

# **SAP Readiness Check for SAP S/4HANA**

**Covering SAP S/4HANA 1709**

<b>Customer Name</b>	<b>Limited</b>
<b>Customer Number</b>	<b>000</b>
<b>System ID</b>	<b>01</b>
<b>Date of Analysis</b>	<b>01/01/2001</b>
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# Contents

<b>1 Introduction.....</b>	<b>2</b>
1.1 General Introduction .....	2
1.2 Scope of This Document.....	3
1.3 Disclaimers .....	4
1.4 Analysis Scope .....	4
1.5 Execution Summary.....	4
<b>2 Minimum System and Landscape Requirements for a System Conversion to SAP S/4HANA.....</b>	<b>5</b>
2.1 Add-On Compatibility .....	5
2.2 Active Business Functions .....	6
2.3 Recommended Additional Checks.....	7
<b>3 Required Solution Adjustments for a System Conversion to SAP S/4HANA.....</b>	<b>7</b>
3.1 SAP S/4HANA Simplification Items .....	7
3.1.1 Relevant Simplification Items .....	8
3.1.2 Simplification Items with Relevance to be Checked .....	14
3.1.3 Relevant Non-Strategic Simplification Items.....	15
3.1.4 Non-Strategic Simplification Items with Relevance to be Checked .....	17
3.2 Recommended Additional Checks.....	18
<b>4 Required Custom Code Adjustments for a System Conversion to SAP S/4HANA.....</b>	<b>18</b>
4.1 Custom Code.....	18
4.2 Recommended Additional Checks.....	21
<b>5 Required SAP HANA Hardware Size.....</b>	<b>23</b>
5.1 SAP HANA Sizing.....	23
5.2 Additional Information .....	26
<b>6 Additional Information for a System Conversion to SAP S/4HANA.....</b>	<b>27</b>
6.1 Recommended SAP Fiori Applications for SAP S/4HANA.....	27
6.2 Business Process Analytics .....	30
6.3 SAP Custom Development Projects .....	31
<b>7 Next Steps and Further Information .....</b>	<b>32</b>

## 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\\_ONPREMISE](https://help.sap.com/viewer/p/SAP_S4HANA_ONPREMISE). 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/HANA

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

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

- SAP Custom Development projects
- SAP HANA sizing
- SAP Business Process Analytics

## 1.3 Disclaimers

SAP does not guarantee the completeness of SAP Readiness Check for SAP S/4HANA. The readiness check is designed as a first check in system conversion planning.

The simplification list for SAP S/4HANA and its related restrictions continue to evolve, meaning some restrictions may be temporary. Also, a customer may expand the solution. The readiness check's results reflect a specific point in time for the system in scope.

While a customer might not use some installed functions, the SAP Readiness Check for SAP S/4HANA does not in every case differentiate between used and installed components. SAP recommends that customers carefully read the simplification list's introduction on [https://help.sap.com/viewer/p/SAP\\_S4HANA\\_ON-PREMISE](https://help.sap.com/viewer/p/SAP_S4HANA_ON-PREMISE). The introduction contains important information on how to interpret the simplification items.

SAP also recommends that customers always check the latest release restriction notes which might contain additional restrictions not maintained in the simplification list.

SAP Readiness Check for SAP S/4HANA's custom code analysis identifies mandatory change areas due to the simplified application architecture of SAP S/4HANA. 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.

## 1.4 Analysis Scope

SID of System of Analysis	Date of Analysis
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### SAP S/4HANA: TARGET PRODUCT VERSION

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

### CURRENT DATABASE

SID	Database System	DB ID
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### OPERATING SYSTEM / SAP KERNEL

SID	Operating System	OS Version	SAP Kernel Release
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## 1.5 Execution Summary

The S/4 HANA Readiness Check was performed for the TFP system. We recommend you to review the Readiness Check [here](#).

During the session, we have checked TFP system for Add-On Compatibility and found compatible version exist for the S/4 HANA 1709. Please review section 2.1 for more details. We also reviewed Active Business Functions in your current system and found that all active business functions are compatible to S/4 HANA

1709. Kindly review section 2.2 for more details. We also recommend you to review and implement Recommended Additional checks to meet minimum system and landscape requirements for a system conversion.

We also checked TFP system for required solution adjustments for a system conversion to SAP S/4 HANA. In section 3.1 we have provided list of Simplification Items which are further divided based on category like Relevant Simplification Items, Simplification Items with Relevance to be Checked, Relevant Non-Strategic Simplification Items and Non-Strategic Simplification Items with relevance to be checked. We recommend you to review and perform the additional checks recommended in section 3.2.

We reviewed TFP system for required Custom Code Adjustments for a System Conversion to SAP S/4 HANA. We recommend you to review recommendations for Custom Code provided in section 4.1, we also recommend you to review this section in Custom Code Analysis section of dashboard. We recommend you to review and perform the additional checks recommended in section 4.2.

HANA Sizing checks were also performed on current DB in TFP system, we recommend you to review SAP HANA Sizing Results provided in section 4.1. These results help you in deciding appropriate hardware configuration for HANA DB hosts.

We also found various business process which can be migrated to Fiori Apps, we recommend you to review section 6.1 and to review dashboard for more details on the processes identified. We also recommend you to review section 6.2 for more details on Business Process Analytics which elaborate on transactional backlog such as open documents overdue for processing. Old backlog documents should be closed for system archiving. Otherwise, backlog documents are subject to migration and memory consumption in the new SAP S/4HANA environment

We recommend you to review section 7 for more details on Next Steps and Further Information.

## 2 Minimum System and Landscape Requirements for a System Conversion 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

#### OVERVIEW BY STATUS

Status	Number of Add-Ons
Compatible Version Exists	1

#### SAP ADD-ONS ARE NOT (YET) SUPPORTED FOR SAP S/4HANA

None

#### SOFTWARE COMPONENT VERSIONS NOT ASSIGNED TO ANY INSTALLED PRODUCT VERSION

None

#### 3<sup>RD</sup> PARTY ADD-ONS

None

For 3rd party add-ons, please contact the vendor directly to confirm that the respective add-on is released for SAP S/4HANA in its current version or in a successor version.  
If an add-on is no longer required, please check with the vendor if a package for uninstalling the add-on is available.

The following SAP Notes contain more information on SAP and 3rd party add-ons for SAP S/4HANA.

SAP Note	Description
<a href="#">2214409</a>	SAP S/4HANA: Compatible Add-ons

There may be licensing implications regarding the upgrade of an add-on to a compatible SAP S/4HANA version of the add-on. Please check with SAP and the respective vendors of the 3<sup>rd</sup> party add-ons for potential license implications when converting to SAP S/4HANA.

#### LINK TO THE COMPLETE LIST OF ADD-ONS

[https://launchpad.support.sap.com/#/readiness/TransactionSet\('8987490000003082'\)/ObjectPage/section/addon](https://launchpad.support.sap.com/#/readiness/TransactionSet('8987490000003082')/ObjectPage/section/addon)

## 2.2 Active Business Functions

#### OVERVIEW BY STATUS

Status	Number of Business Function
Compatible	3

**BUSINESS FUNCITONS ARE NOT (YET) SUPPORTED FOR SAP S/4HANA** There are no incompatible business functions.

The following SAP Notes contain more information on Business Functions and SAP S/4HANA:

SAP Note	Description
<a href="#">2240359</a>	SAP S/4HANA: Always-Off Business Functions
<a href="#">2240360</a>	SAP S/4HANA: Always-On Business Functions

<a href="#">2333141</a>	SAP S/4HANA 1610: Restriction Note
<a href="#">2491467</a>	SAP S/4HANA 1709: Restriction Note

#### LINK TO THE COMPLETE LIST OF ACTIVE BUSINESS FUNCTIONS

[https://launchpad.support.sap.com/#/readiness/TransactionSet\('8987490000003082'\)/ObjectPage/section/businessfunction](https://launchpad.support.sap.com/#/readiness/TransactionSet('8987490000003082')/ObjectPage/section/businessfunction)

## 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="#">2500467</a>	SAP S/4HANA OP1709, Globalization & Country Versions: Release Information & Restriction Note
<a href="#">2495662</a>	SAP S/4HANA 1709: Process Integration with SAP on-premise Solutions
<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 1709 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	508
Check performed, item is not relevant. No follow-up activity necessary.	422
Check performed, item is relevant (excludes "non strategic items"). Check business impact note.	56
Relevance cannot be automatically determined. (excludes "non strategic items"). Check business impact note.	10
Check performed, "non strategic" item is relevant. Check business impact note.	17
Relevance for "non strategic" item cannot be automatically determined. Check business impact note.	3

### 3.1.1 Relevant Simplification Items

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

#### RELEVANT SIMPLIFICATION ITEMS

Application Area	Title	Category	SAP Note Number	Relevance
Cross Topics	<b>S4TWL - BI Extractors in SAP S/4HANA</b> SI18: CT_BW_EXTRACTORS	Functionality unavailable (equivalent exists)	<a href="#">2500202</a>	Item is relevant. DB table 'ROOSOURCE' based check. Relevant criteria is '>0 ' and number found is 1 .
Cross Topics	<b>S4TWL - JOB SCHEDULING</b> SI8:CROSS_BC_CCM-BTC	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 .
Financials - Asset Accounting	<b>S4TWL - ASSET ACCOUNTING</b> SI2_FIN_AA	Change of existing functionality	<a href="#">2270388</a>	Item is relevant. DB table 'ANEK' based check. Relevant criteria is '>1 ' and number found is 2 .

Application Area	Title	Category	SAP Note Number	Relevance
Financials - Asset Accounting	<b>S4TWL - DATA STRUCTURE CHANGES IN ASSET ACCOUNTING</b> SI1: FIN_AA	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 .



Financials - Controlling	<b>S4TWL - COST ELEMENTS</b> SI7: FIN_CO	Functionality unavailable (equivalent exists)	<a href="#">2270419</a>	Item is relevant. DB table 'CSKA' based check. Relevant criteria is '>1 ' and number found is 2 .
Financials - Controlling	<b>S4TWL - Profitability Analysis</b> SI9: FIN_CO	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 .
Financials - Controlling	<b>S4TWL - Summarization Hierarchies in Controlling</b> SI11: FIN_CO	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 .
Financials - Controlling	<b>S4TWL - TECHNICAL CHANGES IN CONTROLLING</b> SI1: FIN_CO	Change of existing functionality	<a href="#">2270404</a>	Item is relevant. DB table 'COEP' based check. Relevant criteria is '>100 ' and number found is 101 .
Financials - General	<b>S4TWL - DATA MODEL CHANGES IN FIN</b> SI1_FIN_General	Change of existing functionality	<a href="#">2270333</a>	Item is relevant. DB table 'BSEG' based check. Relevant criteria is '>100 ' and number found is 101 .
Financials - General	<b>S4TWL - REPLACED TRANSACTION CODES AND PROGRAMS IN FIN</b> SI2_FIN_General	Functionality unavailable (equivalent exists)	<a href="#">2270335</a>	Item is relevant. DB table 'COEP' based check. Relevant criteria is '>0 ' and number found is 1 .
Financials - General Ledger	<b>S4TWL - Currencies in Universal Journal</b> SI6_FIN_GL	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 .
Financials - General Ledger	<b>S4TWL - GENERAL LEDGER</b> SI1_FIN_GL	Change of existing functionality	<a href="#">2270339</a>	Item is relevant. DB table 'BSEG' based check. Relevant criteria is '>0 ' and number found is 1 .
Financials - International Trade	<b>S4TWL - Determination of default values in Intrastat reporting</b> SI3: FIN_SLL_ISR_DV	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 .

Application Area	Title	Category	SAP Note Number	Relevance
Financials - Miscellaneous	<b>S4TWL - Conversion to S/4HANA Material Ledger and Actual Costing</b> SI6: FIN_MISC_ML	Change of existing functionality	<a href="#">2352383</a>	Item is relevant. DB table 'T001K' based check. Relevant criteria is '>=1 ' and number found is 2 .
Financials - Miscellaneous	<b>S4TWL - Credit Management</b> SI1: FIN_MISC_CR	Functionality unavailable (equivalent exists)	<a href="#">2270544</a>	Item is relevant. DB table 'T014' based check. Relevant criteria is '>0 ' and number found is 1 .
Financials - Miscellaneous	<b>S4TWL - SAP Data Aging for SAP S/4HANA Finance</b> SI4: FIN_MISC_ARCH	Change of existing functionality	<a href="#">2170722</a>	Item is relevant. DB table 'BSEG' based check. Relevant criteria is '>1000000 ' and number found is 1000001 .
Globalization Logistics	<b>S4TWL - Globalization – Logistics</b> SI1_GSLOG	Functionality unavailable (equivalent exists)	<a href="#">2270312</a>	Item is relevant. DB table 'VARID' based check. Relevant criteria is '>0 ' and number found is 1 .
Human Resources	<b>S4TWL - Java-Based ESS and MSS</b> SI5: HR_JAVA_ESS_MSS	Functionality unavailable (equivalent exists)	<a href="#">2383879</a>	Item is relevant. DB table 'HRP1000' based check. Relevant criteria is '>0 ' and number found is 1 .
Industry DIMP - High Tech	<b>S4TWL - Contract Management Enhancements</b> SI3_IS_DIMP_HT	Functionality unavailable (no equivalent)	<a href="#">2270850</a>	Item is relevant. DB table 'TVAKZ' based check. Relevant criteria is '>0 ' and number found is 1 .
Industry Public Sector	<b>S4TWL - Former Budgeting System (FBS) in Funds Management</b> SI1: Public Sector_PSM-FM - FBS	Functionality unavailable (equivalent exists)	<a href="#">2270413</a>	Item is relevant. Business function EAPS is active
Industry Public Sector	<b>S4TWL - Functionality Average Daily Balancebased Distribution</b> SI9: Public Sector_PSM-FA	Functionality unavailable (no equivalent)	<a href="#">2270466</a>	Item is relevant. Business function EAPS is active
Industry Public Sector	<b>S4TWL - Specific fields on Business Partner</b> SI4: Public Sector_PSM-FG - BP	Change of existing functionality	<a href="#">2270420</a>	Item is relevant. Business function EAPS is active

Logistics - ATP	<b>S4TWL - New advanced ATP in SAP S/4HANA – Table VBBS</b> SI1: Logistics_ATP	Functionality unavailable (equivalent exists)	<a href="#">2267745</a>	Item is relevant. DB table 'VBBS' based check. Relevant criteria is '>0 ' and number found is 1 .
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Application Area	Title	Category	SAP Note Number	Relevance
Logistics - Environment, Health & Safety (EHS)	<b>S4TWL - Specification Workbench Adjustments</b> SI14: Logistics_PSS	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 .
Logistics - MM-IM	<b>S4TWL - AVAILABILITY OF TRANSACTIONS IN MM-IM</b> SI2: Logistics_MM-IM	Functionality unavailable (equivalent exists)	<a href="#">2210569</a>	Item is relevant. Transaction ' MB11 '. Relevant criteria is '>0 ' and number found is 529 .
Logistics - MM-IM	<b>S4TWL - DATA MODEL IN INVENTORY MANAGEMENT (MM-IM)</b> SI1: Logistics_MM-IM	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 .
Logistics - MM-IM	<b>S4TWL - Goods movements without exclusive locking by material valuation</b> SI7: Logistics_MM-IM	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 .
Logistics - MM-IM	<b>S4TWL - Material Ledger Obligatory for Material Valuation</b> SI3: Logistics_MM-IM	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 .
Logistics - MM-IM	<b>S4TWL - Material Valuation - Statistical moving average price</b> SI4: Logistics_MM-IM	Functionality unavailable (no equivalent)	<a href="#">2267835</a>	Item is relevant. DB table 'MBEW' based check. Relevant criteria is '>0 ' and number found is 1 .
Logistics - PLM	<b>S4TWL - Classification</b> SI14: Logistics - PLM	Change of existing functionality	<a href="#">2267878</a>	Item is relevant. Transaction ' CT04 '. Relevant criteria is '>0 ' and number found is 131 .
Logistics - PLM	<b>S4TWL - Engineering Client Viewer (ECL)</b> SI8: Logistics - PLM	Functionality unavailable (no equivalent)	<a href="#">2267864</a>	Item is relevant. Transaction ' CV01N '. Relevant criteria is '>0 ' and number found is 102 .

Logistics - PLM	<b>S4TWL - Variant Configuration</b> SI13: Logistics - PLM	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 .
Logistics - PM	<b>S4TWL - Enterprise Search in EAM</b> SI8: Logistics	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 .

Application Area	Title	Category	SAP Note Number	Relevance
Logistics - PM	<b>S4TWL - SAP Graphics in EAM Transactions</b> SI9: Logistics_PM	Change of existing functionality	<a href="#">2482659</a>	Item is relevant. Transaction ' IW29 '. Relevant criteria is '>0 ' and number found is 68 .
Logistics - PP	<b>S4TWL - PP-MRP - Subcontracting</b> SI1: Logistics_PP-MRP	Change of existing functionality	<a href="#">2268044</a>	Item is relevant. DB table 'RESB' based check. Relevant criteria is '>1 ' and number found is 2 .
Logistics - PP	<b>S4TWL - Planning File</b> SI12: Logistics_PP	Change of existing functionality	<a href="#">2268088</a>	Item is relevant. Transaction ' MD01 '. Relevant criteria is '>0 ' and number found is 8 .
Logistics - PP	<b>S4TWL - Planning Horizon</b> SI35: Logistics_PP	Functionality unavailable (no equivalent)	<a href="#">2270241</a>	Item is relevant. Transaction ' MD01 '. Relevant criteria is '>5 ' and number found is 8 .
Logistics - PP	<b>S4TWL - Simplified Sourcing</b> SI7: Logistics_PP	Change of existing functionality	<a href="#">2268069</a>	Item is relevant. Transaction ' MD01 '. Relevant criteria is '>0 ' and number found is 8 .
Logistics - PP	<b>S4TWL - Storage Location MRP</b> SI2: Logistics_PP-MRP	Functionality unavailable (equivalent exists)	<a href="#">2268045</a>	Item is relevant. Transaction ' MD01 '. Relevant criteria is '>0 ' and number found is 8 .
Master Data	<b>S4TWL - Batch Input for Customer Master/Supplier Master</b> SI25: MasterData_BP	Functionality unavailable (equivalent exists)	<a href="#">2492904</a>	Item is relevant. DB table 'KNA1' based check. Relevant criteria is '>0 ' and number found is 1 .
Master Data	<b>S4TWL - Business Partner Approach</b> SI2: MasterData_BP	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 .

Master Data	<b>S4TWL - Foreign Trade fields in Material Master</b> SI6: MasterData_PM	Functionality unavailable (equivalent exists)	<a href="#">2267225</a>	Item is relevant. DB table 'MARC' based check. Relevant criteria is '>0 ' and number found is 1 .
Master Data	<b>S4TWL - Material Number Field Length Extension</b> SI4: MasterData_PM	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 .
Master Data	<b>S4TWL - Material Type SERV</b> SI8: MasterData_PM	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 .

Application Area	Title	Category	SAP Note Number	Relevance
Master Data	<b>S4TWL - Simplification of copy/reference handling</b> SI5: MasterData_PM	Change of existing functionality	<a href="#">2330063</a>	Item is relevant. DB table 'MARA' based check. Relevant criteria is '>0 ' and number found is 1 .
Master Data	<b>S4TWL - Simplified Product Master Tables Related to OMSR Transaction</b> SI3: MasterData_PM	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 .
Procurement	<b>S4TWL - Authority Concept for Supplier Invoice</b> SI14: PROC_MM_IV_AUTH	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 .
Procurement	<b>S4TWL - Classic MM-PUR GUI Transactions replacement</b> SI11: PROC_MM_DYN	Functionality unavailable (equivalent exists)	<a href="#">2267449</a>	Item is relevant. Transaction ' ME21 '. Relevant criteria is '>0 ' and number found is 7760 .
Procurement	<b>S4TWL - Output Management Adoption in Purchase Order</b> SI9: PROC_MM_OUTPUT	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 .
Procurement	<b>S4TWL - Pricing Data Model Simplification</b> SI8: PROC_MM_PRICING	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 .

Sales & Distribution	<b>S4TWL - Billing Document Output Management</b> SI14: SD_BILLING_OM	Functionality unavailable (equivalent exists)	<a href="#">2267376</a>	Item is relevant. DB table 'VBRK' based check. Relevant criteria is '>0 ' and number found is 1 .
Sales & Distribution	<b>S4TWL - Credit Management</b> SI4: SD_CM	Functionality unavailable (equivalent exists)	<a href="#">2270544</a>	Item is relevant. DB table 'T014' based check. Relevant criteria is '>0 ' and number found is 1 .
Sales & Distribution	<b>S4TWL - Data Model Changes in SD Pricing</b> SI2: SD_PRIC	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 .
Sales & Distribution	<b>S4TWL - Foreign Trade</b> SI3: SD_FT	Functionality unavailable (equivalent exists)	<a href="#">2267310</a>	Item is relevant. DB table 'AKKP' based check. Relevant criteria is '>0 ' and number found is 1 .
<b>Application Area</b>	<b>Title</b>	<b>Category</b>	<b>SAP Note Number</b>	<b>Relevance</b>
Sales & Distribution	<b>S4TWL - SD Simplified Data Models</b> SI1: SD_GENERAL	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 .
Sales & Distribution	<b>S4TWL -Miscellaneous minor functionalities in SD Area</b> SI16: SD_Miscellaneous minor deprecations in SD Area	Functionality unavailable (equivalent exists)	<a href="#">2267395</a>	Item is relevant. DB table 'LIKP' 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

Application Area	Title	Category	SAP Note Number	Relevance
Cross Topics	<b>S4TWL - Changed Interfaces</b> SI15: CT_Integration	Change of existing functionality	<a href="#">2259818</a>	Relevance cannot be determined. Run manual check.

Cross Topics	<b>S4TWL - FIORI APPLICATIONS FOR SUITE ON HANA ON-PREMISE</b> SI10: CT_FIORI	Change of existing functionality	<a href="#">2288828</a>	Relevance cannot be determined. Run manual check.
Customer Service	<b>S4TWL - PH_Sample iView</b> SI18: Logistics - PLM	Functionality unavailable (no equivalent)	<a href="#">2271201</a>	Relevance cannot be determined. Run manual check.
Globalization Financials	<b>S4TWL - Globalization – Financials</b> SI1_GSFIN	Functionality unavailable (equivalent exists)	<a href="#">2270311</a>	Relevance cannot be determined. Run manual check.
Logistics - PLM	<b>S4TWL - Enterprise Search in SAP Product Lifecycle Management (SAP PLM)</b> SI1: Logistics_PLM	Change of existing functionality	<a href="#">2267836</a>	Relevance cannot be determined. Run manual check.
Master Data	<b>S4TWL - MRP fields in Material Master</b> SI7:MasterData_PM	Functionality unavailable (no equivalent)	<a href="#">2267246</a>	CLS4SIC_LO_MD_MM_MRP not found; check the implementation status of SAP Note 0002568861
<b>Application Area</b>	<b>Title</b>	<b>Category</b>	<b>SAP Note Number</b>	<b>Relevance</b>
Procurement	<b>S4TWL - MDM Catalog</b> SI7: PROC_MDM	Functionality unavailable (equivalent exists)	<a href="#">2271184</a>	Relevance cannot be determined. Run manual check.
Sales & Distribution	<b>S4TWL - Business Role Internal Sales Representative</b> SI10: SD_ROLES	Functionality unavailable (equivalent exists)	<a href="#">2271150</a>	Relevance cannot be determined. Run manual check.
Sales & Distribution	<b>S4TWL - Optimization of SD Rebate Processing for TPM Customers</b> SI6: SD_REBATES	Change of existing functionality	<a href="#">2267344</a>	Relevance cannot be determined. Run manual check.
Sales & Distribution	<b>S4TWL - Webshops by Internet Sales or Web Channel Experience Management</b> SI11: SD_IS	Functionality unavailable (equivalent exists)	<a href="#">2271161</a>	Relevance cannot be determined. Run manual check.

### 3.1.3 Relevant Non-Strategic Simplification Items

The following table lists non-strategic simplification items that have been checked and are relevant for your SAP S/4HANA system conversion:

**RELEVANT NON-STRATEGIC SIMPLIFICATION ITEMS**

Application Area	Title	Category	SAP Note Number	Relevance
Cross Topics	<b>S4TWL - LEGACY SYSTEM MIGRATION WORKBENCH</b> SI9: CT_LSMW	Non-strategicfunction (equivalent exists)	<a href="#">2287723</a>	Item is relevant. DB table 'CVERS' based check. Relevant criteria is '>0' and number found is 1 .
Cross Topics	<b>S4TWL - OUTPUT MANAGEMENT</b> SI4: CT_OM	Non-strategicfunction (equivalent exists)	<a href="#">2470711</a>	Item is relevant. DB table 'CVERS' based check. Relevant criteria is '>0' and number found is 1 .
Financials - Controlling	<b>S4TWL - PROFIT AND LOSS PLANNING AND PROFIT CENTER PLANNING</b> SI2_FIN_CO	Non-strategicfunction (equivalent exists)	<a href="#">2270407</a>	Item is relevant. DB table 'COSP' based check. Relevant criteria is '>0' and number found is 1 .
Human Resources	<b>S4TWL - General HCM Approach within SAP S/4HANA</b> SI1: HR_OP	Non-strategicfunction (equivalent exists)	<a href="#">2273108</a>	Item is relevant. DB table 'HRP1000' based check. Relevant criteria is '>0' and number found is 1 .

Application Area	Title	Category	SAP Note Number	Relevance
Logistics - PLM	<b>S4TWL - Easy Document Management (Easy DMS)</b> SI9: Logistics - PLM	Non-strategicfunction (no equivalent yet)	<a href="#">2267866</a>	Item is relevant. Transaction ' CV01N '. Relevant criteria is '>0' and number found is 102 .
Logistics - PLM	<b>S4TWL - Engineering Workbench</b> SI21: Logistics - PLM	Non-strategicfunction (equivalent exists)	<a href="#">2267943</a>	Item is relevant. Transaction ' CEWB '. Relevant criteria is '>0' and number found is 1286 .
Logistics - PM	<b>S4TWL - Batch Input for Enterprise Asset Management (EAM)</b> SI5: Logistics_PM	Non-strategicfunction (no equivalent yet)	<a href="#">2270107</a>	Item is relevant. DB table 'EQUI' based check. Relevant criteria is '>0' and number found is 1 .
Logistics - PM	<b>S4TWL - Change Order and Operations IW37,IW49</b> SI6: Logistics_PM	Non-strategicfunction (equivalent exists)	<a href="#">2270108</a>	Item is relevant. DB table 'AFIH' based check. Relevant criteria is '>0' and number found is 1 .
Logistics - PM	<b>S4TWL - Download Data in MS Access out of List</b> SI2: Logistics_PM	Non-strategicfunction (equivalent exists)	<a href="#">2270076</a>	Item is relevant. DB table 'EQUI' based check. Relevant criteria is '>0' and number found is 1 .



Logistics - PM	<b>S4TWL - LIS in EAM</b> SI1: Logistics_PM	Non-strategicfunction (no equivalent yet)	<a href="#">2267463</a>	Item is relevant. DB table 'EQUI' based check. Relevant criteria is '>0 ' and number found is 1 .
Logistics - PM	<b>S4TWL - Scheduling of Maintenance Plan</b> SI3: Logistics_PM	Non-strategicfunction (no equivalent yet)	<a href="#">2270078</a>	Item is relevant. DB table 'MPLA' based check. Relevant criteria is '>0 ' and number found is 1 .
Logistics - PP	<b>S4TWL - Batch History</b> SI36: Logistics_PP	Non-strategicfunction (equivalent exists)	<a href="#">2270242</a>	Item is relevant. DB table 'MCHA' based check. Relevant criteria is '>0 ' and number found is 1 .
Logistics - PP	<b>S4TWL - Electronic Records</b> SI21: Logistics_PP	Non-strategicfunction (equivalent exists)	<a href="#">2268131</a>	Item is relevant. Transaction ' AUT10 '. Relevant criteria is '>0 ' and number found is 63 .
Logistics - PP	<b>S4TWL - MRP in HANA</b> SI11: Logistics_PP	Non-strategicfunction (equivalent exists)	<a href="#">2268085</a>	Item is relevant. Transaction ' MD01 '. Relevant criteria is '>1 ' and number found is 8 .
<b>Application Area</b>	<b>Title</b>	<b>Category</b>	<b>SAP Note Number</b>	<b>Relevance</b>
Logistics - WM	<b>S4TWL - Warehouse Management (WM)</b> SI1: Logistics_WM	Non-strategicfunction (equivalent exists)	<a href="#">2270211</a>	Item is relevant. DB table 'LTAP' based check. Relevant criteria is '>0 ' and number found is 1 .
Procurement	<b>S4TWL - RFQ Simplified Transaction</b> SI18: PROC_RFQ Simplified Transaction	Non-strategicfunction (no equivalent yet)	<a href="#">2332710</a>	Item is relevant. DB table 'EKKO' based check. Relevant criteria is '>20 ' and number found is 21 .
Procurement	<b>S4TWL - Vendor evaluation based on LIS</b> SI3: PROC_LIS	Non-strategicfunction (equivalent exists)	<a href="#">2267414</a>	Item is relevant. DB table 'S013' based check. Relevant criteria is '>0 ' and number found is 1 .

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

The following non-strategic simplification items 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

Application Area	Title	Category	SAP Note Number	Relevance
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Cross Topics	<b>S4TWL - Custom Fields</b> SI13: CT_Custom-Fields	Non-strategicfunction (no equivalent yet)	<a href="#">2320132</a>	Relevance cannot be determined. Run manual check.
Cross Topics	<b>S4TWL - Side Panel functionality in SAP S/4HANA (on-premise)</b> SI14: CT_SIDE_PANELS	Non-strategicfunction (no equivalent yet)	<a href="#">2340424</a>	Relevance cannot be determined. Run manual check.
Sales & Distribution	<b>S4TWL - Simplification in SD Analytics</b> SI7: SD_ANA	Non-strategicfunction (equivalent exists)	<a href="#">2267348</a>	Relevance cannot be determined. Run manual check.

#### LINK TO THE LIST OF RELEVANT SIMPLIFICATION ITEMS

[https://launchpad.support.sap.com/#/readiness/TransactionSet\('8987490000003082'\)/ObjectPage/section/simplification](https://launchpad.support.sap.com/#/readiness/TransactionSet('8987490000003082')/ObjectPage/section/simplification)

## 3.2 Recommended Additional Checks

SAP provides customers a limited usage right to run certain classic SAP ERP solutions on SAP S/4HANA installations. The usage right for these solutions currently expires on December 31, 2025.

Please read the following SAP Note carefully:

SAP Note	Description
<a href="#">2269324</a>	Compatibility Scope Matrix for SAP S/4HANA on-premise

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

Custom Code checks have been performed in system TFP.

### 4.1 Custom Code

In general, the following changes and respective custom code adjustments are required in a system conversion project to SAP S/4HANA:

- Adjusting the custom code to the simplified data model and simplification list in SAP S/4HANA
- Re-applying modification using SPDD, SPAU – due to software update
- Mandatory changes for SAP HANA – if system is not on SAP HANA already
- Making the custom code Unicode compliant – if the system is not yet on Unicode
- Optimizing performance of custom code

The custom code part of SAP Readiness Check for SAP S/4HANA focuses on identifying areas of mandatory changes, which are required due to the simplified application architecture of SAP S/4HANA (first point in the list above).

The analysis does not contain a list of adaptations necessary to support the other required changes mentioned above.

The following customer namespaces are considered by the custom code checks in SAP Readiness Check for SAP S/4HANA:

## ANALYZED CUSTOMER NAMESPACES

Customer Namespaces
/OCUST/

\* /OCUST/ represents Y\* and Z\* namespaces

## CUSTOM CODE OVERVIEW

Item	Number of Objects	Remark
Total SAP Notes	220	
Relevant SAP Notes	36	
Non-Relevant SAP Notes	184	
Total Custom Code Objects	11447	
Total Modifications	336	The number represent the technical modification stored in the DB table SMODILOG (= log)

## SIMPLIFICATION ITEMS AFFECTING CUSTOM CODE

SAP Note Number	Custom Code Topic	Estimated Impact
<a href="#">144081</a>	Replacing MR01/functions of MR1M (Release 4.6)	Low
<a href="#">1804812</a>	MB transactions: Limited maintenance/decommissioning	Low
<a href="#">1976487</a>	Information about adjusting customer-specific programs to the simplified data model in SAP Simple Finance	Medium
<a href="#">2198031</a>	S4TC EA-GLTRADE - DB Field Changes within Global Trade Management	Low
<a href="#">2198035</a>	S4TC EA-GLTRADE - Checks for Condition Contract DB Key Field Changes	Low

SAP Note Number	Custom Code Topic	Estimated Impact
<a href="#">2198647</a>	S/4 HANA: Data Model Changes in SD	Medium
<a href="#">2206980</a>	Material Inventory Management: change of data model in S/4HANA	High
<a href="#">2209696</a>	ATP Transition to S/4	Low
<a href="#">2214585</a>	Sales support not available	Low
<a href="#">2215424</a>	Material Number Field Length Extension - General Information	Medium
<a href="#">2217124</a>	S/4 HANA: Credit Management Changes in SD	Low
<a href="#">2220005</a>	S/4 HANA: Data Model Changes in Pricing and Condition Technique	Medium
<a href="#">2223144</a>	S/4 HANA - Foreign Trade in SD/MM	Low

<a href="#">2226129</a>	SAP S/4 HANA Simplification Item: Change of Data Structures in Budget Control System	Low
<a href="#">2226131</a>	SAP S/4 HANA Simplification Item: Public Sector specific fields in Business Partner	Low
<a href="#">2227532</a>	SAP S/4HANA Simplification Item: Logistics_PP-MRP - Subcontracting	Low
<a href="#">2227579</a>	SAP S/4HANA Simplification Item: Logistics_PP-MRP - Storage Location MRP	Low
<a href="#">2228056</a>	SAP S/4HANA - Simplification Item SI9: SD_ODP - Operational Data Provisioning	Low
<a href="#">2228220</a>	SAP S/4HANA Simplification: DIMP Automotive - Cross-system transit between two plants	Low
<a href="#">2268085</a>	S4TWL - MRP in HANA	Low
<a href="#">2270335</a>	S4TWL - Replaced Transaction Codes and Programs in FIN	Low
<a href="#">2270387</a>	S4TWL - Asset Accounting: Changes to Data Structure	Low
<a href="#">2296016</a>	SAP S/4 HANA custom code adaption - removal of orphaned objects	Low
<a href="#">2320132</a>	S4TWL - Custom Fields	High
<a href="#">2337368</a>	Inventory Valuation (part of Materials Management - Inventory Management) : Change of data model in S/4HANA 1610	Medium
<a href="#">2365665</a>	S4TWL- Retail Season Conversion	Low
<a href="#">2368680</a>	S4TWL - Article Hierarchy via transactions MATGRP*	Low
<a href="#">2368870</a>	S4TWL - Retail Labeling	Low
<a href="#">2371631</a>	S4TWL - Retail Additional	Low
<a href="#">2378796</a>	Material classification: Change in data model in SAP S/4HANA 1610	Medium
<a href="#">2389136</a>	sFIN Data Migration for G/L Accounts and Cost Elements & ALE - Technical Information	Low
<a href="#">2431747</a>	General Ledger: Incompatible changes in S/4HANA compared to classic ERP releases	High
<a href="#">2438006</a>	Material Number Field Length Extension: Code Adaptions for compatibly enhanced local function modules	Low
<b>SAP Note Number</b>	<b>Custom Code Topic</b>	<b>Estimated Impact</b>
<a href="#">2438110</a>	Material Number Field Length Extension: Code Adaptions for usages of RFC enabled function modules	Medium
<a href="#">2438131</a>	Material Number Field Length Extension: Code Adaptions for usages of released RFCs and BAPIs	Medium

<a href="#">2470721</a>	S/4HANA: Indirect Relationships in SD Document Flow Table VBFA	Medium
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We highly recommend you to review the below link to complete custom Code list, after clicking on the line item it also lists the packages to be reviewed against the Custom code Topic.

**LINK TO THE COMPLETE LIST OF CUSTOM CODE**

[https://launchpad.support.sap.com/#/readiness/TransactionSet\('8987490000003082'\)/ObjectPage/section/customcode](https://launchpad.support.sap.com/#/readiness/TransactionSet('8987490000003082')/ObjectPage/section/customcode)

## 4.2 Recommended Additional Checks

The results of SAP Readiness Check for SAP S/4HANA provide first insights into areas of custom code that can be affected by the system conversion to SAP S/4HANA.

To get a proper evaluation of the mandatory custom code changes necessary for the conversion to SAP S/4HANA, we recommend to use the ABAP Test Cockpit / SAP Code Inspector. This check is not included in SAP Readiness Check for SAP S/4HANA.

We recommend to run the following checks:

- Run ABAP Test Cockpit / SAP Code Inspector check variant FUNCTIONAL\_DB to determine the impact of the change of the database to SAP HANA – if the system is not yet on SAP HANA.
- Run ABAP Test Cockpit / SAP Code Inspector check variant S4HANA\_READINESS on an SAP NW 7.51 system to determine the impact of simplifications in S/4HANA. The SAP NetWeaver system can be a different system with remote connection to the respective SAP ERP system.

For more information see:

Source of Information	Description
<a href="#">Blog on the "Custom code adaption process"</a>	For detailed information on the overall topic, recommended tools and procedures have a look at the blog on the "Custom code adaption process".
SAP Note <a href="#">1912445</a>	ABAP custom code migration for SAP HANA - recommendations and Code Inspector variants for SAP HANA migration
<a href="#">Best Practice Guide</a>	Best Practice Guide - Considerations for Custom ABAP Code During a Migration to SAP HANA
<a href="#">SAP Documentation on Custom Code on help.sap.com</a>	SAP documentation describing the tools that help you with the migration of custom code – for example, if you want to migrate your current database to SAP HANA or convert your SAP Business Suite system to SAP S/4HANA, on-premise edition.

In addition, it is helpful to get more transparency on used custom code vs. unused custom code before the system conversion to SAP S/4HANA in order to focus the adjustment efforts on the used custom code. For details on general custom code lifecycle management, refer to following information:

Link	Topic
<a href="https://blogs.sap.com/2014/12/10/usa_ge-procedure-logging-upl/">https://blogs.sap.com/2014/12/10/usa_ge-procedure-logging-upl/</a>	Usage and Procedure Logging (UPL)
<a href="https://scn.sap.com/docs/DOC-59247">https://scn.sap.com/docs/DOC-59247</a>	Custom Code Lifecycle Management in Solution Manager

<a href="http://scn.sap.com/docs/DOC-60525">http://scn.sap.com/docs/DOC-60525</a>	Decommissioning with Custom Code Lifecycle Management in Solution Manager
<a href="http://scn.sap.com/docs/DOC-70271">http://scn.sap.com/docs/DOC-70271</a>	Modification Analysis
<a href="https://www.sap.com/community/topi c/abap-testing-and-analysis.html">https://www.sap.com/community/topi c/abap-testing-and-analysis.html</a>	ABAP Testing and Analysis Community
<a href="https://wiki.scn.sap.com/wiki/display/SM/SAP+Solution+Manager+WIKI++Custom+Code+Management">https://wiki.scn.sap.com/wiki/display/SM/SAP+Solution+Manager+WIKI++Custom+Code+Management</a>	SAP Solution Manager WIKI – Custom Code Management
<a href="https://blogs.sap.com/2017/04/06/ab ap-call-monitor-scm on-analyzeusage-of-your-code/">https://blogs.sap.com/2017/04/06/ab ap-call-monitor-scm on-analyzeusage-of-your-code/</a>	ABAP Call Monitor (SCMON) – Analyze Usage of your code

## 5 Required SAP HANA Hardware Size

### 5.1 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.

#### GENERAL INFORMATION

General Indicators	Values
Type of Analysed Database	ORACLE
Used Size on Disk	3156 GB
Number of Tables Successfully Analyzed	89187
Number of Tables with Errors	0
Version of Report /SDF/HDB_SIZING	73
SAP Note for SAP HANA Sizing	<a href="#">1872170</a>

#### INITIAL TARGET SIZE

Estimated Memory Requirement	Values in GB
Column Store Data	464
+ Row Store Data	3
+ Changes in Financials Tables and Columns	38
+ Changes in Logistics Tables and Columns	24
<b>= Anticipated Memory Requirement for Initial Data</b>	<b>528</b>
+ Cached Hybrid LOB(20%)	5
+ Workspace	528
+ Fixed Size for Code, Stack and Other Services	50
<b>= Anticipated Initial Memory Requirement for SAP HANA</b>	<b>1112</b>

Estimated Disk Sizing	Values in GB
Column Store Data	464
+ Row Store Data	3
+ Changes in Financials Tables and Columns	38
+ Changes in Logistics Tables and Columns	24
+ Hybrid LOBs	24
+ Space Required for Merges	95
+ Metadata and Statistics	25
<b>= Initial Net Data Size on Disk</b>	<b>673</b>

#### AFTER CLEANUP

Estimated Memory Requirement	Values in GB
Anticipated Memory Requirement for Initial Data	528
- Obsolete Financial Data	142
- Obsolete Logistics Data	19
- Data Aged on Disk	17
<b>= Anticipated Memory Requirement for Data After Cleanup</b>	<b>350</b>
+ Cached Hybrid LOB(20%)	5
+ Cached Data from Aged Partitions(20%)	3
+ Workspace	350
+ Fixed Size for Code, Stack and Other Services	50
<b>= Anticipated Total Memory Requirement for SAP HANA After Cleanup</b>	<b>759</b>

Estimated Disk Sizing	Values in GB
Anticipated Memory Requirement for Data After Cleanup	350
+ Data Aged on Disk	17
+ Hybrid LOBs	24
+ Space Required for Merges	37
+ Metadata and Statistics	25
<b>= Initial Net Data Size on Disk After Cleanup</b>	<b>454</b>



#### CALCULATION DETAILS

Changes in Financials Data	Values in GB
New Financial Tables	32
+ New Columns in Existing Financial Tables	6
<b>= Changes in Financials Tables and Columns</b>	<b>38</b>
Obsolete Tables to Unload	48
+ Tables Moved to Historical Partitions	30
+ Deletion of Obsolete CO Documents	16
<b>= Obsolete Financial Data</b>	<b>142</b>

Changes in Logistics Data	Values in GB
New VBFA Table	1
- Old VBFA Table	2
<b>= Changes in Table VBFA</b>	<b>&lt;1</b>
+ New Logistics Tables	25
<b>= Changes in Logistics Tables and Columns</b>	<b>24</b>
Obsolete Logistics Tables	19
<b>= Obsolete Logistics Data</b>	<b>19</b>

#### UPGRADE SHADOW INSTANCES

Estimated Requirement for Upgrade Shadow Instances	Values in GB
Estimated Size of Tables Cloned to Shadow Instances	17
+ Estimated Corresponding Workspace Requirement	17
<b>= Total Memory Requirement for Shadow Instances</b>	<b>34</b>
Total Disk Requirement for Shadow Instances	33

#### 10 LARGEST TABLES IN COLUMN STORE

Table Name	Data Size in GB	Data Size After Clean-Up in GB	Estimated Record Count
GLPCA	49	0	513.057.975
FAGLFLEXA	39	0	517.634.961
ACCTCR	35	35	942.281.461

ACCTIT	35	35	471.913.262
BSEG	31	31	502.905.095
ACDOCA	31	31	762.945.014
BSIS	27	0	481.160.467
MATDOC	20	20	237.344.187
ZDAILY_STK	20	20	565.226.783
COEP	19	4	307.133.128

#### 5 LARGEST TABLES IN ROW STORE

Table Name	Data Size in GB	Data Size After Clean-Up in GB	Estimated Record Count
ORA_SQLC_DATA	1	1	5.422.041
LTEX	1	1	201.318
ARFCSDATA	<1	<1	117.122
DDFTX	<1	<1	822.998
POWL_RESULT	<1	<1	49.139

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

[https://launchpad.support.sap.com/#/readiness/TransactionSet\('8987490000003082'\)/details/hanasizingDetail](https://launchpad.support.sap.com/#/readiness/TransactionSet('8987490000003082')/details/hanasizingDetail)

## 5.2 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>



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

### 6.1 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.

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

#### 10 MOST RELEVANT SAP FIORI APPS

Name	Role	Description	Relevance
<a href="#">Account Determination</a>	General Ledger Accountant	In SAP S/4HANA, financial accounting (FI) journal entries are triggered by business transactions not only in financial areas, but also in other areas, for example, sales and distribution (SD), and material management (MM). To enable business transactions to trigger FI journal entry posting automatically, you can use this app to configure the system and identify the target accounts for automatic posting. This app provides you with all the settings that are needed for assigning accounts in the following areas: - Material Management (MM) You can make configurations for transactions in inventory management and invoice verification so FI journal entries posted automatically. - Sales and Distribution (SD) You can define how to post FI documents to G/L accounts from SD, by configuring account determination for transactions in revenue, reconciliation, cash, and payment cards. - Financial Accounting (FI) You can define G/L accounts to which you want the system to post exchange rate differences and retained earnings automatically. You can also reclassify the balance of A/P and A/R accounts according to their maturity and assign G/L accounts to bank accounts.	Relevance based on usage of transaction OBYC (C FI Table T030)

<a href="#">Activity Type (S/4HANA)</a>	Controller, Cost Accountant - Overhead	This object page displays contextual information about the Activity Type business object. You can navigate to its related business objects and to related transactional apps, and you can access related transactions in ABAP back-end systems. This app is available for the role Controller.	Relevance based on usage of transaction KL03 (Display Activity Type)
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Name	Role	Description	Relevance
<a href="#">Adjust Stock</a>	Retail Store Associate	Adjust Stock allows you to check the quantity of products in the store inventory and make adjustments for discrepancies due to reasons such as damage or shrinkage.	Relevance based on usage of transaction MB03 (Display Material Document)
<a href="#">Analytical List Page for Technical Object Breakdown Analysis</a>	Others, Maintenance Planner	With this app you can analyze the causes of a particular breakdown more closely and calculate the distribution of duration of the various breakdowns or repairs. You can also find out the cause behind a short or long breakdown period, or the period between two consecutive breakdowns.	Relevance based on usage of transaction MCI7 (PMIS: Breakdown Analysis)
<a href="#">Analyze Delivery Logs</a>	Shipping Specialist	This feature helps you ensure timely and error-free shipment of goods to your customers. You can check the system messages that have been logged during the collective creation run of deliveries. If your attempt to create a delivery is unsuccessful, you can correct the issues that are mentioned in the log and then create a new delivery for the respective sales order using another app.	Relevance based on usage of transaction V_SA (Collective Proc. Analysis (Deliv.))
<a href="#">Analyze Outbound Delivery Logs</a>	Shipping Specialist	With this app you can check the system messages that have been logged during the collective creation run of the outbound deliveries, either with or without success. In case of a failed delivery creation, it is up to you to correct the issues that are mentioned in the log and then try to create a delivery for that sales order again. For each delivery log, you can look up the messages that the system has logged during the creation run. These messages can be related to a sales order, an individual delivery item, or a delivery as a whole. You can also find out the numbers of the deliveries that the system has created. This app is available for the role shipping specialist.	Relevance based on usage of transaction V_SA (Collective Proc. Analysis (Deliv.))

<a href="#">Application Job Templates</a>	Administrator	You can use this app to maintain Application Job Templates	Relevance based on usage of transaction SM36 (Schedule Background Job)
<a href="#">Application Jobs</a>	Administrator	You can use this app to schedule and monitor application-related jobs. If you have manual activities that you often need to do at a specific time, the Application Jobs app can reduce your workload by running these tasks smoothly in the background. You can plan regular jobs which keeps you free to concentrate on other tasks.	Relevance based on usage of transaction SM36 (Schedule Background Job)
Name	Role	Description	Relevance
<a href="#">Asset Master Worklist</a>	Asset Accountant	With this app you can display a worklist of fixed assets and quickly get an overview of the status of all assets in the list. As well as displaying a list according to specific criteria such as company code or asset class, you can quickly refine the list to show, for example, only incomplete assets, capitalized assets, or retired assets.	Relevance based on usage of transaction AS02 (Change Asset Master Record)
<a href="#">Bank (S/4HANA)</a>	Cash Manager	You can use this app to display an overview of the bank data, navigate to additional information relevant in your business context, such as information about related business partners, related master data, or related documents, as well as navigate to apps with additional functions, such as editing or analyzing related business data.	Relevance based on usage of transaction FI01 (Create Bank)

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

[https://launchpad.support.sap.com/#/readiness/TransactionSet\('8987490000003082'\)/ObjectPage/section/fioriapp](https://launchpad.support.sap.com/#/readiness/TransactionSet('8987490000003082')/ObjectPage/section/fioriapp)

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 design guidelines	<a href="https://ux.wdf.sap.corp/fiori-design/">https://ux.wdf.sap.corp/fiori-design/</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>

## 6.2 Business Process Analytics

The result table below shows key figures for the business process improvement for SAP solutions. The figures represent transactional backlog such as open documents overdue for processing. Old backlog documents in the table below should be closed for system archiving. Otherwise, backlog documents are subject to migration and memory consumption in the new SAP S/4HANA environment. For more details, contact your SAP account executive and ask for more information on the service business process improvement for SAP solutions.

### BUSINESS PROCESS ANALYTICS KPI

KPI	Total	3 – 6 Months	6 – 12 Months	1 – 3 Years	3 - 5 Years	5 – 10 Years	Older Than 10 Years
Inbound deliveries overdue for GR	499015	<b>677</b> 0.14%	<b>809</b> 0.16%	<b>1369</b> 0.27%	<b>158289</b> 31.72%	<b>330084</b> 66.15%	<b>0</b> 0.00%
Open items FI-GL	13561754	<b>750561</b> 5.53%	<b>1041387</b> 7.68%	<b>3962351</b> 29.22%	<b>4892273</b> 36.07%	<b>1636125</b> 12.06%	<b>0</b> 0.00%
Overdue open vendor items FI-AP	199094	<b>14577</b> 7.32%	<b>10637</b> 5.34%	<b>31781</b> 15.96%	<b>27471</b> 13.80%	<b>40520</b> 20.35%	<b>28903</b> 14.52%
Purchase requisition items open & overdue	124126	<b>5278</b> 4.25%	<b>6423</b> 5.17%	<b>18842</b> 15.18%	<b>25131</b> 20.25%	<b>9233</b> 7.44%	<b>0</b> 0.00%
Overdue open items FI-AR (customer items)	156142	<b>19979</b> 12.80%	<b>19317</b> 12.37%	<b>23665</b> 15.16%	<b>13907</b> 8.91%	<b>12735</b> 8.16%	<b>4532</b> 2.90%
Purchase order items open & overdue	60384	<b>9528</b> 15.78%	<b>5915</b> 9.80%	<b>10618</b> 17.58%	<b>5481</b> 9.08%	<b>1839</b> 3.05%	<b>0</b> 0.00%
Process orders overdue for deletion flag	0	<b>0</b> 0.00%	<b>0</b> 0.00%	<b>0</b> 0.00%	<b>0</b> 0.00%	<b>0</b> 0.00%	<b>0</b> 0.00%
Outbound deliveries overdue for GI	1249	<b>125</b> 10.01%	<b>30</b> 2.40%	<b>31</b> 2.48%	<b>25</b> 2.00%	<b>5</b> 0.40%	<b>0</b> 0.00%
Sales orders open & overdue for delivery	961	<b>72</b> 7.49%	<b>77</b> 8.01%	<b>366</b> 38.09%	<b>149</b> 15.50%	<b>12</b> 1.25%	<b>0</b> 0.00%
Production orders overdue for deletion flag	3604	<b>213</b> 5.91%	<b>802</b> 22.25%	<b>1328</b> 36.85%	<b>738</b> 20.48%	<b>146</b> 4.05%	<b>108</b> 3.00%
	836	<b>15</b> 1.79%	<b>20</b> 2.39%	<b>149</b> 17.82%	<b>278</b> 33.25%	<b>305</b> 36.48%	<b>0</b> 0.00%

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

[https://launchpad.support.sap.com/#/readiness/TransactionSet\('8987490000003082'\)/ObjectPage/section/bpa](https://launchpad.support.sap.com/#/readiness/TransactionSet('8987490000003082')/ObjectPage/section/bpa)

## 6.3 SAP Custom Development Projects

With the conversion to SAP S/4HANA, [SAP Custom Development](#) projects also need to undergo an SAP S/4HANA compatibility check and a maintenance contract validity check. See below for an overview of SAP Custom Development projects that have been created for your customer number.

**PLEASE NOTE:** You can view all SAP Custom Development projects that have been delivered to you based on the customer number under which the SAP Readiness Check was created. If you have multiple productive SAP ERP installations under the same customer number, then all of your SAP Custom Development projects will be shown for all systems, even though some might be installed only in one of your productive SAP ERP installations.

### **SAP CUSTOM DEVELOPMENT PROJECTS**

No SAP custom development projects found.

### **LINK TO THE LIST OF SAP CUSTOM DEVELOPMENT PROJECTS**

No URL available

## 7 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 a 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.

### LINK TO THE LIST OF NEXT STEPS AND FURTHER INFORMATION

[https://launchpad.support.sap.com/#!/readiness/TransactionSet\('8987490000003082'\)/ObjectPage/section/info](https://launchpad.support.sap.com/#!/readiness/TransactionSet('8987490000003082')/ObjectPage/section/info)



