



SAP Readiness Check for SAP S/4HANA

Covering SAP S/4HANA 1909

Customer Name	Promantus Inc
Customer Number	1565901
System ID	T10(EHP7 FOR SAP ERP 6.0)
Date of Analysis	04/13/2020

CONFIDENTIAL

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between used and installed components.

SAP recommends that you carefully read https://help.sap.com/viewer/p/SAP_S4HANA_ON-PREMISE (see Conversion & Upgrade Assets) The introduction contains important information on 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. SAP Readiness Check 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.

The SAP Readiness Check tool, 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, documents provided in the SAP Support Portal, support package stack guides, and SAP Notes. You cannot rely on the results of the SAP Readiness Check. If you need individual guidance and support for your installation, conversion or improvement project, please contact your local SAP consulting organization for further advice. The 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
T10	04/13/2020

SAP S/4HANA: TARGET PRODUCT VERSION

Product	Product Version
SAP S/4HANA	SAP S/4HANA 1909

INSTALLED PRODUCT VERSION

SID	Installed Product Version
T10	EHP7 FOR SAP ERP 6.0

CURRENT DATABASE

SID	Database System	DB ID	Unicode
T10	MSSQL	T10	Yes

OPERATING SYSTEM / SAP KERNEL

SID	Operating System	OS Version	SAP Kernel Release
T10	Windows NT	10.0	753

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

OVERVIEW BY STATUS

Status	Number of Add-Ons
Incompatible	0
Unknown	0
Incompatible (Uninstallable)	0
Compatible (Software Entitlement Required)	0
Certified 3rd-Party Software	0
Compatible	0

Explanation of Status:

- Incompatible – Add-On is not supported in SAP S/4HANA
- Unknown – Its necessary to analyse each Add-on that is unknown to determine if it is in use and whether it is compatible. A follow up with the third-party vendor is required
- Incompatible (Uninstallable) - Add-On is no longer available in S/4HANA
- Compatible - Add-On is compatible in SAP S/4HANA

Note: incompatible add-ons will block your conversion during SUM and therefore need to be taken care of.

For further investigation, please create an incident on component XX-SER-REL or BC-UPG-ADDON.

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

There is no add-on with status "Incompatible"

SOFTWARE COMPONENT VERSIONS NOT ASSIGNED TO ANY INSTALLED PRODUCT VERSION

There is no such software component version

3RDPARTY ADD-ONS

There is no 3rd-party add-ons

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.

ADD-ONS WHICH ARE INCOMPATIBLE BUT CAN BE UNINSTALLED

There is no add-on which is incompatible but can be uninstalled

ADD-ONS WHICH ARE CERTIFIED 3RD-PARTY SOFTWARE

There is no add-on which is certified 3rd-party software

ADD-ONS WHICH ARE COMPATIBLE TO SAP S/4HANA

There is no add-on with status "Compatible"

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

SAP Note	Description
2214409	SAP S/4HANA: Compatible Add-ons
2011192	De-installation of SAP Addons
2696603	Partner compatible Addons

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 3rd party add-ons for potential license implications when converting to SAP S/4HANA.

LINK TO THE COMPLETE LIST OF ADD-ONS

[https://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#/Analysis\('1008674'\)/Addon](https://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#/Analysis('1008674')/Addon)

2.2 Active Business Functions

OVERVIEW BY STATUS

Status	Number of Business Function
Incompatible	0
Will be deleted	0
Compatible	0

Explanation of Status:

- Incompatible - Business Function activates functionality that is not supported in SAP S/4HANA
- Will be deleted – Business Function is no longer available in S/4HANA. The business functions in SAP ERP may have been assigned to different business functions in SAP S/4HANA
- Compatible – The Business Function is compatible with SAP S/4HANA

For further investigation, please create a support incident on the application component of the Business Function.

BUSINESS FUNCTIONS ARE NOT (YET) SUPPORTED FOR SAP S/4HANA

There is no business function with status "Incompatible"

BUSINESS FUNCTIONS ARE NOT COMPATIBLE TO SAP S/4HANA BUT CAN BE UNINSTALLABLE

There is no business function which is incompatible but can be uninstalled

BUSINESS FUNCTIONS ARE COMPATIBLE TO SAP S/4HANA

There is no business function with status "Compatible"

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

SAP Note	Description
2240359	SAP S/4HANA: Always-Off Business Functions
2240360	SAP S/4HANA: Always-On Business Functions
2659710	SAP S/4HANA 1809: Restriction Note

LINK TO THE COMPLETE LIST OF ACTIVE BUSINESS FUNCTIONS

[https://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#/Analysis\('1008674'\)/BusinessFunction](https://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#/Analysis('1008674')/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
2670347	ABAP Platform 1809 - Restrictions
2657067	SAP S/4HANA 1809: Process Integration with SAP on-premise Solutions
2251604	Version Interoperability between SAP S/4HANA On Premise Edition and SAP NetWeaver Systems

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.

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	653
Check performed, item is not relevant. No follow-up activity necessary.	595
Check performed, item is relevant (excludes "non strategic items"). Check business impact note.	38
Relevance cannot be automatically determined. (excludes "non strategic items"). Check business impact note.	14
Check performed, "non strategic" item is relevant. Check business impact note.	4
Relevance for "non strategic" item cannot be automatically determined. Check business impact note.	2

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	Category	SAP Note	Relevance
Finance - Accounting and Financial Close	S4TWL - Amount Field Length Extension SI8_FIN_GL	Change of existing functionality	2628654	Item is relevant. DB table 'BSEG' based check. Relevant criteria is ">0 " and number found is 1 .
IT Management - Administration and Usability	S4TWL - Generic Check for SAP S/4HANA Conversion and Upgrade SI22: GENERIC_CHECKS	Change of existing functionality	2618018	Item is relevant. DB table 'T000' based check. Relevant criteria is ">0 " and number found is 1 .
IT Management - Administration and Usability	S4TWL - JOB SCHEDULING SI8:CROSS_BC_CCM-BTC	Change of existing functionality	2318468	Item is relevant. DB table 'CVERS' based check. Relevant criteria is ">0 " and number found is 1 .
Database and Data Management - Enterprise Information Management	S4TWL - Business Partner Approach SI2: MasterData_BP	Change of existing functionality	2265093	Item is relevant. DB table 'LFA1' based check. Relevant criteria is ">0 " and number found is 1 .
Database and Data Management - Enterprise Information Management	S4TWL - Simplified Product Master Tables Related to OMSR Transaction SI3: MasterData_PM	Change of existing functionality	2267138	Item is relevant. DB table 'MARA' based check. Relevant criteria is ">0 " and number found is 1 .

LoB– BusinessArea	Title	Category	SAP Note	Relevance
Database and Data Management - Enterprise Information Management	S4TWL - Material Number Field Length Extension SI4: MasterData_PM	Change of existing functionality	2267140	Item is relevant. DB table 'MARA' based check. Relevant criteria is ">0 " and number found is 1 .
Database and Data Management - Enterprise Information Management	S4TWL - Simplification of copy/reference handling SI5: MasterData_PM	Change of existing functionality	2330063	Item is relevant. DB table 'MARA' based check. Relevant criteria is ">0 " and number found is 1 .
Finance - Enterprise Risk and Compliance	S4TWL - Foreign Trade fields in Material Master SI6:MasterData_PM	Functionality unavailable (equivalent exists)	2267225	Item is relevant. DB table 'MARC' based check. Relevant criteria is ">0 " and number found is 1 .
Sales - Order and Contract Management	S4TWL - SD Simplified Data Models SI1: SD_GENERAL	Change of existing functionality	2267306	Item is relevant. DB table 'VBUK' based check. Relevant criteria is ">0 " and number found is 1 .
Sales - Order and Contract Management	S4TWL - Data Model Changes in SD Pricing SI2: SD_PRIC	Change of existing functionality	2267308	Item is relevant. DB table 'KONH' based check. Relevant criteria is ">0 " and number found is 1 .
Sales - Order and Contract Management	S4TWL - Billing Document Output Management SI14: SD_BILLING_OM	Functionality unavailable (equivalent exists)	2267376	Item is relevant. DB table 'VBRK' based check. Relevant criteria is ">0 " and number found is 1 .
Sales - Order and Contract Management	S4TWL -Miscellaneous minor functionalities in SD Area SI16: SD_Miscellaneous minor deprecations in SD Area	Functionality unavailable (equivalent exists)	2267395	Item is relevant. DB table 'LIKP' based check. Relevant criteria is ">0 " and number found is 1 .
Sourcing and Procurement - Operational Procurement	S4TWL - Pricing Data Model Simplification SI8: PROC_MM_PRICING	Change of existing functionality	2267442	Item is relevant. DB table 'KONV' based check. Relevant criteria is ">0 " and number found is 1 .
Sourcing and Procurement - Operational Procurement	S4TWL - Output Management Adoption in Purchase Order SI9: PROC_MM_OUTPUT	Change of existing functionality	2267444	Item is relevant. DB table 'NAST' based check. Relevant criteria is ">0 " and number found is 1 .
Sourcing and Procurement - Operational Procurement	S4TWL - Classic MM-PUR GUI Transactions replacement SI11: PROC_MM_DYN	Functionality unavailable (equivalent exists)	2267449	Item is relevant. Transaction ' ME23 '. Relevant criteria is ">0 " and number found is 1 .

LoB– BusinessArea	Title	Category	SAP Note	Relevance
Sourcing and Procurement - Invoice Management	S4TWL - Authorization Concept for Supplier Invoice SI14: PROC_MM_IV_AUTH	Change of existing functionality	2271189	Item is relevant. DB table 'RBKP' based check. Relevant criteria is ">0 " and number found is 1 .
Supply Chain - Advanced Order Promising	S4TWL - New advanced ATP in SAP S/4HANA – Table VBBS SI1: Logistics_ATP	Functionality unavailable (equivalent exists)	2267745	Item is relevant. DB table 'TMVF' based check. Relevant criteria is ">0 " and number found is 1 .
Supply Chain - Inventory	S4TWL - DATA MODEL IN INVENTORY MANAGEMENT (MM-IM) SI1: Logistics_MM-IM	Change of existing functionality	2206980	Item is relevant. DB table 'MSEG' based check. Relevant criteria is ">0 " and number found is 1 .
Supply Chain - Inventory	S4TWL - Material Ledger Obligatory for Material Valuation SI3: Logistics_MM-IM	Change of existing functionality	2267834	Item is relevant. DB table 'T001K' based check. Relevant criteria is ">0 " and number found is 1 .
Supply Chain - Inventory	S4TWL - Material Valuation - Statistical moving average price SI4: Logistics_MM-IM	Functionality unavailable (no equivalent)	2267835	Item is relevant. DB table 'MBEW' 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	Category	SAP Note	Relevance
Application Platform and Infrastructure - Process Management and Integration	S4TWL - Webshops by Internet Sales or Web Channel Experience Management SI11: SD_IS	Functionality unavailable (equivalent exists)	2271161	Relevance cannot be determined. Please execute this check manually.
Sourcing and Procurement - Operational Procurement	S4TWL - MDM Catalog SI7: PROC_MDM	Functionality unavailable (equivalent exists)	2271184	Relevance cannot be determined. Please execute this check manually.
R&D/Engineering - Product Lifecycle Management	S4TWL - Enterprise Search in SAP Product Lifecycle Management (SAP PLM) SI1: Logistics_PLM	Change of existing functionality	2267836	Relevance cannot be determined. Please execute this check manually.

LoB– BusinessArea	Title	Category	SAP Note	Relevance
Finance - Accounting and Financial Close	S4TWL - SAP HANA LIVE REPORTING SI4_FIN_GL	Functionality unavailable (equivalent exists)	2270382	Relevance cannot be determined. Please execute this check manually.
Finance - Accounting and Financial Close	S4TWL - Globalization – Financials SI1_GSFIN	Functionality unavailable (equivalent exists)	2270311	Relevance cannot be determined. Please execute this check manually.
Application Platform and Infrastructure - Process Management and Integration	S4TWL - FIORI APPLICATIONS FOR SUITE ON HANA ON-PREMISE SI10: CT_FIORI	Change of existing functionality	2288828	Relevance cannot be determined. Please execute this check manually.
Application Platform and Infrastructure - Process Management and Integration	S4TWL - Changed Interfaces SI15: CT_Integration	Change of existing functionality	2259818	Relevance cannot be determined. Please execute this check manually.
IT Management - Administration and Usability	ABAPTWL - Cleanup of orphaned objects SI02: AS_ABAP_CLEANUP	Functionality unavailable (no equivalent)	2672757	Relevance cannot be determined. Please execute this check manually.
IT Management - Administration and Usability	ABAPTWL - VM Container not supported SI04: AS_ABAP_VMCONTAINER	Functionality unavailable (no equivalent)	2560708	Relevance cannot be determined. Please execute this check manually.
Others	ABAPTWL - AS Java not available SI05: AS_ABAP_JAVA_SUPPORT	Functionality unavailable (no equivalent)	2560753	Relevance cannot be determined. Please execute this check manually.
Others	ABAPTWL - No support for non simplified system flavour SI01: AS_ABAP_NON_SIMPLE	Change of existing functionality	2656503	Relevance cannot be determined. Please execute this check manually.
IT Management - Administration and Usability	ABAPTWL - Dual Stack not supported SI06: AS_ABAP_DUAL_STACK	Functionality unavailable (no equivalent)	2560791	Relevance cannot be determined. Please execute this check manually.
Others	ABAPTWL - Instances without ICM not supported SI07_ AS_ABAP_INSTANCE_WITHOUT_ICM	Functionality unavailable (no equivalent)	2560792	Relevance cannot be determined. Please execute this check manually.
IT Management - Administration and Usability	ABAPTWL - SSCR license key procedure is no longer supported SI03: AS_ABAP_SSCR	Functionality unavailable (equivalent exists)	2309060	Relevance cannot be determined. Please execute this check manually.

3.1.3 Relevant Non-Strategic Simplification Items

“**Non-strategic**“ means that this functionality will not be further enhanced and you can decide how to take care of it until the usage right expires on Dec 31, 2025 (**Compatibility Pack**): See SAP Note [2269324 - Compatibility Scope Matrix for SAP S/4HANA on-premise](#).

A Compatibility Pack functionality is an S/4HANA compatible copy of a “classic” = SAP Business Suite software functionality.

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

NON-STRATEGIC SIMPLIFICATION ITEMS WITH RELEVANCE TO BE CHECKED

LoB – Business Area	Title	Category	SAP Note	Relevance
Application Platform and Infrastructure - Process Management and Integration	S4TWL - Custom Fields SI13: CT_Custom-Fields	Non-strategic-function (no equivalent yet)	2320132	Relevance cannot be determined. Please execute this check manually.
Application Platform and Infrastructure - Process Management and Integration	S4TWL - Side Panel functionality in SAP S/4HANA (on-premise) SI14: CT_SIDE_PANELS	Non-strategic-function (no equivalent yet)	2340424	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://rc.cfapps.eu10.hana.ondemand.com/comsaprweb/index.html#/Analysis\('1008674'\)/Simplification](https://rc.cfapps.eu10.hana.ondemand.com/comsaprweb/index.html#/Analysis('1008674')/Simplification)

3.1.5 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	194

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 not be used
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

Related Simplification Item	Activities	Phase	Condition	Additional Information
S4TWL - Amount Field Length Extension (SI8_FIN_GL)	Custom Code Adaption	During conversion project	Mandatory	
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 - 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 - OUTPUT MANAGEMENT (SI4: CT_OM)	Business Decision	Before conversion project	Optional	Decide if new output management or NAST-based output shall be used.
S4TWL - OUTPUT MANAGEMENT (SI4: CT_OM)	User Training	After conversion project	Optional	
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)	Technical System Configuration	After conversion project	Conditional	Configure technical infrastructure for new output management

Related Simplification Item	Activities	Phase	Condition	Additional Information
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)	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 - 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)	Technical System Configuration	During conversion project	Optional	Decide if new job scheduling shall be used and adjust parameterization
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 - 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.

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 - 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

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://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#/Analysis\('1008674'\)/Activity](https://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#/Analysis('1008674')/Activity)

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
2269324	Compatibility Scope Matrix for SAP S/4HANA on-premise

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

/0CUST/

/0CUST/represents Y* and Z* namespaces

CUSTOM CODE OVERVIEW

Item	Number of Objects
Total SAP Notes	262
Relevant SAP Notes	12
Non-Relevant SAP Notes	249
Total Custom Code Objects	67
Total Modifications	2

Simplification items affecting custom Code

SAP Note	Custom Code Topic
2320132	S4TWT - Custom Fields
2628704	Amount Field Length Extension: Code Adaptations for Usages of Adjusted Interfaces
1976487	Information about adjusting customer-specific programs to the simplified data model in SAP Simple Finance
2470721	S/4HANA: Indirect Relationships in SD Document Flow Table VBFA
2265093	S4TWT - Business Partner Approach
2438131	Material Number Field Length Extension: Code Adaptions for usages of released RFCs and BAPIs
2389136	sFIN Data Migration for G/L Accounts and Cost Elements & ALE - Technical Information
2198647	S/4 HANA: Data Model Changes in SD
2610650	Amount Field Length Extension: Code Adaptations
2602107	Using compatibility views in custom programs in SAP S/4HANA
2215424	Material Number Field Length Extension - General Information
2431747	General Ledger: Incompatible changes in S/4HANA compared to classic ERP releases

LINK TO THE COMPLETE LIST OF CUSTOM CODE

[https://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#/Analysis\('1008674'\)/CustomCode](https://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#/Analysis('1008674')/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 using the ABAP Test Cockpit / SAP Code Inspector ([Link to the adaption process blog](#), [Link to the FAQ blog](#)).

For detailed analysis of your custom code please execute ABAP Test Cockpit (ATC) with check variant S4HANA_READINESS. This can be arranged either on a locally installed SAP NetWeaver 7.52 system, on your SAP S/4HANA sandbox or using the ABAP environment in SAP Cloud Platform.

For more information see:

Source of Information	Description
Blog on the "Custom code adaption process"	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 1912445	ABAP custom code migration for SAP HANA - recommendations and Code Inspector variants for SAP HANA migration
Best Practice Guide	Best Practice Guide - Considerations for Custom ABAP Code During a Migration to SAP HANA
SAP Documentation on Custom Code on help.sap.com	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:

5.1 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

General Indicators	Values
Initial SAP S/4HANA Target Size	101 GB
Future Database Growth	0 GB
Data Volume Reduction on SAP ERP	0 GB
New Functionality	0 GB
Simulation for Initial SAP S/4HANA Memory Requirement	101GB

5.2 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	MSSQL
Used Size on Disk	61GB
Number of Tables Successfully Analyzed	92,083
Number of Tables with Errors	0
Version of Report /SDF/HDB_SIZING	80
SAP Note for SAP HANA Sizing	1872170

INITIAL TARGET SIZE

Estimated Memory Requirement	Values in GB
Column Store Data	9
+ Row Store Data	13
+ Workspace	23
+Others	55
= Anticipated Initial Memory Requirement for SAP HANA	101

Estimated Disk Sizing	Values in GB
Column Store Data	23
+Others	27
+ Hybrid LOBs	26
= Initial Net Data Size on Disk	77

20 LARGEST TABLES

Table Name	Store Type	Data Size in GB	Estimated Record Count
D010TAB	RS	5	37,477,070
D010INC	RS	3	13,489,524
DD03L	RS	2	8,313,121
SMIMCONT1	RS	1	835,712
DOKTL	CS	1	29,928,549
REPOSRC	CS	1	4,148,973
SEOCOMPODF	RS	<1	2,015,460
E071K	CS	<1	7,684,050
SCPRSVALS	CS	<1	8,792,191
SCPRVALS	CS	<1	7,867,347
E071	CS	<1	8,915,678
SEOSUBCOTX	CS	<1	4,290,290
TODIR	CS	<1	5,366,874
OCSCMPLOBJ	CS	<1	2,425,674
SEOSUBCODF	CS	<1	2,823,093
DYNPSOURCE	RS	<1	210,555
DD04T	RS	<1	870,568
FUNCT	CS	<1	3,353,855
DD05S	RS	<1	1,492,355
SEOSUBCO	CS	<1	2,827,830

LINK TO THE COMPLETE LIST OF DATABASE TABLES

[https://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#/Analysis\('1008674'\)/Sizing/Tables](https://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#/Analysis('1008674')/Sizing/Tables)

5.3 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

There is no document type

LINK TO THE LIST OF DOCUMENT TYPES

[https://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#/Analysis\('1008674'\)/Sizing/Dvm](https://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#/Analysis('1008674')/Sizing/Dvm)

5.4 Additional Information

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

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

6.1 BW Extractors

This section lists all SAP BW Extractors in your ERP system and tells you whether they can still be used in SAP S/4HANA. For example, it shows if an extractor is not available anymore, was replaced by an alternative, or only works with restrictions due to simplifications in the S/4HANA application. Simplification items are listed and can be accessed for more detailed information about changes in SAP S/4HANA that are relevant for a specific extractor.

- **DS Working**
 - No Restrictions: DataSource is available with SAP S/4HANA and works without any restrictions compared to SAP ERP.
 - Restrictions: DataSource is available with SAP S/4HANA but works with noteworthy restrictions. For example, not all fields are available.
 - Regeneration of Extractor: Because of the nature of the extractors, being generated in the system, we cannot whitelist those in general. Experience so far shows that they should be working without restrictions.
- **DS Not Working**
 - Alternative Exists: DataSource is not working with SAP S/4HANA but an alternative exists, such as a new extractor or CDS view.
 - No Alternative Exists: DataSource is not working with SAP S/4HANA and there is no alternative.
 - Alternative Planned: DataSource is not working with SAP S/4HANA but there will be an equivalent available on roadmap for future release.
- **DS Obsolete:** DataSource is obsolete - legacy extractors
- **DS Not Relevant:** DataSource is available in ROOSOURCE, however, not to be used for extraction by BW.

The analysis covers all BI content extractors available up to ERP 6.0 EHP8.

For further information please refer to SAP Note [2500202](#) and [SAP Readiness Check 2.0 – Details about the topic of Integration](#)

TOP 20 BUSINESS WAREHOUSE EXTRACTORS

Extractor Name	Area	Related Simplification Items	Category	Comments
0CFM_FI_TRA_ATTR	Finance		Working	
0EC_INDUSTRY_TEXT	Human Capital Management		Working	
0EC_REGION_TEXT	Human Capital Management		Working	
0EH_JOB_ATTR	Incident Management and Risk Assessment		Obsolete	
0EH_LOCATIN_ATTR	Incident Management and Risk Assessment		Obsolete	
0EHSM_HSS_RAS_01	Incident Management and Risk Assessment		Obsolete	
0EHSM_HSS_RAS_02	Incident Management and Risk Assessment		Obsolete	
0EHSM_HSS_RAS_03	Incident Management and Risk Assessment		Obsolete	
0EHSM_HSS_RAS_04	Incident Management and Risk Assessment		Obsolete	
0EHSM_HSS_RAS_05	Incident Management and Risk Assessment		Obsolete	
0HCP_CITM_ATTR	Human Capital Management		Working	
0HCP_CITM_TEXT	Human Capital Management		Working	
0HCP_CITP_TEXT	Human Capital Management		Working	
0HCP_DBAS_TEXT	Human Capital Management		Working	
0HCP_PCON_TEXT	Human Capital Management		Working	
0HCP_PLAN_ATTR	Human Capital Management		Working	
0HCP_PLAN_TEXT	Human Capital Management		Working	
0HCP_SCEN_TEXT	Human Capital Management		Working	
0HCP_STYP_TEXT	Human Capital Management		Working	
0HR_PACP_1	Human Capital Management		Working	
0HR_PACP_2	Human Capital Management		Working	

LINK TO THE COMPLETE LIST OF ALL CATEGORIES OF BUSINESS WAREHOUSE EXTRACTORS

[https://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#/Analysis\('1008674'\)/Integration/Bwe](https://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#/Analysis('1008674')/Integration/Bwe)

If you would like to have the complete list of BW extractors, use the excel generated together with the word document.

6.2 IDoc Interfaces

This section lists the active and inactive IDoc integration scenarios configured in your source SAP ERP 6.0 system. The extracted interfaces are compared against the SAP S/4HANA RFC-enabled function module blacklist. This list contains remote-enabled function modules that will generate a system dump when called in SAP S/4HANA. The caller program extracted for each interface from the analyzed system is used for the comparison.

GENERAL INFORMATION

General Indicators	Values
Total number of IDoc Interface	0
Blacklisted IDocInterfaces	0

TOP 20 BLACKLISTED IDoc

There is no blacklisted idoc

If you would like to have the complete list of blacklisted IDoc, use the excel generated together with the word document.

LINK TO THE COMPLETE LIST OF ALL CATEGORIES OF IDOC INTERFACES

[https://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#/Analysis\('1008674'\)/Integration/IDoc](https://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#/Analysis('1008674')/Integration/IDoc)

7.1 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 Lighthouse SAP Fiori	49
Total Number of SAP Fiori	898
Total Number of SAP Fiori Theme Classic UI	119

SAP Fiori Role	Number of SAP Fiori App
General Ledger Accountant	61
Cash Management Specialist	58
Purchaser	58
Cash Manager	55
Strategic Buyer	41
Internal Sales Representative	38
Cost Accountant - Overhead	36
Accounts Receivable Accountant	33
Configuration Expert - Business Process Configuration	29
Shipping Specialist	27
Billing Clerk	25
Settlement Clerk (Agricultural Contract Management)	23
Inventory Manager	23
Shipping Specialist - Just-In-Time Supply	22
Operations Clerk (Agricultural Contract Management)	21
Administrator	20
Receiving Specialist	19
Accounts Receivable Manager	18
Returns & Refund Clerk	18
Warehouse Clerk	18

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://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#/Analysis\('1008674'\)/Fiori](https://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#/Analysis('1008674')/Fiori)

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

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

7.2 Business Process Discovery

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

- Working capital KPIs: days of sales outstanding, days of payables outstanding, and days in inventory
- 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.

Working Capital:

This section gives transparency on important business value drivers like improving days of sales outstanding, days of payables outstanding, and days in inventory for unused stock of different stock types. You will see how fast and timely you pay and get paid.

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 6	Some Improvement Potential
Sales order type usage	Non-Standard Order Types	0 of 0	Healthy
Debit memo request type usage	Non-Standard Order Types	0 of 0	Healthy
Return order type usage	Non-Standard Order Types	0 of 0	Healthy
Order type usage in PM/CS orders	Non-Standard Order Types	8 of 8	Some Improvement Potential
Order type usage in process orders	Non-Standard Order Types	0 of 0	Healthy
Order type usage in production orders	Non-Standard Order Types	0 of 0	Healthy
Credit memo request type usage	Non-Standard Order Types	0 of 0	Healthy

Name	Type	Value	Status
Automation rate: Production orders	Process Automation	0%	High Potential
Automation rate: Sales billing documents	Process Automation	0%	High Potential
Automation rate: Sales Orders	Process Automation	0%	High Potential
Automation rate: Purchase order items	Process Automation	0%	High Potential
Automation rate: Process orders	Process Automation	0%	High Potential
Automation rate: Purchase Requisitions	Process Automation	0%	High Potential
Automation rate: MM invoices	Process Automation	0%	High Potential
Automation rate: Outbound deliveries	Process Automation	0%	High Potential
Production orders overdue for deletion flag	Transactional Backlog	OK	Healthy
Outbound deliveries overdue for GI	Transactional Backlog	OK	Healthy
Shipments within certain status	Transactional Backlog	OK	Healthy
Purchase order items open & overdue	Transactional Backlog	OK	Healthy
Purchase requisition items open & overdue	Transactional Backlog	OK	Healthy
Sales orders open & overdue for delivery	Transactional Backlog	OK	Healthy
Process orders overdue for deletion flag	Transactional Backlog	OK	Healthy
Inbound deliveries overdue for GR	Transactional Backlog	OK	Healthy
Open items FI-GL	Transactional Backlog	OK	Healthy
PM/CS orders overdue for deletion flag	Transactional Backlog	OK	Healthy
Overdue open vendor items FI-AP	Transactional Backlog	OK	Healthy
Overdue open items FI-AR (customer items)	Transactional Backlog	OK	Healthy

LINK TO THE LIST OF BUSINESS PROCESS DISCOVERY KPI

[https://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#/Analysis\('1008674'\)/Bpa](https://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#/Analysis('1008674')/Bpa)

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

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

7.3 SAP Innovative Business Solutions

No SAP Innovative Business Solutions available

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

Topic	Description
SAP Value Assurance Services	Quick-start your digital transformation with the SAP Value Assurance Service Packages for SAP S/4HANA.
Transition to SAP S/4HANA	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.
SAP S/4HANA Trial	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.
SAP S/4HANA Community	Ask questions, share experiences, and build your knowledge of SAP's next generation business suite.
SAP Innovative Business Solutions	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://rc.cfapps.eu10.hana.ondemand.com/comsaprcweb/index.html#>