM-BTC)	Software Upgrade / Maintenance	During conversion project	Optional	Implement SAP Notes to prevent automatic execution of new job scheduling.
S4TWL - JOB SCHEDULING (SI8:CROSS_BC_CCM-BTC)	Technical System Configuration	During conversion project	Optional	Decide if new job scheduling shall be used and adjust parameterization



Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - LEGACY SYSTEM MIGRATION WORKBENCH (SI9: CT_LSMW)	Business Decision	Before conversion project	Optional	The use of LSMW is restricted for migrations to SAP S/4HANA. The use of LSMW for data load to SAP S/4HANA is not recommended and at the customer's own risk. SAP recommends using SAP S/4HANA Migration Cockpit and Migration Object Modeler instead of LSMW.
S4TWL - LEGACY SYSTEM MIGRATION WORKBENCH (SI9: CT_LSMW)	Interface Adaption	During conversion project	Conditional	If you still plan to use LSMW, provide customer specific adjustments or workarounds for restrictions on certain Batch Input or Direct Input programs.
S4TWL - MDM Catalog (SI7: PROC_MDM )	Custom Code Adaption	During or after conversion project	Optional	
S4TWL - MDM Catalog (SI7: PROC_MDM )	Customizing / Configuration	Before or after conversion project	Mandatory	SAP S/4HANA Self-Service Procurement must be used instead of the SAP SRM MDM catalog.
S4TWL - MDM Catalog (SI7: PROC_MDM )	Data migration	During or after conversion project	Conditional	Set up a business user for SAP S/4HANA Self-Service Procurement.
S4TWL - MDM Catalog (SI7: PROC_MDM )	Interface Adaption	Before or after conversion project	Conditional	Content needs to be imported into S/4HANA via OCI5
S4TWL - MDM Catalog (SI7: PROC_MDM )	Process Design / Blueprint	Before conversion project	Mandatory	The SAP SRM catalog MDM is not available in SAP S/4HANA. It's replaced by the catalog search function as part of SAP S/4HANA Self-Service Procurement.
S4TWL - MDM Catalog (SI7: PROC_MDM )	User Training	After conversion project	Optional	

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWT - Material Ledger Obligatory for Material Valuation (SI3: Logistics_MM-IM)	Business Operations	During conversion project	Mandatory	
S4TWT - Material Ledger Obligatory for Material Valuation (SI3: Logistics_MM-IM)	Custom Code Adaption	During conversion project	Mandatory	
S4TWT - Material Ledger Obligatory for Material Valuation (SI3: Logistics_MM-IM)	Data correction	During conversion project	Mandatory	
S4TWT - Material Ledger Obligatory for Material Valuation (SI3: Logistics_MM-IM)	Data migration	During conversion project	Mandatory	
S4TWT - Material Ledger Obligatory for Material Valuation (SI3: Logistics_MM-IM)	User Training	During or after conversion project	Optional	
S4TWT - Material Number Field Length Extension (SI4: MasterData_PM)	Custom Code Adaption	During conversion project	Mandatory	Custom Code related information See SAP Note: 2215424, 2215852

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Material Number Field Length Extension (SI4: MasterData_PM)	Data migration	During conversion project	Conditional	The Long Material Number within the DIMP Add-On (Discrete Industries & Mill Products) Although the industry solution DIMP is part of SAP S/4HANA, the already existing DIMP LAMA-functionality for a long material number (LAMA) will not be part of SAP S/4HANA. In S/4HANA the material number is natively extended to 40 characters. Special conversion steps are needed to migrate the existing DIMP LAMA solution to the new S/4HANA extended material number. For further information on the conversion of the DIMP LAMA-functionality and the DIMP Manufacturer Parts Number to S/4HANA please check notes 2270396 and 2270836.
S4TWL - Material Number Field Length Extension (SI4: MasterData_PM)	Data migration	During conversion project	Mandatory	ALE change pointer entries related to master data distribution (see SAP Help: LINK) have to be processed completely before the conversion to SAP S/4HANA. Changes recorded before the conversion will no longer be available compatibly after the conversion to SAP S/4HANA.

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Material Number Field Length Extension (S14: MasterData_PM)	Miscellaneous	Before conversion project	Optional	Conversion Pre-Checks related to Material Number Field Length Extension It's recommended to execute conversion pre-check (for details see SAP Note: 2216958). For the conversion of selection variants see SAP Note 1696821 for details. Note that code adaptations will be needed even if you decide not to activate the extended material number functionality and stay with 18 characters
S4TWL - Material Number Field Length Extension (S14: MasterData_PM)	Process Design / Blueprint	Before or during conversion project	Mandatory	The default setting, both after the conversion to SAP S/4HANA and for new installations, is that the extended material number functionality is NOT activated. To use a material number with 40 characters, you need to activate this functionality as described in SAP note 2267140 .
S4TWL - Material Number Field Length Extension (S14: MasterData_PM)	User Training	During conversion project	Optional	Use of new Material Number Field Length
S4TWL - Material Type SERV (S18:MasterData_PM)	Business Decision	Any time	Optional	Material type "SERV" for services is introduced for Product Master in SAP S/4HANA for simplification purposes. When you use material type SERV, some fields and departments that are irrelevant in SAP S/4HANA are hidden from the screen. This gives all transactions relevant for material master, a leaner and simplified look.

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Material Type SERV (SI8:MasterData_PM)	User Training	Any time	Optional	
S4TWL - Material Valuation - Statistical moving average price (SI4: Logistics_MM-IM)	Business Decision	Before or during conversion project	Optional	Decide to deactivate statistical moving average price. It is optional in SAP S/4HANA if you convert from SAP ERP, however, it is recommended to achieve a significant increase of transactional data throughput for goods movements. It is important to note that the deactivation is not reversible.
S4TWL - Material Valuation - Statistical moving average price (SI4: Logistics_MM-IM)	Custom Code Adaption	During conversion project	Conditional	If you decide to deactivate statistical moving average price, adjust your own coding respectively.
S4TWL - Material Valuation - Statistical moving average price (SI4: Logistics_MM-IM)	Customizing / Configuration	During conversion project	Conditional	The report SAPRCKM_NO_EXCLUSIVELY_LOCKING can be used to deactivate the statistical moving average price.
S4TWL - New Customizing for Exchange Rate Difference Handling (SI21: PROC_MM_IV_ERD)	Custom Code Adaption	During conversion project	Mandatory	
S4TWL - New Default Security Settings for SAP S/4HANA (SI27: CT_SECURE_BY_DEFAULT)	Business Operations	During or after conversion project	Conditional	After the conversion or upgrade, check if you need to configure log retention for the different logs (e.g. SAP S/4HANA Security Audit Log, SAP S/4HANA Table Logging, SAP HANA Audit Log) to control the size of the different logs.

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - New Default Security Settings for SAP S/4HANA (SI27: CT_SECURE_BY_DEFAULT)	Customizing / Configuration	During conversion project	Conditional	In case you accept the new security settings to be applied during conversion, check if you need to extend roles with additional authorizations for calling specific function modules (only from SAP S/4HANA 2020 onwards) and for calling WebDynpro applications (only from SAP S/4HANA 2021 onwards).
S4TWL - New Default Security Settings for SAP S/4HANA (SI27: CT_SECURE_BY_DEFAULT)	Technical System Configuration	During conversion project	Mandatory	Decide if you want to take over the new security settings during conversion or if you want to opt out (not recommended).
S4TWL - New Default Security Settings for SAP S/4HANA (SI27: CT_SECURE_BY_DEFAULT)	User Training	During conversion project	Conditional	In case you accept the new security settings to be applied during conversion, educate your administrators on the changes.
S4TWL - New advanced ATP in SAP S/4HANA – Table VBBS (SI1: Logistics_ATP)	Custom Code Adaption	During conversion project	Mandatory	If you have custom code calling table VBBS, create a db view on table VBBS, and use that view instead of the table VBBS. SAP Note: 2209696
S4TWL - New advanced ATP in SAP S/4HANA – Table VBBS (SI1: Logistics_ATP)	Data migration	During conversion project	Mandatory	Manual step only for SAP S/4HANA 1511 and SAP S/4HANA 1610, For SAP S/4HANA 1709 and newer, the necessary actions are automated and executed in SUM phase using identifying name ATP_XPRA_SUITE_TO_S4_V2. SAP Note: 2209696
S4TWL - OUTPUT MANAGEMENT (SI4: CT_OM)	Business Decision	Before conversion project	Optional	Decide if new output management or NAST-based output shall be used.

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - OUTPUT MANAGEMENT (SI4: CT_OM)	Custom Code Adaption	During conversion project	Conditional	Replace custom code for previous NAST based output management
S4TWL - OUTPUT MANAGEMENT (SI4: CT_OM)	Customizing / Configuration	During conversion project	Conditional	Configure new output management.
S4TWL - OUTPUT MANAGEMENT (SI4: CT_OM)	Landscape Redesign	After conversion project	Conditional	If new output management is used, setup required technical infrastructure
S4TWL - OUTPUT MANAGEMENT (SI4: CT_OM)	Process Design / Blueprint	During or after conversion project	Conditional	Additionally to the existing output management based on NAST a new Output Management solution is adopted S/4 HANA-wide. Thereby a unified solution can be used for all Output Management activities. The existing Output Management solution however still can be activated.
S4TWL - OUTPUT MANAGEMENT (SI4: CT_OM)	Technical System Configuration	After conversion project	Conditional	Configure technical infrastructure for new output management
S4TWL - OUTPUT MANAGEMENT (SI4: CT_OM)	User Training	After conversion project	Optional	
S4TWL - Object List Number Field Length Extension (SI10: Logistics_PM)	Custom Code Adaption	During conversion project	Mandatory	If Objectlists are used in custom code it has to be ensured that new field length can be processed
S4TWL - Occupational Health (SI2: Logistics_EHS - Occupational Health)	Business Decision	Before conversion project	Mandatory	Decide if you want to continue using your existing Occupational Health functionality or to remove it. If you want to continue using Occupational Health functionality minimum target release must be SAP S/4HANA 1709.

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Occupational Health (SI2: Logistics_EHS - Occupational Health)	Custom Code Adaption	During conversion project	Mandatory	
S4TWL - Output Management Adoption in Purchase Order (SI9: PROC_MM_OUTPUT)	Business Decision	Before conversion project	Mandatory	Additionally to the existing output management based on NAST a new Output Management solution is adopted S/4 HANA-wide. Thereby a unified solution can be used for all Output Management activities. The existing Output Management solution however still can be activated.
S4TWL - Output Management Adoption in Purchase Order (SI9: PROC_MM_OUTPUT)	Custom Code Adaption	During conversion project	Conditional	Replace custom code for previous NAST-based output management.
S4TWL - Output Management Adoption in Purchase Order (SI9: PROC_MM_OUTPUT)	Customizing / Configuration	During conversion project	Conditional	Configure new output management.
S4TWL - Output Management Adoption in Purchase Order (SI9: PROC_MM_OUTPUT)	Landscape Redesign	After conversion project	Conditional	If new output management is used, setup required technical infrastructure
S4TWL - Output Management Adoption in Purchase Order (SI9: PROC_MM_OUTPUT)	Process Design / Blueprint	During or after conversion project	Conditional	Additionally to the existing output management based on NAST a new Output Management solution is adopted S/4 HANA-wide. Thereby a unified solution can be used for all Output Management activities. The existing Output Management solution however still can be activated.



Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Output Management Adoption in Purchase Order (SI9: PROC_MM_OUTPUT)	Technical System Configuration	After conversion project	Conditional	Configure technical infrastructure for new output management
S4TWL - Output Management Adoption in Purchase Order (SI9: PROC_MM_OUTPUT)	User Training	After conversion project	Optional	
S4TWL - PROFIT AND LOSS PLANNING AND PROFIT CENTER PLANNING (SI2_FIN_CO)	Business Decision	Before or during conversion project	Optional	Decide on planning platform - old planning functionalities or SAP BPC for S/4HANA Finance
S4TWL - PROFIT AND LOSS PLANNING AND PROFIT CENTER PLANNING (SI2_FIN_CO)	Customizing / Configuration	During conversion project	Conditional	If going forward ERP planning functions still used, restore previous transactions if necessary
S4TWL - PROFIT AND LOSS PLANNING AND PROFIT CENTER PLANNING (SI2_FIN_CO)	Customizing / Configuration	During or after conversion project	Conditional	If SAP BPC for S/4HANA Finance is used configure SAP BPC for S/4HANA Finance
S4TWL - PROFIT AND LOSS PLANNING AND PROFIT CENTER PLANNING (SI2_FIN_CO)	Interface Adaption	During or after conversion project	Conditional	If SAP BPC for S/4HANA Finance is used set up and adjust interfaces for SAP BPC for S/4HANA Finance
S4TWL - PROFIT AND LOSS PLANNING AND PROFIT CENTER PLANNING (SI2_FIN_CO)	Landscape Redesign	During or after conversion project	Conditional	If SAP BPC for S/4HANA Finance is used setup required front end components

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - PROFIT AND LOSS PLANNING AND PROFIT CENTER PLANNING (SI2_FIN_CO)	New developments	During or after conversion project	Conditional	If going forward SAP BPC for S/4HANA Finance is used develop enhancements
S4TWL - PROFIT AND LOSS PLANNING AND PROFIT CENTER PLANNING (SI2_FIN_CO)	Process Design / Blueprint	During or after conversion project	Conditional	If SAP BPC for S/4HANA Finance is used design SAP BPC for S/4HANA Finance
S4TWL - PROFIT AND LOSS PLANNING AND PROFIT CENTER PLANNING (SI2_FIN_CO)	User Training	During or after conversion project	Conditional	If going forward SAP BPC for S/4HANA Finance is used train users on SAP BPC for S/4HANA Finance
S4TWL - Plan data is not migrated to SAP S/4HANA (SI3_FIN_Genera l)	Customizing / Configuration	During or after conversion project	Optional	Reactivate G/L planning as described in SAP note 2474067.
S4TWL - Plan data is not migrated to SAP S/4HANA (SI3_FIN_Genera l)	Technical System Configuration	During or after conversion project	Optional	Implement prerequisite notes.
S4TWL - Planning File (SI12: Logistics_PP)	Custom Code Adaption	During conversion project	Conditional	If exist, related custom code has to be adjusted. See SAP Note 2227059

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Planning File (SI12: Logistics_PP)	Data migration	During conversion project	Mandatory	After the system conversion, you should run report PPH_SETUP_MRPREC ORDS to populate the new planning file table with operative MRP records (PP-MRP) and the report PPH_SETUP_MRPREC ORDS_SIMU for simulative MRP records (PP-MP-LTP). Alternatively, you can also use the conversion reports PPH_CONVERT_MRPRECORDS and PPH_CONVERT_MRPRECORDS_SIMU.
S4TWL - Planning Horizon (SI35: Logistics_PP)	Custom Code Adaption	During conversion project	Conditional	Customers can build their own planning application using the BAPI BAPI_MATERIAL_PLANNING. The BAPI has got the same planning parameter options as the classical planning transactions. In that context the processing key NETPL cannot be used any more.
S4TWL - Planning Horizon (SI35: Logistics_PP)	Data cleanup / archiving	During conversion project	Mandatory	If there are still variants for the planning run batch Transactions having the processing key filled with NETPL, these variants have to be deleted.
S4TWL - Pricing Data Model Simplification (SI8: PROC_MM_PRICING)	Custom Code Adaption	During conversion project	Mandatory	
S4TWL - Pricing Data Model Simplification (SI8: PROC_MM_PRICING)	Data migration	After conversion project	Mandatory	

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Pricing Data Model Simplification (SI8: PROC_MM_PRICING)	Technical System Configuration	During conversion project	Mandatory	
S4TWL - Profit Center and Segment Reorganisation (SI10_FIN_GL)	Data migration	Before or after conversion project	Conditional	In case you need to do a profit center or segment reorganization, before the planned "Organizational flexibility in financial accounting" solution is available, please contact FI-GL-REO.
S4TWL - Profitability Analysis (SI9: FIN_CO)	Business Decision	Before conversion project	Optional	
S4TWL - Profitability Analysis (SI9: FIN_CO)	Customizing / Configuration	During conversion project	Mandatory	
S4TWL - Profitability Analysis (SI9: FIN_CO)	Implementation project required	Before conversion project	Optional	
S4TWL - Profitability Analysis (SI9: FIN_CO)	User Training	During or after conversion project	Optional	
S4TWL - Profitability Segment Number Change of Type (SI15: FIN_CO)	Custom Code Adaption	Before conversion project	Conditional	Adapt usages of PAOBJR found by ATC as described in SAP note <note number>-
S4TWL - Project System ITS Services (SI17 Logistics_PS)	Process Design / Blueprint	Before or during conversion project	Mandatory	Selected ITS services for document search, confirmations and creation of claims are not available as of SAP S/4HANA
S4TWL - Project System ITS Services (SI17 Logistics_PS)	User Training	During conversion project	Optional	

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - REPLACED TRANSACTION CODES AND PROGRAMS IN FIN (SI2_FIN_Genera l)	Custom Code Adaption	During conversion project	Mandatory	Adjust or replace custom code refering to obsolete transactions
S4TWL - REPLACED TRANSACTION CODES AND PROGRAMS IN FIN (SI2_FIN_Genera l)	Customizing / Configuration	During conversion project	Optional	For certain replacements conifguratio ns need to be done
S4TWL - REPLACED TRANSACTION CODES AND PROGRAMS IN FIN (SI2_FIN_Genera l)	User Training	During conversion project	Mandatory	
S4TWL - RFQ Simplified Transaction (SI18: PROC_RFQ Simplified Transaction)	Business Decision	Before conversion project	Mandatory	Reconsider the UI Strategy
S4TWL - RFQ Simplified Transaction (SI18: PROC_RFQ Simplified Transaction)	Custom Code Adaption	After conversion project	Conditional	
S4TWL - RFQ Simplified Transaction (SI18: PROC_RFQ Simplified Transaction)	Fiori Implementation	After conversion project	Conditional	
S4TWL - RFQ Simplified Transaction (SI18: PROC_RFQ Simplified Transaction)	Interface Adaption	After conversion project	Conditional	

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - RFQ Simplified Transaction (SI18: PROC_RFQ Simplified Transaction)	User Training	Before or after conversion project	Optional	
S4TWL - Removal of Add-On CTS_PLUG (SI24: CT_CTS_PLUG)	Technical System Configuration	During conversion project	Mandatory	Uninstall the CTS_PLUG Add-on before the conversion.
S4TWL - Removal of D/C Indicator from Editing Options (SI9_FIN_GL)	User Training	During conversion project	Mandatory	Educate your users about this change in UI behaviour.
S4TWL - Removal of Gender Domain Fixed Values (SI27: MasterData_BP)	Business Process Redesign	During conversion project	Mandatory	Ensure that your business processes (also in connected systems) are prepared to handle the new gender codes properly.
S4TWL - Removal of Gender Domain Fixed Values (SI27: MasterData_BP)	Custom Code Adaption	During conversion project	Mandatory	Usages of fixed values of domains AD_SEX, BU_SEXID and SEXKZ needs to be replaced with values from check tables TSAD15 and TB995. Refer to SAP Note 2928897 for details.
S4TWL - Replacement of legal reports with SAP S/4HANA ACR (SI5: GSFIN_LEG_REP)	Fiori Implementation	During conversion project	Mandatory	Implement the generic ACR Fiori app succeeding the deprecated legal reports. Details see note 2480067.
S4TWL - Reporting/Analytics in Controlling (SI8: FIN_CO)	Business Decision	Before or during conversion project	Mandatory	Decision on the relevant Fiori apps to be used for reporting and planning using embedded BPC or to reactivate old transactions
S4TWL - Reporting/Analytics in Controlling (SI8: FIN_CO)	Custom Code Adaption	During or after conversion project	Mandatory	

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWT - Reporting/Analytics in Controlling (SI8: FIN_CO)	Customizing / Configuration	Before or during conversion project	Mandatory	
S4TWT - Reporting/Analytics in Controlling (SI8: FIN_CO)	Customizing / Configuration	During conversion project	Conditional	If you want to reactivate, act according to steps mentioned in this simplification item
S4TWT - Reporting/Analytics in Controlling (SI8: FIN_CO)	Fiori Implementation	During conversion project	Conditional	In case you want use Fiori tiles => choose them and configure them
S4TWT - Reporting/Analytics in Controlling (SI8: FIN_CO)	User Training	During conversion project	Conditional	
S4TWT - Retail Information System (SI33: Logistics_General)	Custom Code Adaption	During conversion project	Optional	Custom Code adjustments will be required in case ABAP objects of packets WRB or WRBA are used in custom code.
S4TWT - Retail Information System (SI33: Logistics_General)	Process Design / Blueprint	Before or during conversion project	Mandatory	Blueprint for covering reporting requirements using CDS views or SAP BW for reporting requirements that were being fulfilled by RIS functionality.
S4TWT - Retail Information System (SI33: Logistics_General)	User Training	During conversion project	Mandatory	Provide user training for the reports based on CDS views or SAP BW instead of RIS.
S4TWT - SAP Graphics in EAM Transactions (SI9: Logistics_PM)	Business Decision	Before or during conversion project	Conditional	The graphical output in Enterprise Asset Management transactions using SAP Business Graphics, e.g. in transaction IP19, is not available in SAP S/4HANA. If you are using this graphic output today, you can consider to use the tabular display options.
S4TWT - SAP Graphics in EAM Transactions (SI9: Logistics_PM)	User Training	During conversion project	Conditional	Use the tabular display options instead of graphic output.

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - SAP HANA LIVE REPORTING (SI4_FIN_GL)	Custom Code Adaption	During conversion project	Mandatory	If the customer copied calc views delivered by SAP or created user-defined calc views, check and remove if required
S4TWL - SAP HANA LIVE REPORTING (SI4_FIN_GL)	New developments	During conversion project	Mandatory	rebuild all existing reporting scenarios with CDS Views
S4TWL - SD Simplified Data Models (SI1: SD_GENERAL)	Custom Code Adaption	During conversion project	Mandatory	
S4TWL - Side Panel functionality in SAP S/4HANA (on-premise) (SI14: CT_SIDE_PANELS)	Fiori Implementation	During or after conversion project	Optional	if obsolete side-panel CHIPS were used, consider Fiori apps as replacement
S4TWL - Side Panel functionality in SAP S/4HANA (on-premise) (SI14: CT_SIDE_PANELS)	User Training	During or after conversion project	Optional	train users on new Fiori apps
S4TWL - Simplification of copy/reference handling (SI5: MasterData_PM)	Custom Code Adaption	During conversion project	Mandatory	
S4TWL - Simplification of copy/reference handling (SI5: MasterData_PM)	Data migration	During conversion project	Mandatory	
S4TWL - Simplified Product Master Tables Related to OMSR Transaction (SI3: MasterData_PM)	Customizing / Configuration	During conversion project	Conditional	Configuration necessary, if field selection settings within SAP name space exists



Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Simplified Sourcing (SI7: Logistics_PP)	Custom Code Adaption	During conversion project	Conditional	SAP Note: 2226333 If you implemented BADI MD_MODIFY_SOURCE in SAP ERP, you should check if the intended functionality still works. Also check the changes related to the Simplification Item 2.1.11.11MRP in HANA.
S4TWL - Simplified Sourcing (SI7: Logistics_PP)	Data migration	During conversion project	Mandatory	Actions required for manufactured materials: Check if production versions exist for those BOMs and routings that should be considered by MRP. Report CS_BOM_PRODVER_MIGRATION02 can be used to analyze the situation as well as to create proposals for production versions based on BOM validities. Run the report and accept or reject the proposed production versions. SAP Note 2655077 contains report CS_BOM_PRODVER_MIGRATION02.
S4TWL - Simplified Sourcing (SI7: Logistics_PP)	Data migration	During conversion project	Mandatory	Actions required for externally procured materials, analyse your source list entries No action is required if source list entries refer to contracts and delivery schedules. S/4HANA sourcing finds contracts and delivery schedules without source list entries. Activate the automatic sourcing indicator in the corresponding purchasing info record if the source list entry only refers to a supplier and if the supplier shall be selectable by MRP

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Simplified Sourcing (SI7: Logistics_PP)	User Training	During conversion project	Optional	Use new simplified sourcing
S4TWL - Specific fields on Business Partner (SI4: Public Sector_PSM-FG - BP)	Custom Code Adaption	During conversion project	Conditional	Change your Custom code to create or change customer or vendor master data so that the business partner is created or maintained instead. The alignment with customer/vendor master data tables is the executed automatically as part of the CVI feature. You can find the details in SAP Note 2226131
S4TWL - Specific fields on Business Partner (SI4: Public Sector_PSM-FG - BP)	Process Design / Blueprint	Before conversion project	Mandatory	In SAP S/4 HANA the management of customer and vendor master data is only possible via the Business Partner functionality
S4TWL - Specific fields on Business Partner (SI4: Public Sector_PSM-FG - BP)	User Training	During or after conversion project	Mandatory	Use the Business Partner transaction 'BP' to create, change, or display customer or vendor data.
S4TWL - Specification Workbench Adjustments (SI14: Logistics_PSS)	User Training	Before or during conversion project	Optional	
S4TWL - Summarization Hierarchies in Controlling (SI11: FIN_CO)	User Training	During conversion project	Mandatory	
S4TWL - Supplier Invoice New Archiving (SI20: PROC_MM_IV_ILM)	Business Decision	Before conversion project	Mandatory	Supplier Invoice Archiving does not fully support ILM Integration (with upgrade to 1809 ILM Integration is fully supported)

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Supplier Invoice New Archiving (SI20: PROC_MM_IV_ILM)	Custom Code Adaption	During conversion project	Mandatory	Implement new BADIs as indicated in SAP Note 2578291.
S4TWL - Supplier Invoice New Archiving (SI20: PROC_MM_IV_ILM)	Process Design / Blueprint	Before or during conversion project	Mandatory	Adapt the process due to changes in functionality
S4TWL - TECHNICAL CHANGES IN CONTROLLING (SI1: FIN_CO)	Custom Code Adaption	During or after conversion project	Mandatory	
S4TWL - Variant Configuration (SI13: Logistics - PLM)	Custom Code Adaption	During conversion project	Mandatory	Any customer code creating 'Actions' and 'Classification as Selection Condition' must be adapted.
S4TWL - Variant Configuration (SI13: Logistics - PLM)	Data migration	Any time	Optional	New 'Actions' and 'Classification as Selection Condition' can not be created, existing one can still work, but should be corrected using other variant configuration means.
S4TWL - Webdynpro Applications for Purchase Requisition Transfer from ERP to SRM (SI19: PROC_CPPR_SPPR)	User Training	During or after conversion project	Optional	
S4TWL - Webshops by Internet Sales or Web Channel Experience Management (SI11: SD_IS)	Business Decision	Before conversion project	Mandatory	The functionalities SAP Internet Sales, SAP E-Commerce, SAP Web Channel, and SAP Web Channel Experience Management in SD are not supported in SAP S/4HANA and have been replaced by SAP Commerce in SAP S/4HANA 1610.

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Webshops by Internet Sales or Web Channel Experience Management (SI11: SD_IS)	Custom Code Adaption	Before or during conversion project	Conditional	Remove the usages of SAP objects in customer objects for which the custom code check refers to note 2225107 as they will not work anymore
S4TWL - Webshops by Internet Sales or Web Channel Experience Management (SI11: SD_IS)	Process Design / Blueprint	Before or during conversion project	Mandatory	See SAP Note 2271161 for the list of unavailable transactions and functionalities. Replacement functionality is SAP Commerce in SAP S/4HANA 1610.
S4TWL - Webshops by Internet Sales or Web Channel Experience Management (SI11: SD_IS)	User Training	Before or during conversion project	Mandatory	
S4TWL - cDesk (SI6: Logistics_PLM)	Implementation project required	Before or during conversion project	Mandatory	Customers can move to SAP Engineering Control Center for SAP S/4HANA. For more information on upgrading from CAD Desktop to SAP Engineering Control Center, see SAP Note 2117843 or SAP SCN Wiki (URL: <a href="https://wiki.scn.sap.com/wiki/x/gQrXHQ">https://wiki.scn.sap.com/wiki/x/gQrXHQ</a> ).
S4TWL - cDesk (SI6: Logistics_PLM)	User Training	Before or during conversion project	Mandatory	
S4TWL - Miscellaneous minor functionalities in SD Area (SI16: SD_Miscellaneous minor deprecations in SD Area)	Custom Code Adaption	During conversion project	Mandatory	

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Miscellaneous minor functionalities in SD Area (SI16: SD_Miscellaneous minor deprecations in SD Area)	Interface Adaption	During conversion project	Mandatory	
S4TWL - Miscellaneous minor functionalities in SD Area (SI16: SD_Miscellaneous minor deprecations in SD Area)	User Training	During conversion project	Optional	
S4TWL – Deprecation of 4 fields from FSBP table BP1010 (SI14: FIN_MISC_FSBP_BP1010)	Customizing / Configuration	Before or during conversion project	Optional	
S4TWL – Deprecation of 4 fields from FSBP table BP1010 (SI14: FIN_MISC_FSBP_BP1010)	Data migration	Before conversion project	Mandatory	
S4TWL – Flexible Benefits not supported in ESS technologies (SI31: Flex_Benefits_not_supported_in_ESS)	Business Decision	Before conversion project	Mandatory	Check usage and plan for a customer specific alternative solution, if required.
S4TWL – HCM Obsolete Packages (SI19: HR_Obsolete_Packages)	Business Decision	Any time	Mandatory	Decide on and plan for the migration to SAP HCM for SAP S/4HANA, considering the functional implications described in the Business Impact Note of this Simplification Item.

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL – Migration from account solution to ledger solution (S14_FIN_Genera l)	Business Decision	Before conversion project	Mandatory	Decide about future parallel accounting strategy.

**If you would like to have the sort and filter possibility on the activities or see additional attributes, use the activity excel generated together with the word document.**

LINK TO THE LIST OF ACTIVITIES OF RELEVANT SIMPLIFICATION ITEMS

[https://me.sap.com/readinesscheck/Analysis\('6016521'\)/Activity](https://me.sap.com/readinesscheck/Analysis('6016521')/Activity)

## 3.2 Effort Drivers of Simplification Items

Simplification items that are identified as relevant for your transition project require various levels of effort to implement. In this context, effort drivers provide transparency on factors that will influence the effort of implementing simplification items. Effort drivers are based on previous SAP S/4HANA project experiences.

In this section, identified effort drivers that are related to a selected simplification item are listed in more detail. In addition, the required effort is shown either by comparing the value of the analyzed system to reference values or by indicating a decrease (in green font) or increase (in red font) of effort. Currently, effort drivers are only provided for simplification items that are categorized with the effort ranking category Potentially High.

Related Simplification Items	Effort Driver	Effort Driver Database Value	Effort Driver Reference Values
<a href="#">S4TWL - ASSET ACCOUNTING</a>	Number of Accounting Principles Each accounting principle needs to have one depreciation area that posts in real time.	2	Average
<a href="#">S4TWL - ASSET ACCOUNTING</a>	Number of ANLA Table Entries The number of assets in your SAP ERP system might have an impact on the effort that is required for the transition to SAP S/4HANA.	342316	Low

Related Simplification Items	Effort Driver	Effort Driver Database Value	Effort Driver Reference Values
<a href="#">S4TWL - ASSET ACCOUNTING</a>	<p>Asset Accounting (New or Classic)</p> <p>If the classic Asset Accounting is used in your SAP ERP system, you need to migrate to the new Asset Accounting in SAP S/4HANA. If the new Asset Accounting is already active in your SAP ERP system, adjustments in Customizing are still required.</p>	Classic	Negative/increase in Effort
<a href="#">S4TWL - ASSET ACCOUNTING</a>	<p>Number of Active Company Codes (Status 0, 1, or 2)</p> <p>The number of active company codes (status 0, 1, or 2) in your SAP ERP system that need to be migrated to the new Asset Accounting in SAP S/4HANA.</p>	43	Average
<a href="#">S4TWL - ASSET ACCOUNTING</a>	<p>Number of Company Codes with More Than One Open Fiscal Year</p> <p>Only one open fiscal year is allowed in the FI-AA application component. You can technically check this by comparing the T093B table (OAAQ transaction) and the T093C table (AJRW transaction). If the difference is higher than 1, you need to align your open fiscal years in Asset Accounting to a difference of one year.</p>	40	High

Related Simplification Items	Effort Driver	Effort Driver Database Value	Effort Driver Reference Values
<a href="#">S4TWL - ASSET ACCOUNTING</a>	<p>Number of Deactivated Company Codes (Status 3)</p> <p>Deactivated company codes with status "Company code deactivated – later reporting allowed" (status 3) either need to be archived or you need to manually migrate the chart of depreciation. Documents will be migrated to the universal journal. If both a deactivated company code (status 3) and an active company code (status 0, 1, or 2) are assigned to the same chart of depreciation, a check is required whether a different (new) chart of depreciation can be assigned to the deactivated company code(s). It is often difficult to migrate a chart of depreciation that contains a company code which might be deactivated for years.</p>	0	Low
<a href="#">S4TWL - ASSET ACCOUNTING</a>	<p>Number of Company Codes with Missing APC Runs</p> <p>For more than one open fiscal year in the FI-AA application component, you might need to post acquisition and production costs (APC) for the previous, open fiscal years to reduce the number of years in Asset Accounting to only one open fiscal year. This might affect balances that are already reported, because APC could find values and create FI postings for previous fiscal years that are already closed in the FI-GL application component.</p>	0	Low



Related Simplification Items	Effort Driver	Effort Driver Database Value	Effort Driver Reference Values
<a href="#">S4TWL - ASSET ACCOUNTING</a>	Number of Currencies Before activating the new Asset Accounting, each parallel currency that is defined in the FI-GL application component (OB22 transaction) needs to have a corresponding parallel depreciation area for each parallel currency in the FI-AA application component.	2	Average
<a href="#">S4TWL - ASSET ACCOUNTING</a>	Number of Charts of Depreciation Relevant charts of depreciation need to be migrated to SAP S/4HANA.	35	High
<a href="#">S4TWL - ASSET ACCOUNTING</a>	Activation of the EA-FIN Business Function (Yes or No) The Financials Extension (EA-FIN) business function needs to be activated. In the new Asset Accounting in SAP S/4HANA, a new depreciation engine is used in the depreciation calculation.	Yes	Positive/decrease in Effort

Related Simplification Items	Effort Driver	Effort Driver Database Value	Effort Driver Reference Values
<a href="#">S4TWL - ASSET ACCOUNTING</a>	<p>Number of Different Fiscal Year Variants</p> <p>Ledger groups must have fiscal year variants with the same start and end date for the depreciation areas. If you are using the ledger approach in the General Ledger Accounting (new) and the classic Asset Accounting, the following applies: In the general ledger, you use different fiscal year variants. This means that the ledger that maps a parallel valuation is assigned to a fiscal year variant that has a different start and end date, compared to the fiscal year variant that is assigned to the leading ledger with the leading valuation. If you use different fiscal year variants, follow the steps in SAP Note 2220152 ("Ledger approach and Asset Accounting (new): Alternative fiscal year variant for parallel valuation").</p>	2	Average
<a href="#">S4TWL - ASSET ACCOUNTING</a>	<p>General Ledger (New or Classic)</p> <p>The classic General Ledger is used in your SAP ERP system. The new General Ledger will be automatically activated with the technical upgrade to SAP S/4HANA.</p>	New	Positive/decrease in Effort

LINK TO THE LIST OF RELEVANT SIMPLIFICATION ITEMS

[https://me.sap.com/readinesscheck/Analysis\('6016521'\)/Simplification](https://me.sap.com/readinesscheck/Analysis('6016521')/Simplification)

## 4 Compatibility Scope Analysis

SAP's compatibility packages offer customers a limited usage right to run certain classic SAP ERP solutions on SAP S/4HANA, provided that customers have licensed the applicable solutions, as set forth in their license agreements.

All compatibility packages are listed in the Compatibility Scope Matrix, which can be found in the attachment of SAP Note [2269324](#). Each compatibility package on this list is represented by a unique identifier, the *Compatibility Scope ID*. The compatibility packages in this list cover functionality from SAP ERP core, line-of-business (LoB), or industry solutions. Furthermore, they comprise the complete or partial scope of the

related SAP Business Suite product. Please note that this list is static and release-independent; no new items will be added to the list.

The aim of a compatibility package is to allow business continuity with SAP S/4HANA: If a classic SAP Business Suite product is currently part of your business processes and the Compatibility Scope Matrix, you can use the compatible version of it in SAP S/4HANA.

Once the restricted use of the compatibility packages ends, you are no longer allowed to use the compatibility package solution. As a result, you will need to evaluate a migration to the designated alternative functionality as outlined in the Next Steps section. The effort for such a migration varies depending on the scope of the alternative solution.

If you decide to take no action to address the end of the restricted use of the compatibility packages, you may continue to use the standard SAP Business Suite products in a non-SAP S/4HANA environment according to the specific end-user license agreement. The expiration dates of the usage rights for all compatibility packages are listed in SAP Note [2269324](#), including the exceptional cases of Customer Service (CS), Transportation (LE-TRA), and Production Planning for Process Industries (PP-PI).

Overall, the following statistics related to Compatibility Packages were identified in your system:

#### GENERAL STATISTICS

Status	Number of Objects
Overall number of Simplification Items related to Compatibility Packages	13
Check performed, "non strategic" item is relevant. Check business impact note.	0
Relevance for "non strategic" item cannot be automatically determined. Check business impact note.	13
Number of Compatibility Packages with existing alternatives.	21
Number of Compatibility Packages with alternatives existing on the roadmap.	7
Number of Compatibility Packages with planned alternative.	0
Number of Compatibility Packages with no planned alternative.	1

To address these findings, please review the instructions below:

To identify compatibility packages that might be relevant for you, review the simplification items presented in the table. Each item in the list is related to certain compatibility scope IDs and is part of the SAP S/4HANA compatibility scope, which comes with limited usage rights.

Due to that, you need to migrate from the classic SAP ERP solution to its designated alternative functionality before the compatibility package license expires. In support of the next steps, the table provides the following information:

- The simplification item details from the SAP simplification item catalog can be viewed by selecting the simplification item title in the table.
- The associated business impact notes provided in the table offer further context to the simplification item and describe the recommended actions to take.
- The compatibility scope status offers information about which compatibility packages have an existing alternative.
- The side panel per table entry offers detailed information about the alternative solutions.

As the classic SAP ERP solution can still be used until the expiry date of the compatibility package license, it is a business decision to evaluate when and with which of the coming SAP S/4HANA releases you want to migrate to the alternative functionality. To plan accordingly for the migration efforts, we recommend you take this decision long before the compatibility package license expires. The respective business impact notes provide the following information to address this decision:

- The scope of the old compatibility package functionality
- The (expected) scope of the alternative functionality

- Any gaps or deltas between the old and the alternative functionality
- When the alternative functionality is planned to be available and how to close any remaining gaps to the old functionality, in case there is a staged delivery

Please note that simplification items related to compatibility packages are of the category “non-strategic function” and do not necessarily need to be addressed before or during an upgrade or conversion project. Whereas simplification items of other categories usually require immediate action, those belonging to this category can be addressed as part of a follow-up project, depending on the expiration date of the usage rights and technical dependencies on a specific product version.

If you choose to keep the original functionality for now and meet the licensing prerequisites defined in SAP Note [2269324](#), you can obtain rights to use the SAP S/4HANA compatible version of the product on your SAP S/4HANA installation with no additional license fee.

## 4.1 Relevant Non-Strategic Simplification Items

The following table lists simplification items related to Compatibility Packages that have been checked and are immediately relevant:

### RELEVANT SIMPLIFICATION ITEMS

Simplification item title	Compatibility Scope ID	Alternative - Feature Scope Description Entry	Status	Alternative	Business Impact Note
<a href="#">S4TWL - General HCM Approach within SAP S/4HANA</a>	101		Alternative Exists	SAP HCM for SAP S/4HANA	<a href="#">2273108</a>
<a href="#">S4TWL - General HCM Approach within SAP S/4HANA</a>	101		Alternative Exists	SAP Payroll Cloud, private edition	<a href="#">2273108</a>
<a href="#">S4TWL - General HCM Approach within SAP S/4HANA</a>	132		Alternative Exists	SAP SuccessFactors - Employee Central	<a href="#">2273108</a>
<a href="#">S4TWL - General HCM Approach within SAP S/4HANA</a>	132		Alternative Exists	SAP HCM for SAP S/4HANA	<a href="#">2273108</a>
<a href="#">S4TWL - SAP E-Recruiting</a>	134		Alternative Exists	SAP SuccessFactors - Learning	<a href="#">2383888</a>

Simplification item title	Compatibility Scope ID	Alternative - Feature Scope Description Entry	Status	Alternative	Business Impact Note
<a href="#">S4TWL - SAP E-Recruiting</a>	134		Alternative Exists	SAP HCM for SAP S/4HANA	<a href="#">2383888</a>
<a href="#">S4TWL - General HCM Approach within SAP S/4HANA</a>	137		Alternative Exists	SAP SuccessFactors - Employee Central	<a href="#">2273108</a>
<a href="#">S4TWL - General HCM Approach within SAP S/4HANA</a>	137		Alternative Exists	SAP HCM for SAP S/4HANA	<a href="#">2273108</a>
<a href="#">S4TWL - General HCM Approach within SAP S/4HANA</a>	138		Alternative Exists	SAP SuccessFactors - Employee Central	<a href="#">2273108</a>
<a href="#">S4TWL - General HCM Approach within SAP S/4HANA</a>	138		Alternative Exists	SAP HCM for SAP S/4HANA	<a href="#">2273108</a>
<a href="#">S4TWL - Customer Service</a>	402		Alternative Exists With Roadmap	SAP S/4HANA Service	<a href="#">2962632</a>
<a href="#">S4TWL - Customer Service</a>	403		Alternative Exists With Roadmap	SAP S/4HANA Service	<a href="#">2962632</a>
<a href="#">S4TWL - Customer Service</a>	404		Alternative Exists With Roadmap	SAP S/4HANA Service	<a href="#">2962632</a>
<a href="#">S4TWL - Customer Service</a>	405		Alternative Exists with Roadmap	SAP S/4HANA Service	<a href="#">2962632</a>
<a href="#">S4TWL - Customer Service</a>	406		Alternative Exists With Roadmap	SAP FSM (Field Service Management)	<a href="#">2962632</a>

Simplification item title	Compatibility Scope ID	Alternative - Feature Scope Description on Entry	Status	Alternative	Business Impact Note
<a href="#">S4TWL - Customer Service</a>	407		Alternative Exists with Roadmap	SAP S/4HANA Service	<a href="#">2962632</a>
<a href="#">S4TWL - Customer Service</a>	408		Alternative Exists With Roadmap	SAP S/4HANA Service	<a href="#">2962632</a>
<a href="#">S4TWL - Customer Service</a>	409		Alternative Exists with Roadmap	SAP S/4HANA Service	<a href="#">2962632</a>
<a href="#">S4TWL - Customer Service</a>	410		Alternative Exists with Roadmap	SAP S/4HANA Service	<a href="#">2962632</a>
<a href="#">S4TWL - Customer Service</a>	411		Alternative Exists with Roadmap	SAP S/4HANA Service	<a href="#">2962632</a>
<a href="#">S4TWL - Customer Service</a>	412		Alternative Exists with Roadmap	SAP S/4HANA Service	<a href="#">2962632</a>
<a href="#">S4TWL - Customer Service</a>	413		Alternative Exists with Roadmap	SAP S/4HANA Service	<a href="#">2962632</a>
<a href="#">S4TWL - General HCM Approach within SAP S/4HANA</a>	414		Alternative Exists	SAP Successfactors	<a href="#">2273108</a>
<a href="#">S4TWL - General HCM Approach within SAP S/4HANA</a>	414		Alternative Exists	SAP HCM for SAP S/4HANA	<a href="#">2273108</a>
<a href="#">S4TWL - General HCM Approach within SAP S/4HANA</a>	415		Alternative Exists	SAP Successfactors	<a href="#">2273108</a>
<a href="#">S4TWL - General HCM Approach within SAP S/4HANA</a>	415		Alternative Exists	SAP HCM for SAP S/4HANA	<a href="#">2273108</a>

Simplification item title	Compatibility Scope ID	Alternative - Feature Scope Description on Entry	Status	Alternative	Business Impact Note
<a href="#">S4TWL – Personnel Development</a>	418		Alternative Exists	SAP Successfactors	<a href="#">3224316</a>
<a href="#">S4TWL – Personnel Development</a>	418		Alternative Exists	SAP HCM for SAP S/4HANA	<a href="#">3224316</a>
<a href="#">S4TWL – Personnel Development</a>	422		Alternative Exists	SAP Successfactors	<a href="#">3224316</a>
<a href="#">S4TWL – Personnel Development</a>	422		Alternative Exists	SAP HCM for SAP S/4HANA	<a href="#">3224316</a>
<a href="#">S4TWL – Personnel Development</a>	423		Alternative Exists	SAP Successfactors	<a href="#">3224316</a>
<a href="#">S4TWL – Personnel Development</a>	423		Alternative Exists	SAP HCM for SAP S/4HANA	<a href="#">3224316</a>
<a href="#">S4TWL - EC-PCA - Classical profit center accounting</a>	427		Alternative Exists	"Profit Center Accounting on Universal Journal" in SAP S/4HANA	<a href="#">2993220</a>
<a href="#">S4TWL - Special Purpose Ledger</a>	430		Alternative Exists	Financial Reporting based on the universal journal (ACDOCA); special ledger use cases to be included in universal journal.	<a href="#">3015013</a>

Simplification item title	Compatibility Scope ID	Alternative - Feature Scope Description Entry	Status	Alternative	Business Impact Note
<a href="#">S4TWL - Report Writer / Report Painter in Finance and Controlling</a>	433		Alternative Exists	Financial Reporting based on the universal journal (ACDOCA) using virtual data model and SAP Fiori.	<a href="#">2997574</a>
<a href="#">S4TWL - LIS in EAM</a>	442		Alternative Exists		<a href="#">2267463</a>
<a href="#">S4TWL - MRP in HANA</a>	443	<a href="#">Material Requirements Planning</a>	Alternative Exists	MRP lists are snapshots of the material supply and demand situation at the time of the last MRP run. The snapshot is often outdated. With HANA, stock/requirements lists can be read with high speed. The MRP Fiori apps determine materials with issues in real-time.	<a href="#">2268085</a>
<a href="#">S4TWL - Logistic Information System in PP</a>	452		Alternative Exists		<a href="#">2268063</a>
<a href="#">S4TWL - Project System - Compatibility Scope</a>	459		Alternative Exists	Project System as part of SAP S/4HANA	<a href="#">3265838</a>



Simplification item title	Compatibility Scope ID	Alternative - Feature Scope Description Entry	Status	Alternative	Business Impact Note
<a href="#">S4TWL - Project System - Compatibility Scope</a>	460		Alternative Exists	Project System as part of SAP S/4HANA	<a href="#">3265838</a>
<a href="#">S4TWL - Project System - Compatibility Scope</a>	462		Alternative Exists	Project System as part of SAP S/4HANA	<a href="#">3265838</a>
<a href="#">S4TWL - Production Resources and Tools functions for projects</a>	463		No Alternative Planned	Project System as part of SAP S/4HANA	<a href="#">2270262</a>
<a href="#">S4TWL - Hierarchy Graphics in Project Systems</a>	465		Alternative Exists	Project System as part of SAP S/4HANA	<a href="#">3000979</a>
<a href="#">S4TWL - Project System - Compatibility Scope</a>	468		Alternative Exists	Project System as part of SAP S/4HANA	<a href="#">3265838</a>

## 4.2 Non-Strategic Simplification Items with Relevance to be Checked

The following non-strategic simplification items related to Compatibility Packages cannot be checked automatically. Please check the relevance of items from used application areas by the provided Business Impact SAP Notes:

### NON-STRATEGIC SIMPLIFICATION ITEMS WITH RELEVANCE TO BE CHECKED

There is no simplification item with relevance to be checked (non-strategic)

### LINK TO COMPATIBILITY SCOPE ANALYSIS

[https://me.sap.com/readinesscheck/Analysis\('6016521'\)/CompatibilityScope/?Status=New.InScope](https://me.sap.com/readinesscheck/Analysis('6016521')/CompatibilityScope/?Status=New.InScope)

## 5 Required Custom Code Adjustments for a System Conversion to SAP S/4HANA

No custom code analysis results have been uploaded.

## 6 Required SAP HANA Hardware Size and Data Volume Reduction Potential

### 6.1 SAP S/4HANA Sizing Simulation

Below is the simulated SAP S/4HANA target size including future DB growth and other related aspects. The basis for this is the estimated memory requirement for the target system after the system conversion to SAP S/4HANA. The requirements are based on the size of the tables in the source system and the compression rate of the source database.

**New functionalities:** The usage of planned new functionalities needs to be sized separately with the Quick Sizer and added on top. Examples: SAP Fiori and Embedded Analytics. Visit <https://www.sap.com/about/benchmark/sizing.html> for more information.

**Future Database Growth:** For a rough estimation, you can use your past data growth (transactionDB20) and apply to it the same compression ratio that the report has estimated for the current database.

General Indicators	Values
Initial SAP S/4HANA Target Size	338 GiB
Future Database Growth	137 GiB
Data Volume Reduction on SAP ERP	0 GiB
New Functionality	0 GiB
Simulation for Initial SAP S/4HANA Memory Requirement	<b>475 GiB</b>

### 6.2 SAP HANA Sizing

The SAP HANA sizing results are based on running the “Business Suite on HANA and S/4HANA sizing report” (see SAP Note [1872170](#)).

The sizing report calculates the total memory requirements for the system after the system conversion to SAP S/4HANA. The requirements are based on the size of the tables in the source system and the compression rate of the source system.

With the result of the sizing report, you have an initial indication of the system's starting size. This sizing procedure does not consider yet any additional growth caused by additional roll-outs, deployments or business growth. Respective factors need to be added.

The information of the sizing report also helps you to identify the tables that can be slimmed down by housekeeping and archiving activities.

The SAP Note [1872170](#) contains an FAQ document that helps to interpret the results below.

**Note:** in case of tables with errors, depending on their size, it may influence the target sizing. Please check the output of the sizing report/SDF/HDB\_SIZING on your source SAP ERP in case large tables are listed here.

#### GENERAL INFORMATION

General Indicators	Values
Type of Analysed Database	Oracle
Used Size on Disk	1721 GiB
Number of Tables Successfully Analyzed	109,494
Number of Tables with Errors	0
Version of Report /SDF/HDB_SIZING	91
SAP Note for SAP HANA Sizing	<a href="#">1872170</a>

**INITIAL TARGET SIZE**

Estimated Memory Requirement	Values in GiB
Column Store Data	112
+ Row Store Data	7
+ Workspace	115
+Others	103
<b>= Anticipated Initial Memory Requirement for SAP HANA</b>	<b>338</b>

Estimated Disk Sizing	Values in GiB
Column Store Data	119
+Others	56
+ Hybrid LOBs	369
<b>= Initial Net Data Size on Disk</b>	<b>675</b>

**20 LARGEST TABLES**

Table Name	Store Type	Data Size in GiB	Estimated Record Count
DBTABLOG	CS	14	52,937,398
ZWFPROG_ATTR	CS	12	314,794,667
ZFI_FCAST_MN_TP	CS	6	82,285,816
WBCROSSGT	CS	5	90,868,474
ACDOCA	CS	5	107,895,647
FAGLFLEXA	CS	4	59,875,710
BSEG	CS	4	54,235,302
ARFCSDATA	RS	4	2,218,717
FAGL_SPLINFO_VAL	CS	3	97,366,394
APQD	RS	3	9,791,206
SOC3	CS	3	7,629,730
SWW_CONT	CS	2	65,236,687
GLPCA	CS	2	24,672,380
FAGL_SPLINFO	CS	2	48,614,766
SWWLOGHIST	CS	2	37,594,867
BSIS	CS	2	26,073,196
COEP	CS	1	26,280,472
VIRADOCITEM	CS	1	18,556,525
STXL	CS	1	6,157,740
REPOSRC	CS	1	5,187,501

**LINK TO THE COMPLETE LIST OF DATABASE TABLES**

[https://me.sap.com/readinesscheck/Analysis\('6016521'\)/Sizing/Tables](https://me.sap.com/readinesscheck/Analysis('6016521')/Sizing/Tables)

## 6.3 Data Volume Management

This section shows the size of your archiving potential based on the top 30 database tables. The table shows you for every document type how many gigabytes can be archived in relation to its total size in your

source system. Additionally, it shows how much this equals in percent per document type for the residence time of 12 and 24 months.

We recommend archiving as much data as possible before migrating to SAP S/4HANA in order to reduce the amount of memory that will be consumed in the SAP S/4HANA environment.

NOTE: Ensure that you can fulfill all fiscal and tax reporting requirements before you archive the data. Archived data can still be displayed in the SAP S/4HANA environment.

For more information about Data Volume Management, contact your SAP account executive.

If you have an SAP Enterprise Support maintenance contract, visit the [SAP Enterprise Support Value Map](#) for Data Volume Management for guidance on next steps.

#### DOCUMENT TYPES

Document Type	Data Size in GiB	Older Than 12 Months	Older Than 24 Months
FI NewGL: Totals	0.68	<b>0.57</b> 84.58	<b>0.54</b> 79.73
FI NewGL: Accounting Documents	84.79	<b>70.48</b> 83.12	<b>67.99</b> 80.18
Intermediate Documents	176.86	<b>146.81</b> 83.01	<b>130.65</b> 73.87
Application Logs	5.34	<b>3.43</b> 64.32	<b>3.1</b> 58.09
Profit Center Accounting Documents	14.42	<b>0.0</b> 0.0	<b>0.0</b> 0.0
Work Items	46.54	<b>0.0</b> 0.0	<b>0.0</b> 0.0
Table Change Protocols	26.47	<b>0.0</b> 0.0	<b>0.0</b> 0.0

#### LINK TO THE LIST OF DOCUMENT TYPES

[https://me.sap.com/readinesscheck/Analysis\('6016521'\)/Sizing/Dvm](https://me.sap.com/readinesscheck/Analysis('6016521')/Sizing/Dvm)

## 6.4 Additional Information

The following documents provide additional information and context on sizing an SAP system.

Topic	Link
Sizing Approaches for SAP HANA - Lessons Learned	<a href="https://service.sap.com/~sapidb/011000358700000050632013E">https://service.sap.com/~sapidb/011000358700000050632013E</a>
Proactive Performance and Capacity Management - Best Practice	<a href="https://service.sap.com/~sapidb/011000358700001231382011E">https://service.sap.com/~sapidb/011000358700001231382011E</a>
SAP sizing	<a href="https://www.sap.com/about/benchmark/sizing.html">https://www.sap.com/about/benchmark/sizing.html</a>

## 7 Required Adjustments for Integration

For the transition to SAP S/4HANA, a selection of follow-up activities in the area of integration is required due to certain simplifications in different application areas. The *Integration* check in SAP Readiness Check provides an overview of identified interfaces and the impact analysis performed by the tool.

This functionality is provided by the following SAP Note:

SAP Note	Description
<a href="#">3061414</a>	Enabling extended interface impact analysis for SAP Readiness Check 2.0

In the *Integration* check, the header displays key features about the identified interfaces, and groups the interface types by the following tabs:

- **IDoc Interfaces:** Active and inactive IDoc interfaces that are configured in the system are displayed. The enumeration is based on the outbound (table EDP13) and inbound (table EDP21) partner profiles, while the usage information is pulled from table EDIDC.
- **Web Service Interfaces:** All consumer and provider ABAP proxies that are both registered and not registered in SOA Manager are displayed. The usage is based on the Web Services runtime data (class CL\_SOAP\_DB\_MONI).
- **RFC and BAPI Interfaces:** The interfaces are collected based on the runtime statistics (transaction ST03N). The same statistics provide the usage information. The list is extended with all Remote-Function-Call-enabled (RFC-enabled) custom function modules, which represent explicitly defined potential RFC interfaces.
- **BW Extractors:** The BW extractors are enumerated based on the ROOSOURCE table.
- **OData Services:** The interfaces are enumerated based on two data sources:
  - OData services that were created via SAP Gateway Service Builder (transaction SEGW): The corresponding OData classes are created automatically in your system once the creation of the SEGW project is finished.
  - OData services that were created manually outside of transaction SEGW by inheriting from classes /IWBEP/CL\_V4\_ABS\_DATA\_PROVIDER (data provider class) and /IWBEP/CL\_V4\_ABS\_MODEL\_PROV (model provider class). There is no usage information associated with the OData services.
- **SLT Replication:** A list of tables for which SAP Landscape Transformation Replication Server triggers were created is displayed. The main data source is the function module IUUC\_GET\_TRIGGERS. Instead of usage data, the number of table rows is displayed for the analyzed client (MANDT).
- **Flat File Interfaces:** A list of active flat file interfaces is provided. Flat file interfaces are not centrally managed and are identified indirectly using the file interface discovery tool (SAP Note [3322944](#)). Using the aggregated authorization trace, the data collector detects the OPEN DATASET ABAP command, which is used by flat file interfaces to access the underlying file system. The data collector evaluates and aggregates the data during a specific time frame and compiles a list of active flat file interfaces.  
 The data collection period defines the precision of the analysis results. Due to different project requirements and objectives, no general recommendation about the duration of the data collection period can be provided. Instead, the project team needs to evaluate and agree on the duration. If required, the analysis data of flat file interfaces can be uploaded to the current SAP Readiness Check analysis several times.  
 The data collection process for flat file interfaces runs independently from the rest of the SAP Readiness Check framework. This decoupled approach enables the time-consuming analysis of flat file interfaces to continue without impacting the completion of the other SAP Readiness Check data collectors. The flat file analysis can start before or after performing the rest of the SAP Readiness Check analyses.  
 The data collector aggregates and filters the analysis results of the flat file interfaces to focus on interfaces relevant to SAP Readiness Check and exclude interfaces classified as SAP technical file interfaces (for example, in the transport system or for interfaces related to ABAP design time traces). The list of used filter criteria is available in SAP Note [3322944](#). Use the file interface discovery tool to explore the complete flat file interface analysis.

The chart and table in the *Integration* check provide an overview of discovered interfaces and the results of the impact analysis performed by SAP Readiness Check. The impact analysis focuses on the most critical impact types that require immediate action during system conversion. It does not cover topics such as using outdated technology, security risks, performance, and so on

The analysis covers the following impact types:

#### Functionality Unavailable:

One standard ABAP object directly associated with an interface or referenced by an associated custom ABAP object is on the simplification list. The identified objects can be categorized as follows:

- Standard objects are checked against the simplification item database and the data dictionary of the target SAP S/4HANA release. The findings include cases where an object is missing in the target release, exists but is neither used nor supported, and where a table is partially used in SAP S/4HANA compared to SAP ERP.
- Custom objects are checked against the ABAP test cockpit scan results. The results become available once you upload the ABAP test cockpit results (S4HANA\_READINESS) to your SAP Readiness Check analysis.

#### Serialization Issue:

One of the objects associated with an interface becomes binarily incompatible upon system conversion due to a field length extension. These interfaces should not be used without adjustments on the caller side to avoid possible data inconsistencies.

There are three types of cases:

- An SAP S/4HANA version of a standard function module and its SAP ERP version are binarily incompatible. These function modules are listed in the external blocklist.
- A custom function module becomes binarily incompatible upon system conversion. The ABAP test cockpit identifies such custom function modules.
- A custom or extension IDoc segment becomes binarily incompatible upon system conversion. The ABAP test cockpit identifies such IDoc segments.

Interfaces with this impact category will either dump with a syntax error on first use when calling a missing object or become unstable, as the referenced standard object is neither supported nor maintained in SAP S/4HANA.

#### Blocked:

One of the standard programs or function modules associated with an interface is on the internal blocklist and cannot be used with SAP S/4HANA. Interfaces with this impact category will dump on first use when accessing a blocked object.

In the *Details* column displayed in the table within the *Integration* check, impacted BW extractors are assigned to one of the following subcategories (if available):

- *Working*: The data source is available with SAP S/4HANA. There are no restrictions.
- *Working with Restrictions*: The data source works in SAP S/4HANA but with noteworthy restrictions. For example, not all fields are available.
- *Obsolete*: The data source is no longer relevant after system conversion. BW extractors in this category are legacy extractors.
- *Not Working*: All data sources in this category are not working in SAP S/4HANA. The following subcategories exist:
  - *Alternative Exists*: The data source is unavailable with SAP S/4HANA, but an alternative exists. For example, by means of a new extractor or a CDS view.
  - *Alternative Planned*: The data source is not available with SAP S/4HANA yet, but an alternative is planned in the road map for future release. The alternative for most of the BW extractors assigned to this subcategory will be an extractor based on a CDS view. To find out about the status, please check SAP Note [2500202](#) or create a case on the corresponding component.

- *No Alternative Exists*: The data source is not working in SAP S/4HANA, and no alternative is planned.

Overall, the following impact on interfaces was identified in your system:

Total Number	Impacted	Mediated via Middleware
2700	180	832

Furthermore, impacted interfaces in your system can be classified as follows:

Functionality Unavailable	Blocked	Serialization Issue	Impacted but Unused
180	0	0	0

To address these findings, please refer to the *Next Steps* section in the side panel of the *Integration* check within your SAP Readiness Check analysis or review the or review the below-mentioned next steps:

#### Functionality Unavailable:

Check all interfaces with the impact category *Functionality Unavailable*. In the *Details* column in the table within the *Integration* check, you can find corresponding simplification items, business impact notes, or SAP Notes reported by the ABAP test cockpit analysis (if available). You might need to redesign and/or rebuild the interface, or even remove it completely from the system if it becomes obsolete in SAP S/4HANA.

#### Serialization Issue:

Check all interfaces with the impact category *Serialization Issue*.

- For Remote Function Call (RFC) interfaces, note that the impact is only relevant for external inbound calls. Perform the following steps:
  1. Ensure that the identified RFC interface is inbound and that the call comes from an external system; otherwise consider this to be a false-positive finding.
  2. For standard function modules, follow the procedure described in SAP Note [2408693](#). Depending on the feedback from SAP, an interface might be exempted as an exception.
  3. For custom function modules, adjust the signature of the function module either on the remote side or on the SAP S/4HANA side to restore binary compatibility.  
Alternatively, familiarize yourself with the fast RFC serialization, which might offer an easier solution if a high number of function modules needs to be corrected. For more information, see SAP Note [2315100](#).
- For IDoc interfaces, rework data types behind custom fields. For example, change the associated data element MATNR to MATNR18 to restore field length and, if required, add a new field with a long material number using data element MATNR. For more information, see SAP Note [2218350](#).

#### Blocked:

Check all interfaces with the impact category *Blocked* and find out if identified blocked objects can be substituted. Search for simplification items in the functional area the object belongs to. You might need to redesign and/or rebuild the interface, or even remove it completely from the system if it becomes obsolete in SAP S/4HANA.

Once the custom code scan results that are based on the ABAP test cockpit have been uploaded to the current SAP Readiness Check analysis, review the integration analysis again by focusing on the impact categories *Functionality Unavailable* and *Serialization Issue*. The ABAP test cockpit results might help you identify impacted interfaces, which contain custom code that is dependent on functionality not available in SAP S/4HANA. In addition, the results might support you to detect custom function modules and IDoc extensions, which are impacted by the field length extension.

Once the interfaces identified as impacted are analyzed and adjusted or removed, continue with the testing of the most critical interfaces.

For more information, see:

- [Extended Integration Analysis in SAP Readiness Check](#) blog series

- SAP Note [2500202](#) (central SAP Note for BW extractors in SAP S/4HANA)
- SAP Note [2416705](#) (blocked Remote Function Calls)
- SAP Note [2215424](#) (field length extension of material numbers)
- SAP Note [2218350](#) (field length extension of material numbers in IDoc interfaces and/or application link enabling)
- SAP Note [2781766](#) (enabling the export of the ABAP test cockpit check results for SAP Readiness Check)
- SAP Note [3322944](#) (enabling the data collector of flat file interfaces and information about the file interface discovery tool)
- If you are using SAP Landscape Transformation Replication Server, refer to SAP Note [2755741](#) (potential impact of the replication from SAP Landscape Transformation Replication Server during system conversions) and [Compatibility Views and SAP Landscape Transformation Replication Server](#) (impact of compatibility views on the replication in detail).

## 7.1 IDoc Interfaces

The IDoc section lists active and inactive IDoc interfaces that are configured in the system. The enumeration is based on the outbound (table EDP13) and inbound (table EDP21) partner profiles, while the usage information is pulled from table EDIDC.

The following impact on used IDoc interfaces was identified in your system:

Total Number	Functionality Unavailable	Blocked	Serialization Issue
60	0	0	0

## 7.2 Web Service Interfaces

All consumer and provider ABAP proxies that are both registered and not registered in SOA Manager are listed in this section. The usage is based on the Web Services runtime data (class CL\_SOAP\_DB\_MONI).

The following impact on used Web service interfaces was identified in your system:

Total Number	Functionality Unavailable	Blocked	Serialization Issue
1278	143	0	0

## 7.3 RFC and BAPI Interfaces

RFC and BAPI interfaces are collected based on the runtime statistics (transaction ST03N). The same statistics provide the usage information. The list is extended with all Remote-Function-Call-enabled (RFC-enabled) custom function modules, which represent explicitly defined potential RFC and BAPI interfaces.

The following impact on used RFC and BAPI interfaces was identified in your system:

Total Number	Functionality Unavailable	Blocked	Serialization Issue
1117	0	0	0

## 7.4 BW Extractors

No data was collected for this interface type during the data collection. For more information, see the BW Extractors tab in the Integration check available within your SAP Readiness Check analysis.

## 7.5 OData Service Interfaces

The OData services are enumerated based on two data sources:



- OData services that were created via SAP Gateway Service Builder (transaction SEGW): The corresponding OData classes are created automatically in your system once the creation of the SEGW project is finished.
- OData services that were created manually outside of transaction SEGW by inheriting from classes /IWBEP/CL\_V4\_ABS\_DATA\_PROVIDER (data provider class) and /IWBEP/CL\_V4\_ABS\_MODEL\_PROV (model provider class). There is no usage information associated with the OData services.

Currently out of scope are Core Data Services (CDS) views exposed as OData services, OData services based on the programming model Service Adaptation Description Language (SADL), and OData services based on the programming model ABAP RESTful Application Programming Model (RAP).

The following impact on used OData service interfaces was identified in your system:

Total Number	Functionality Unavailable	Blocked	Serialization Issue
245	37	0	0

## 7.6 SLT Replications

No data was collected for this interface type during the data collection. For more information, see the SLT Replications tab in the Integration check available within your SAP Readiness Check analysis.

## 7.7 Flat File Interfaces

No data was collected for this interface type during the data collection. For more information, see the Flat File Interfaces tab in the Integration check available within your SAP Readiness Check analysis.

**LINK TO THE COMPLETE LIST OF ALL INTERFACE TYPES**

[https://me.sap.com/readinesscheck/Analysis\('6016521'\)/Interface](https://me.sap.com/readinesscheck/Analysis('6016521')/Interface)

# 8 Financial Data Quality

This chapter contains essential information about the quality and consistency of your financial data. The topic is crucial for various daily business operations, SAP S/4HANA conversions, and other conversion projects. Resolving data consistency issues will help you accelerate the conversion process and avoid unexpected showstoppers. We strongly recommend that you peruse this chapter and take action if required.

## 8.1 General Ledger

No Data Submitted for Analysis

## 8.2 Asset Accounting

No Data Submitted for Analysis

## 8.3 Material Ledger

No Data Submitted for Analysis

## 9 Additional Information for a System Conversion to SAP S/4HANA

### 9.1 Recommended SAP Fiori Applications for SAP S/4HANA

SAP S/4HANA offers SAP Fiori applications as an alternative to SAP GUI transactions and reports. New applications in SAP S/4HANA are always built with the SAP Fiori user interface. Click the [link](#) to see more detail about the result. See the following blog for more information: [SAP Readiness Check 2.0 – Details about the topic of SAP Fiori](#)

The following list includes the most relevant SAP Fiori applications, based on the transaction usage history in the evaluated system.

#### GENERAL INFORMATION

General Indicators	Values
Total Number of SAP Fiori Lighthouse Apps	83
Total Number of SAP Fiori Apps	2329
Total Number of SAP Fiori Theme ClassicUI Apps	429

SAP Fiori Role	Number of SAP Fiori App
Purchaser	124
General Ledger Accountant	86
Internal Sales Representative	83
Cost Accountant - Overhead	57
Configuration Expert - Business Process Configuration	57
Billing Clerk	54
Strategic Buyer	54
Accounts Payable and Receivable Accountant (FI-CA)	53
Production Planner	52
Accounts Receivable Accountant	51
Inventory Manager	48
Material Planner - External Procurement	45
Budget Responsible - Funds Management	40
Sales Manager	38
Warehouse Clerk	38
Budget Specialist - Funds Management	34
Maintenance Planner	34
Settlement Clerk (Agricultural Contract Management)	34
Returns & Refund Clerk	33
Cost Accountant - Sales	33
Accounts Payable and Receivable Manager (FI-CA)	32
Operations Clerk (Agricultural Contract Management)	32
Cash Management Specialist	31

SAP Fiori Role	Number of SAP Fiori App
Accounts Payable Accountant	31
Collections Specialist (FI-CA)	29
Shipping Specialist - Just-In-Time Supply	28
Reconciliation Specialist - Accounts Payable and Receivable (FI-CA)	28
Accounts Payable Accountant - Procurement	27
Asset Accountant	27
Shipping Specialist	25
External Auditor - Accounts Payable and Receivable (FI-CA)	25
Customer Service Manager (Customer Management)	25
Receiving Specialist	24
Project Manager (Commercial Project Management)	24
Administrator - Accounts Payable and Receivable (FI-CA)	24
Settlement Clerk	24
Accounts Receivable Manager	23
Purchaser - Central Procurement	23
Cash Manager	23
Customer Service Representative - In-House Repair	22
Maintenance Technician	22
Customer Service Representative (Customer Management)	21
Sales Manager (Customer Management)	21
Customer Service Manager - In-House Repair	20
Project Financial Controller	19
Invoicing Specialist (Convergent Invoicing)	17
Divisional Accountant	16
Production Engineer - Discrete Manufacturing	15
Employee - Procurement	15
Inventory Manager (Retail)	14
Sourcing Manager	13
Administrator	13
Maintenance Supervisor	13
Project Logistics Controller	13
Production Engineer - Process Manufacturing	13
Extensibility Specialist	12
Employee	12
Warehouse Clerk (Retail)	12
Contract Specialist - Leasing	11
Accounts Payable Manager	11
Settlement Clerk - Royalties	11

SAP Fiori Role	Number of SAP Fiori App
Accounts Payable Accountant for China	11
BOM Engineer - Customer Order	11
Administrator - Recipe Development	10
BOM Engineer	10
Master Data Specialist - Product Data	10
Manager - Inbox	10
Accounts Payable Accountant - Leasing	10
Accounts Receivable Accountant - Leasing	10
Service Technician - In-House Repair	10
Configuration Expert - Business Network Integration	10
Administrator - International Trade	10
Technical Officer - Armed Forces	9
Purchasing Manager	9
Service Planner - Recurring Service	9
Change Management Coordinator	9
Production Supervisor - Process Manufacturing	8
Contract Valuation Specialist - Leasing	8
SAP_BR_RFM_STORE_MANAGER	8
General Ledger Accountant for Japan	8
Production Supervisor - Discrete Manufacturing	8
Master Data Specialist - Raw Substance Data	8
Systems Engineer	8
SAP_BR_RFM_STORE_ASSOCIATE	8
Cost Accountant - Real Estate	7
General Ledger Accountant for Australia	7
Settlement Clerk - Commissions	7
Development Manager - Discrete Industry	7
Production Operator - Process Manufacturing	7
Master Data Specialist - Business Partner Data	7
Trader - Futures	7
General Ledger Accountant for New Zealand	7
General Ledger Accountant for Luxembourg	7
Cash Manager for China	7
Internal Sales Representative (Subscription Order Management)	7
Production Operator - Discrete Manufacturing	7
Design Engineer	7
General Ledger Accountant for Turkey	6
Master Data Specialist - Batch Data	6

SAP Fiori Role	Number of SAP Fiori App
General Ledger Accountant for Canada	6
General Ledger Accountant for South Africa	6
Master Data Specialist - Commodity Management	6
General Ledger Accountant for Thailand	6
Replenishment Specialist - Distribution Center (Retail)	6
General Ledger Accountant for Singapore	6
General Ledger Accountant for Russian Federation	6
SAP_BR_MD_SPCLST_ITEM_RFM	6
General Ledger Accountant for Malaysia	6
Cash Manager for Thailand	5
General Ledger Accountant for Switzerland	5
Master Data Specialist - Product Compliance	5
General Ledger Accountant for Taiwan	5
General Ledger Accountant for Sweden	5
General Ledger Accountant for Brazil	5
General Ledger Accountant for Belgium	5
Trade Compliance Specialist	5
General Ledger Accountant for Italy	5
Production Supervisor - Repetitive Manufacturing	5
General Ledger Accountant for Israel	5
General Ledger Accountant for Indonesia	5
General Ledger Accountant for Portugal	5
General Ledger Accountant for Austria	5
General Ledger Accountant for Norway	5
Cash Management Specialist for China	5
Production Operator - Repetitive Manufacturing	5
Cash Manager for Malaysia	5
General Ledger Accountant for South Korea	5
General Ledger Accountant for France	5
Master Data Specialist (Agricultural Contract Management)	5
General Ledger Accountant for Finland	5
Manager - Procurement	5
Master Data Specialist - Maintenance Management	5
Trader (Agricultural Contract Management)	5
General Ledger Accountant for Denmark	5
General Ledger Accountant for Netherlands	5
Credit Controller	5
Quality Engineer	5
General Ledger Accountant for Spain	5

SAP Fiori Role	Number of SAP Fiori App
General Ledger Accountant for Romania	4
General Ledger Accountant for Ireland	4
External Auditor	4
Asset Accountant for Italy	4
Analytics Specialist	4
Asset Accountant for Slovakia	4
Asset Accountant for Portugal	4
Quality Technician	4
General Ledger Accountant for Czech Republic	4
Accounts Receivable Accountant for China	4
Administrator (Convergent Invoicing)	4
Business Process Specialist	4
Administrator - Real Estate Management	4
Real Estate Specialist - Location Management	4
Asset Accountant for Poland	4
Material Planner - Just-In-Time Supply	4
Contract Manager - Settlement Management	4
Administrator (Retail)	4
Trade Classification Specialist	4
Customer Service Representative - Data Analysis (Utilities) for Brazil	4
Product Stewardship Specialist - Product Compliance	4
General Ledger Accountant for Hungary	4
General Ledger Accountant for Peru	4
General Ledger Accountant for Poland	4
General Ledger Accountant for Philippines	4
Order Fulfillment Specialist (Retail)	4
General Ledger Accountant for Slovakia	4
Treasury Specialist - Back Office	4
Settlement Clerk - Freight Management	4
General Ledger Accountant for India	4
Transportation Manager	4
General Ledger Accountant for United Kingdom	4
Cash Manager for Indonesia	4
Group Accountant	4
General Ledger Accountant for China	4
General Ledger Accountant for Germany	4
Asset Accountant for Singapore	4
Accounts Payable Manager for Slovakia	3

SAP Fiori Role	Number of SAP Fiori App
Accounts Receivable Accountant for Norway	3
Accounts Payable Accountant for Norway	3
Accounts Payable Manager for Thailand	3
Accounts Payable Manager for Singapore	3
Accounts Payable Accountant for Poland	3
General Ledger Accountant - Group Reporting	3
Accounts Payable Manager for Venezuela	3
General Ledger Accountant for United Arab Emirates	3
Accounts Payable Manager for South Korea	3
Cash Management Specialist for USA	3
Accounts Payable Manager for USA	3
Accounts Payable Manager for Saudi Arabia	3
Accounts Payable Manager for Italy	3
Accounts Payable Manager for Portugal	3
Data Privacy Specialist - Consent Management	3
General Ledger Accountant for Chile	3
Accounts Payable Manager for Malaysia	3
Accounts Receivable Manager for Thailand	3
Industrial Hygienist	3
Grant Specialist - Grantor Programs	3
Accounts Payable Manager for Spain	3
Accounts Payable Manager for Mexico	3
Accounts Payable Manager for Argentina	3
Accounts Payable Manager for Poland	3
Environmental Manager	3
Accounts Payable Manager for United Kingdom	3
Asset Accountant - MCPSE (Utilities) for Brazil	3
Accounts Payable Manager for Belize	3
Accounts Payable Manager for Australia	3
External Auditor - Group Reporting	3
Accounts Payable Manager for Philippines	3
Accounts Payable Manager for Belgium	3
Billing Clerk for India	3
General Ledger Accountant for Saudi Arabia	3
Administrator - Group Reporting	3
Accounts Payable Manager for Japan	3
General Ledger Accountant for Egypt	3
Grant Responsible	3
Accounts Receivable Accountant for Japan	3

SAP Fiori Role	Number of SAP Fiori App
Accounts Payable Manager for Indonesia	3
Production Operator - Lean Manufacturing	3
Meter Data Specialist - Energy Loss Prevention (Utilities) for Brazil	3
General Ledger Accountant for Ukraine	3
Accounts Receivable Accountant for Poland	3
General Ledger Accountant for Argentina	3
Accounts Payable Manager for France	3
Accounts Payable Manager for Ireland	3
General Ledger Accountant for Kazakhstan	3
Accounts Payable Accountant - Procurement for Brazil	3
Asset Accountant for Romania	3
General Ledger Accountant for Croatia	3
Accounts Payable Manager for Bulgaria	2
Accounts Payable Manager for Germany	2
Tax Accountant - Legal Reporting	2
General Ledger Accountant for Oman	2
SAP_BR_BUSINESS_PROC_SPEC_ESCH	2
Tax Accountant - Corporate Income Tax	2
Accounts Payable Manager for Chile	2
Accounts Payable Manager for South Africa	2
Accounts Payable Manager for Colombia	2
Configuration Expert - Data Migration	2
Payment Specialist - In-House Banking	2
Meter Data Specialist - Data Analysis (Utilities) for Brazil	2
Contract Manager - Royalties	2
Accounts Payable Manager for Peru	2
Asset Accountant for Luxembourg	2
Accounts Payable Manager for Canada	2
Grant Specialist	2
Insurance Claims Handler	2
Order-to-Cash Process Manager	2
General Ledger Accountant for Colombia	2
Cost Accountant - Inventory	2
Product Configuration Modeler	2
Product Stewardship Specialist	2
Recipe Developer	2
Dangerous Goods Specialist	2
Hazardous Materials Manager	2



SAP Fiori Role	Number of SAP Fiori App
SAP_FND_BCR_MANAGER_T	2
Payment Specialist	2
Accounts Payable Manager for Greece	2
Production Planner - Lean Manufacturing	2
Accounts Payable Accountant for Israel	2
Asset Accountant for Israel	2
Payment Specialist	2
Cash Manager for Philippines	2
Organizational Planner - Force Element	2
Product Configuration Modeler (Subscription Order Management)	2
Asset Accountant for Serbia	2
Insurance Policy Clerk	2
Audit Specialist for Israel	2
Asset Accountant for Bulgaria	2
Employee - Maintenance Info	1
Contract Manager - Commissions	1
Production Supervisor - Lean Manufacturing	1
Compliance Engineer - Food and Beverage	1
Cash Management Specialist for United Kingdom	1
Transportation Manager - Direct Distribution	1
Order Fulfillment Specialist	1
SAP_BR_EMPLOYEE_LEGAL_CONTENT	1
Project Manager	1
Project Steering Committee Member	1
Pricing Specialist	1
Manager - Finance Info	1
Accounts Payable Accountant for United Kingdom	1
General Ledger Accountant for Mexico	1
General Ledger Accountant for Venezuela	1
Cost Accountant - Production	1
General Ledger Accountant for Serbia	1
Administrator - Sourcing	1
Joint Venture Accountant	1
Accounts Payable Accountant for Ireland	1
Inventory Analyst	1
Treasury Specialist - Front Office	1
Accounts Payable Accountant for Australia	1
SAP_BR_METERDATA_SPEC_FE_BR	1

SAP Fiori Role	Number of SAP Fiori App
General Ledger Accountant - Intercompany	1
SAP_BR_CMMFSA_MD_MANAGER	1
Treasury Risk Manager	1
Accounts Payable Accountant for Russian Federation	1
Accounts Receivable Accountant for Russian Federation	1
Treasury Accountant	1
Transportation Planner	1
Billing Specialist (Utilities) for Brazil	1
Inventory Accountant for China	1
Inventory Accountant for Taiwan	1
Intrastat Specialist	1
SAP_BR_DOWNLUPL_SPEC_FE_BR	1
Purchaser for India	1
Treasury Specialist - Middle Office	1
General Ledger Accountant for Bulgaria	1
Accounts Payable Accountant for Japan	1
Meter Data Specialist (Utilities) for Brazil	1
Asset Accountant for South Korea	1
Asset Accountant for Russian Federation	1
Credit Controller - Prepayments	1
Cash Management Specialist for Philippines	1
Legal Counsel	1
Administrator - Legal Content Management	1
Accounts Payable Accountant - Procurement for China	1
General Ledger Accountant - Banks	1

**If you would like to have the complete list of recommended SAP Fiori Apps, use the excel generated together with the word document.**

**LINK TO THE COMPLETE LIST OF RECOMMENDED SAP FIORI APPS**

[https://me.sap.com/readinesscheck/Analysis\('6016521'\)/Fiori](https://me.sap.com/readinesscheck/Analysis('6016521')/Fiori)

For details on SAP Fiori for SAP S/4HANA, check out the following information:

Topic	Link
The SAP Fiori apps reference library	<a href="https://fioriappslibrary.hana.ondemand.com/sap/fix/externalViewer/">https://fioriappslibrary.hana.ondemand.com/sap/fix/externalViewer/</a>
SAP Fiori demo video	<a href="https://www.youtube.com/watch?v=lo9HfoVkgVU&amp;">https://www.youtube.com/watch?v=lo9HfoVkgVU&amp;</a>
SAP Fiori trial	<a href="https://www.sapfioritrial.com/">https://www.sapfioritrial.com/</a>
SAP Fiori Lighthouse Scenarios	<a href="https://www.sap.com/corporate/en/documents/2018/01/12b3dec4-ec7c-0010-82c7-eda71af511fa.html">https://www.sap.com/corporate/en/documents/2018/01/12b3dec4-ec7c-0010-82c7-eda71af511fa.html</a>

Topic	Link
SAP Readiness Check 2.0 – Details about the topic of SAP Fiori	<a href="https://blogs.sap.com/2019/05/16/sap-readiness-check-2.0-details-about-the-topic-of-sap-fiori/">https://blogs.sap.com/2019/05/16/sap-readiness-check-2.0-details-about-the-topic-of-sap-fiori/</a>

## 9.2 App Availability

Based on the data archive loaded to this analysis, this check could not find any apps in the source system that will be deprecated, unavailable, or available with a successor in the SAP S/4HANA target release. If this analysis is for a non-production system (including a recent copy of production), we recommend analyzing the production system to confirm these findings.

Later releases of SAP S/4HANA have increased functionality, incremental refinements, and simplifications that can influence future system usage. As a result of these changes, some apps in the SAP ERP or SAP S/4HANA source system may be deprecated, unavailable, or available with a successor in the SAP S/4HANA target release.

This check identifies apps using UI technology types SAP GUI, SAP Fiori, and Web Dynpro in the source system, and then determines one of the following status categories:

- **Deprecated:** Apps assigned to this category are still supported but outdated. The apps are considered to be in maintenance mode, and there are no new features available. If possible, the apps should not be used. You can, however, still use them, but they may no longer be supported in the future and may even be removed. The apps are usually replaced with successor apps.
- **Unavailable:** Apps assigned to this category are not supported any longer. The apps may not work as expected and can no longer be used.
- **Available with Successor:** Apps assigned to this category are still available in the target release; however, successor apps are available. We recommend that you use the successor app where it's available.

While reviewing the identified apps and recommended successors (if available), the default scoping evaluation status can be updated from *New* to either *In Scope* or *Out of Scope* to capture the decision related to each finding.

This check only identifies apps in the source system using UI technology types SAP GUI, Web Dynpro, and SAP Fiori, which will be deprecated, unavailable, or available with a successor in the SAP S/4HANA target release. Apps that will still be available in the target release and unknown apps are not included in this check. For SAP Fiori apps, an upgrade impact analysis can be performed to identify available and unknown apps (see SAP Fiori Upgrade Impact Analysis).

In addition, this check only shows apps recently used in the source system when the SAP Readiness Check analysis data was collected. The identification of apps is based on ST03N usage data collected in the back end of the source system. Note that this check only displays results if usage data collected contains 12 or more months of usage statistics.

This check is client dependent. If your production system has multiple productive clients, the analysis must be run in each client.

For more information, see:

Topic	Link
SAP Enterprise Support value maps	<a href="https://support.sap.com/en/offerings-programs/enterprise-support/enterprise-support-academy/value-maps.html">https://support.sap.com/en/offerings-programs/enterprise-support/enterprise-support-academy/value-maps.html</a>

## 9.3 Business Process Discovery

The result table below shows key figures for business process improvement for SAP solutions. The figures represent:

- Degree of automatic document creation
- Clean-up potential for old and open business documents
- Usage of (custom) configured document types

Data provided in this tile will not prevent you from converting your system (no showstopper) yet is highly recommended to address in advance of your conversion project. SAP Readiness Check provides a high-level analysis, for more information for a deep analysis of the respective key figures, please see table below.

#### Process Automation:

This section evaluates your process efficiency of back-office processes by making the degree of automation transparent when creating business documents. This will help you to understand in which areas you have further potential of optimization and what volume of business documents is actually created.

#### Transactional Backlog:

This section provides an overview of old open and overdue business documents that need to be worked on before they are archived and migrated to SAP S/4HANA. Additionally, these key figures can also have an impact on SAP S/4 HANA topics such as fast closing, MRP planning, and inventory optimization if they are migrated unnecessarily.

#### Non-Standard Order Types:

To understand your potential to reduce complexity and further harmonize or even standardize business processes, check the section to see how many different document types have been customized and whether they are used in the current business solution.

For more details, contact your SAP account executive and ask for more information on the service business process improvement for SAP solutions.

If you have an SAP Enterprise Support contract, visit the [SAP Enterprise Support Value Map](#) for Business Process Improvement for guidance on next steps.

#### BUSINESS PROCESS DISCOVERY KPI

Name	Type	Value	Status
Order type usage in internal orders	Non-Standard Order Types	6 of 7	Some Improvement Potential
Order type usage in process orders	Non-Standard Order Types	0 of 0	Healthy
Credit memo request type usage	Non-Standard Order Types	0 of 1	Healthy
Order type usage in PM/CS orders	Non-Standard Order Types	8 of 11	High Potential
Return order type usage	Non-Standard Order Types	0 of 0	Healthy
Sales order type usage	Non-Standard Order Types	1 of 3	Some Improvement Potential
Debit memo request type usage	Non-Standard Order Types	2 of 3	Some Improvement Potential
Order type usage in production orders	Non-Standard Order Types	0 of 0	Healthy
Automation rate: Supplier invoices creation	Process Automation	0%	High Potential
Automation rate: Sales billing document creation	Process Automation	0%	High Potential

Name	Type	Value	Status
Automation rate: Process order creation	Process Automation	0%	High Potential
Automation rate: Outbound delivery creation	Process Automation	0%	High Potential
Automation rate: Purchase order item creation	Process Automation	0%	High Potential
Automation rate: Sales document creation	Process Automation	0%	High Potential
Automation rate: Purchase requisition creation	Process Automation	45%	Some Improvement Potential
Automation rate: Production order creation	Process Automation	0%	High Potential
Overdue and open accounts receivable items	Transactional Backlog	544K	High Potential
Overdue and open accounts payable items	Transactional Backlog	3.2K	Healthy
Production orders overdue for deletion flag	Transactional Backlog	0	Healthy
Outbound deliveries overdue for goods issue posting	Transactional Backlog	0	Healthy
Inbound deliveries overdue for goods receipt posting	Transactional Backlog	0	Healthy
Shipments within certain status	Transactional Backlog	0	Healthy
Purchase order items open and overdue	Transactional Backlog	13K	Some Improvement Potential
Open items in general ledger accounts (aggregated)	Transactional Backlog	2.5M	High Potential
Purchase requisition items open and overdue	Transactional Backlog	13K	Some Improvement Potential
Process orders overdue for deletion flag	Transactional Backlog	0	Healthy
Sales orders open & overdue for delivery	Transactional Backlog	0	Healthy
PM/CS orders overdue for deletion flag	Transactional Backlog	68K	High Potential

**LINK TO THE LIST OF BUSINESS PROCESS DISCOVERY KPI**

[https://me.sap.com/readinesscheck/Analysis\('6016521'\)/Bpa/ProcessAutomation](https://me.sap.com/readinesscheck/Analysis('6016521')/Bpa/ProcessAutomation)

For more information on Business Process Discovery, check out the following information:

Topic	Link
SAP Enterprise Support Value Map for Business Process Improvement (For Enterprise Support customers only)	<a href="https://support.sap.com/en/offerings-programs/enterprise-support/enterprise-support-academy/value-maps.html">https://support.sap.com/en/offerings-programs/enterprise-support/enterprise-support-academy/value-maps.html</a>

## 9.4 SAP Innovative Business Solutions

No SAP Innovative Business Solutions available

## 9.5 Planned Downtime Calculator

**Disclaimer:** The values are provided for reference purposes only. The actual durations highly depend on the system configuration, including hardware, network, database size, system settings, and other factors. SAP makes no warranty, either expressed or implied, that the runtimes for your system will fit into the indicated range.

SAP ERP Database: Oracle

Data Volume: 1721 GB

Financial Data Records to Be Converted: 108M

**Total Downtime: 50 hours 30 minutes**

Phases	Default Value	Your Value
<b>System Ramp-Down</b> Typically, this phase includes the completion of the normal workload and the isolation of the system. For example, it includes logging out end users, stopping background processes, and clearing delta queues.	1h(empirical) Empirical value for medium-sized systems	
<b>Downtime Preparations</b> This phase usually includes the extraction of preconversion data for later reconciliation (data validation). In addition, it includes several last conversion-relevant preparation steps for applications. The scope depends on the functional usage of the system.	3 h (empirical) Empirical value for medium-sized systems	
<b>Technical Downtime (SUM)</b> This phase includes the database migration, the software upgrade, and the data conversion.	24 h (estimated) We did not find any samples matching your system. However, systems of your size (that is, between 1 TB and 3 TB) usually complete the technical downtime under 24 h , with the majority of systems completing the technical downtime under 48 h . It may be possible to run the conversion of your system in the time frame of a weekend using the standard conversion.	
<b>Technical Postprocessing and Data Conversion Preparation</b> Typically, this phase includes adjustments of the technical infrastructure, postprocessing steps after the technical conversion, and customer transports, including customizing for FI conversion and the implementation of relevant SAP Notes.	4 h (empirical) Empirical value for medium-sized systems	
<b>Finance and Material Ledger Data Conversion</b> In this phase, the financial data (FI, FI-GL, FI-AA, CO, and ML) is migrated into the universal journal table ACDOCA	2 h (estimated) A conservative estimation, assuming a conversion rate of 100 million records per hour, is 3 h . An optimistic estimation, assuming a conversion rate of 150 million records per hour, is 2 h .	

Phases	Default Value	Your Value
<b>Application Postprocessing</b> This phase usually includes the postconversion data extraction for later reconciliation (data validation), the import of customer transports, as well as the execution of IMG steps that are related to FI migration. It may include further steps required by other applications.	7 h (empirical) Empirical value for medium-sized systems	
<b>Business Validation</b> Usually, this phase includes tests that are performed by the key users to ensure that the system works as expected from a functional perspective.	4 h (empirical) Empirical value for medium-sized systems	
<b>Go/No-Go Decision</b> In this phase, the project management team holds a final status meeting and makes the go/no-go decision, based on the results of the reconciliation and the functional tests.	30 min (empirical) Empirical value for medium-sized systems	
<b>System Ramp-Up</b> In this phase, normal system operations are resumed.	2 h (empirical) Empirical value for medium-sized systems	
<b>Fallback Buffer</b> This phase includes a fallback buffer that is required if the conversion was not successful.	3 h (empirical) Empirical value for medium-sized systems	

#### WHAT'S NEXT

Consider performing archiving and housekeeping prior to the conversion as it could shorten the system downtime.

After completing your first conversion, use the [Technical Downtime Optimization](#) app to get an advice on how to optimize the runtimes of future conversion iterations and cycles.

If you require a significantly shorter business downtime, consider the downtime-optimized conversion option, which was made generally available as of SUM 2.0 SP10. For more information, see [Software Logistics Toolset](#) on SAP Support Portal.

For large systems or systems with stringent business downtime requirements, consider the minimized downtime service by SAP Service and Support.

For further help choosing the right approach, please reach out to your SAP account executive or your SAP support contact.

#### LINK TO PLANED DOWNTIME CALCULATOR

[https://me.sap.com/readinesscheck/Analysis\('6016521'\)/Downtime](https://me.sap.com/readinesscheck/Analysis('6016521')/Downtime)

## 9.6 Customer Vendor Integration Analysis

Check is not executed

## 10 Next Steps and Further Information

See the following links for relevant SAP S/4HANA resources:

Topic	Description
<a href="#">SAP Value Assurance Services</a>	Quick-start your digital transformation with the SAP Value Assurance Service Packages for SAP S/4HANA.
<a href="#">Transition to SAP S/4HANA</a>	The project roadmap gives you a general overview of an SAP S/4HANA project by phase, workstream, or service. The results are presented as activities, deliverables, and tasks and are enriched with corresponding whitepapers and SAP Notes.
<a href="#">SAP S/4HANA Trial</a>	Direct link to the SAP S/4HANA trial where you can explore SAP S/4HANA, our next generation ERP suite, with a 30-day trial utilizing the latest SAP S/4HANA release.
<a href="#">SAP S/4HANA Community</a>	Ask questions, share experiences, and build your knowledge of SAP's next generation business suite.
<a href="#">SAP Innovative Business Solutions</a>	When your vision requires innovations which go beyond SAP standard software capabilities, we offer services to discover, design, develop and deploy SAP based developments. Those are like standard but just for you. Optionally even with support.

**LINK TO THE LIST OF NEXT STEPS AND FURTHER INFORMATION**<https://me.sap.com/readinesscheck>