

# Technical Scope of Work Application Migration

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All Phases

## Application Migration of Existing SAP system into SAP S/4 HANA

Broad level Scope of Work related to application migration which is further divided into 3 phases:

1. SOW for Migration Phase
2. SOW for Development & Maintenance Phase
3. SOW for Support Phase

It is expected that the bidder is already experienced in SAP ERP modules and hence the Broad scope of work for application migration is presented in this document. The bidder through its own experience, expertise and resources need to do a due diligence on the scope of activities needed to complete the project scope to ensure that the project is delivered with due quality, no slippages and in the timeline expected.

The project being classified as one of the mission critical projects, the bidder shall at all times ensure due seriousness while deploying resources for the project execution as well as during the entire contract period.

The Standard to be applied to determine satisfactory completion of the activities mentioned in the SOW (all phases) will be its usage in Production as well as DR environment and obtaining of desired results.

| <b>1. Scope of Work for Migration Phase</b>                                         |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>(As Is Migration of On Premise SAP ECC Systems to S4 HANA on Cloudplatform).</b> |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Sl No</b>                                                                        | <b>Technical / Functional Area</b> | <b>Major Activities to be Completed</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 1                                                                                   | SAP ERP                            | Conversion <b>FROM</b> SAP ECC 6.06 running on Oracle DB 11g, Sun Solaris 10 <b>To</b> latest S4 HANA System on cloud. This includes Migration of all programs, DDICs, code lines to S/4 HANA (technical migration) and Migration of existing data in the dropped tables to the new simplified table structures (functional migration). Readiness Check as performed by SAP for the SAP S4HANA1809 version for existing ECC Systems for HANA Conversion is available below. It also includes new customization and development required in HANA environment to make AS IS functionality available. |
| 2                                                                                   | SAP BW                             | Conversion of SAP BW 7.0 running on Oracle DB 11g Solaris 10 to BWOH initially, finally to be converted to the BW4HANA platform on cloud in the subsequent phase. Custom code adjustments in CMOD and function modules. Conversion of non-compatible BW objects to make it compatible in BW4HANA. Manual redesign of the data model, existing queries and workbooks. Details as per Table 2                                                                                                                                                                                                        |
| 3                                                                                   | SAP Router                         | New Setup - Latest Version with integration of all Systems                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

|    |                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4  | Solution manager                                                     | SAP Solution manager latest version implementation with the following functions. <ul style="list-style-type: none"> <li>complete and proactive technical monitoring for S4 HANA and BW systems on the cloud</li> <li>Early Watch Alert setup.</li> </ul>                                                                                                                                                                                                       |
| 5  | SAP Custom Code                                                      | SAP Custom code adjustments for making it compatible with HANA. Custom code remediation/ SPAU/SPDD corrections to be performed. Detailed list of Custom Codes bifurcated into SAP Object Wise list as per Table 1.                                                                                                                                                                                                                                             |
| 6  | DR Set up                                                            | FAR Disaster Recovery systems and procedure to be configured and activated for the entire landscape and the DR shall be an exact replica of the Production/ Primary site.<br>S4H -Development/Quality/Production<br>BWOH-Development/Quality/Production<br>Backup systems – As is in Production<br>All other Application servers and solutions—As is deployed in Production/Primary site.                                                                      |
| 7  | BASIS support                                                        | Required BASIS support for Upgrade / Migration activities during Migration Phase, including technical support for activities required to be done at source systems                                                                                                                                                                                                                                                                                             |
| 8  | Data Migration                                                       | Conversion / migration of all Data available in existing SAP Systems to the latest released version of SAP S4HANA without any data loss or netting.                                                                                                                                                                                                                                                                                                            |
| 9  | All Infrastructure, Operating system and database related activities | All activities to keep the system updated at all times till the final GO-Live and signoff till the period of Hyper care is over. Activities such as File system creation, partitioning, OS update, database management, application setup, configurations, zoning, GUI conversion, custom code handling, backup, patch management, enabling DR setup and testing DR, etc. and taking care of LICs requirement of Maintaining SAP Login level Uptime of 99.95%. |
| 10 | System Performance                                                   | To optimally set the parameters of target systems to ensure optimal performance of all the deployed systems with the ultimate aim of Maintaining SAP Login level Uptime of 99.95%.                                                                                                                                                                                                                                                                             |
| 11 | Knowledge Transfer                                                   | Knowledge Transfer pertaining to the Migration Phase with complete user as well as Cloud setup, inventory of all systems and system configuration and management documentation to be delivered to the Core Team                                                                                                                                                                                                                                                |
| 12 | Network                                                              | Provisioning and Setting up of Network links between the cloud data center to LICs own LAN at three locations, Yogakshema, Vile Parle and Bangalore.                                                                                                                                                                                                                                                                                                           |
| 13 | Compliance Requirement                                               | To comply with various security guidelines :<br>IRDAI's system audit of investment department<br>IRDAI's guidelines on information and cyber security for insurers<br>Other guidelines issued by NCIIPC, Cert-In etc.<br>Provide annual cloud center Audit Report, TIA certificate, MeitY Empanelment validity certificate.                                                                                                                                    |

**Table 1: R3 Custom Objects to be migrated during Migration Phase**

Summary of Custom Objects - (Other than Domains, Data elements, Tables, Structures, Views, Search Helps)

| Type of Custom Object                   | Count of Custom Object | Remarks                                                                                                          |
|-----------------------------------------|------------------------|------------------------------------------------------------------------------------------------------------------|
| Programs / Reports                      | 346                    | Some of these Programs / Reports may contain multiple “Includes”. Total number of such “ includes” is around 306 |
| Function Modules                        | 108                    | Excluding auto generated ones like those generated by Smartforms, Table Maintenance etc.                         |
| Enhancements - Individual and Composite | 61                     |                                                                                                                  |
| Smartforms                              | 129                    |                                                                                                                  |
| Sapscripts                              | 35                     | To be migrated as Smartforms                                                                                     |
| Classes                                 | 34                     | Includes BADI activated in System                                                                                |
| BW Function groups                      | 14                     |                                                                                                                  |

Note: The above numbers of custom objects are best estimates extracted from SAP ECC6 Production Server as on 10.01.2021. The actual numbers that need migration may vary by up to 10 % . The System generated programs / codes / objects from SPRO-configurations, etc. are not considered in the above estimate.

**Table 2: List of BW Custom Objects to be migrated during Migration Phase**

| Name of Custom Object | Count of Custom Object | Remarks                                |
|-----------------------|------------------------|----------------------------------------|
| BW Queries            | 516                    | Includes queries embedded in Workbooks |
| BW Workbooks          | 76                     |                                        |

Summary of BW Custom Objects

| Type            | Numbers active |
|-----------------|----------------|
| Info providers  | 7              |
| Multi providers | 18             |
| DSOs            | 37             |
| Info areas      | 5              |
| Info sources    | 2              |
| Info objects    | 379            |

Note: The above numbers are the best estimates extracted from SAP BW Production Server as on 10.01.2021. The actual numbers that need migration may vary by upto 10 %.

## 2. Scope of Work for Development & Maintenance Phase

| SI No | Technical / Functional Area                  | Major Activities to be Completed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | Solution Manager                             | Activation and Configuration of CHaRM and ITSM functionalities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2     | SAP Fiori                                    | <ul style="list-style-type: none"> <li>• SAP Fiori Set up (Dev/Quality/Prod) using embedded gateway within S4H</li> <li>• SAP Web-Dispatcher Setup and configuration (for S4H &amp; Fiori landscape).</li> <li>• Gateway and Fiori frontend server configuration / reconfiguration after system upgrade- Standard App activation.</li> <li>• Set up Fiori Launchpad and Launchpad Designer.</li> <li>• Role matrix for the Fiori Role with apps and Catalogs.</li> <li>• Activation of all Standard Fiori Apps and 25 custom apps.</li> <li>• Minimum of 100 FIORI Screen Development</li> <li>• Knowledge transfer to LIC team through onsite training and documentation.</li> </ul>        |
| 3     | BW4HANA Migration from BW on HANA            | <p>Upgrade to latest version BW4HANA from BWOH.</p> <p>Do all activities including data modeling, required for migrating and making live the existing reports.</p> <p>Integration with Business Objects for Reporting as well as dashboards.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 4     | BW Quality                                   | <p>Quality system to be developed for BW4HANA</p> <p>BW Quality to be included in DR setup and landscape</p> <p>ETL connection between S4 Quality and BW4HANA Quality</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 5     | Business Objects and Lumira - latest version | <p>This will be the portal for all reporting needs of the Investment Departments.</p> <ul style="list-style-type: none"> <li>• Installation and Integration with S4HANA, BW4H.</li> <li>• Landscape setup.</li> <li>• Universe creation</li> <li>• Views Creation for various subject areas</li> <li>• Data Modeling</li> <li>• ETL</li> <li>• Roles and authorizations.</li> <li>• Audit Enablement for reports and usage.</li> <li>• Mobile reporting</li> </ul> <p>Development of 10 reports with medium level complexity, 15 reports with high level complexity based on BW4HANA database and creation of minimum of 2 complex dashboards reflecting the entire Investment Universe.</p> |
| 6     | Process Integration                          | <p>SAP PO latest version- New Installation ( 4 tier) and Mandatory technical activities for new PI interfacing server</p> <p>Development of 15 New Interfaces using PO to replace existing upload / download from Desktop and / or other methods</p>                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 7     | Custom Code Push Down - CDS views            | <p>Enabling in-memory/embedded analytics by Optimizing 10 critical Custom Codes as determined by LIC for Code push-down at database level and further generating reports through the same.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

|    |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8  | 2 Factor / Biometric Authentication for login | 2 Factor Biometric Authentication for login to Systems using LIC's existing biometric solution.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 9  | New GRC Installation - latest version         | <p>DEV/Quality/Production with Full landscape at DR.</p> <p>To be integrated with SAP Router</p> <p>Implementation of Access and Process Controls for TRM, FI, Cash Management and Loans Module. Automate access assignments across SAP and non-SAP systems</p> <p>Details of Access Controls</p> <p>Following components of GRC Access Controls 12.x</p> <ul style="list-style-type: none"> <li>• Access Risk Analysis (ARA)</li> <li>• Emergency Access Management (EAM)</li> <li>• Business Role Management (BRM)</li> <li>• Access Request Management (ARM)</li> <li>• User Access Review (UAR)</li> </ul> <p>Standard GRC SOD rule book to be enabled for SAP S4 Hana system and the same to be modified for any SOD risk not relevant as per business requirement given by LIC team.</p> <p>For Treasury and Loan management custom SOD risk will be created based on the inputs from the process owners for rest of the module standard SOD rule book will be implemented. IRDAI limits/ Exposure triggers and breaches to be implemented in GRC (currently trigger management is handled in ECC using custom code).</p> <p>Create the mitigation controls for certain risks that cannot be remediated, subject to maximum of twenty controls across all modules as per inputs received from business.</p> <p>Two Emergency access management (Firefighter), access request workflow to be configured for assignment of FF id's to the users Firefighter Ids will be created based on information provided.</p> <p>User access management workflows to be configured for user provisioning in all system. Minimum four workflows, as per standard available workflow functionality</p> <p>Standard SAP GRC reports, and dashboards to be configured and enabled</p> <p>Custom automated controls to be configured wherever required</p> |
| 10 | Forms                                         | Conversion of all existing SAP Script forms to Smart Forms- Refer Table 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 11 | Web Dispatcher                                | Installation of latest version with integration of S4H and GRC access - Production primary and far DR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 12 | BASIS support                                 | Support throughout the project duration to assist with end to end cloud management, technical configuration / troubleshooting, system integration, System Integrations Test (SIT) / User Acceptance Test (UAT) support, cutover support and post go-live assistance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

|    |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13 | Knowledge Transfer     | Knowledge Transfer with Complete documentation pertaining to the Development and Maintenance Phase to Core Team                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 14 | Core Team Training     | <p>Conduct of workshops with detailed documentation for Core team on</p> <ul style="list-style-type: none"> <li>• Fiori implementation, design and Deployment(including SAPUI5)</li> <li>• SolMan - covering All utilities which are activated</li> <li>• GRC- all modules,</li> <li>• PO- All processes which are integrated,</li> <li>• CDS Views</li> <li>• End to end Cloud Management for the entire landscape.</li> <li>• Differences in ABAP Development (including tools like Eclipse) between ECC and HANA</li> <li>• BW4HANA modeling and ETL Processes.</li> <li>• Business Objects Data Modelling, ETL as well as Report and Dashboard creation. Management of Data Refresh at the BO level, integration with Analysis Office.</li> <li>• HANA database management &amp; daily monitoring.</li> <li>• Embedded Analytics and Code pushdown- Hands on training.</li> <li>• Backup Training</li> </ul> |
| 15 | Network                | Proactive Provisioning and maintenance of Network links between the cloud data center to LICs own LAN at three locations, Yogakshema, Vile Parle and Bangalore                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 16 | Compliance Requirement | <p>To comply with various security guidelines :</p> <p>IRDAI's system audit of investment department</p> <p>IRDAI's guidelines on information and cyber security for insurers</p> <p>Other guidelines issued by NCIIPC, Cert-In etc.</p> <p>Provide annual cloud center Audit Report, TIA certificate, MeitY Empanelment validity certificate</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

### 3. Scope of Work for Support Phase (Support and Maintenance of S4 HANA on Cloud ).

| Sl . No | Technical /Functional Area                       | Major activities to be completed                                                                                                                                                                                                                                                                                            |
|---------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | Daily Activities to be performed on cloud.       | Complete Infrastructure management with SLA Management of 99.95% of SAP login level                                                                                                                                                                                                                                         |
| 2       | BACKUP                                           | Given in Detail in Annexure Q.<br>Backup restoration to be performed as and when required                                                                                                                                                                                                                                   |
| 3       | Switching to/From DR site                        | Monthly Once -Users will work from the switched system location.<br>All transactions done on the Switched site will be seamlessly replicated to the other site, as if the site was production site, no data loss or data delay shall be permitted.                                                                          |
| 4       | System Refresh                                   | Monthly once ( S4H& BW4H) -Quality system will be refreshed with production data.                                                                                                                                                                                                                                           |
| 5       | Installation of latest upgrades/patches          | Installation of latest upgrades of OS, DB and APPLICATION as and when required atleast Once in a year. High risk/security patches to be proactively monitored and immediately applied.                                                                                                                                      |
| 6       | All Documentations relating to BASIS Activities. | To provide all Documentations relating to BASIS Activities.                                                                                                                                                                                                                                                                 |
| 7       | Uptime                                           | Maintain uptime of all systems at 99.95% at SAP user login level.                                                                                                                                                                                                                                                           |
| 8       | Network                                          | Proactive Provisioning and maintenance of Network links between the cloud data center to LICs own LAN at three locations, Yogakshema, Vile Parle and Bangalore                                                                                                                                                              |
| 9       | Compliance Requirement                           | To comply with various security guidelines :<br>IRDAI's system audit of investment department<br>IRDAI's guidelines on information and cyber security for insurers<br>Other guidelines issued by NCIIPC, Cert-In etc.<br>Provide annual cloud center Audit Report, TIA certificate, MeitY Empanelment validity certificate. |



## Readiness Check for S4 HANA on SAP S4HANA version 1809

The following readiness check conducted by SAP is being shared as a part of the RFP, to assist the bidders to define and estimate the correct scope of migration. However bidders to note that the readiness check is done on the S4 HANA version 1809, whereas the version to be implemented in this project shall be the latest released version of S4 HANA.

# SAP Readiness Check for SAP S/4HANA version 1809 Covering {\$-SPROD\_VERSS\$-}

|                  |                                     |
|------------------|-------------------------------------|
| Customer Name    | Life Insurance Corporation of India |
| Customer Number  | 0000402902                          |
| System ID        | RP1                                 |
| Date of Analysis | 07/05/2018                          |

SAP SE  
Dietmar-Hopp-Allee 16  
D-69190 Walldorf  
SAP Digital Business Services

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# 1 Introduction

## 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 and Data Volume Management
- SAP Business Process Analytics
- Required Adjustments for BW Extractors

## 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 |
|---------------------------|------------------|
| RP1                       | 07/05/2018       |

### SAPS/4HANA: TARGET PRODUCT VERSION

| Product     | Product Version  |
|-------------|------------------|
| SAP S/4HANA | SAP S/4HANA 1709 |

### INSTALLED PRODUCT VERSION

| SID | Installed Product Version |
|-----|---------------------------|
| RP1 | EHP6 FOR SAP ERP 6.0      |

### CURRENT DATABASE

| SID | Database System | DB ID | Unicode |
|-----|-----------------|-------|---------|
| RP1 | ORACLE          | RP1   | Yes     |

### OPERATING SYSTEM / SAP KERNEL

| SID | Operating System | OS Version | SAP Kernel Release |
|-----|------------------|------------|--------------------|
| RP1 | SunOS            | 5.10       | 722                |

## 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 |
|---------|-------------------|
| Unknown | 1                 |

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

None

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

| Software Component | Status  | SAP Note |
|--------------------|---------|----------|
| EA-HRCUN 600[0]    | Unknown |          |

#### 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\('8987770000010142'\)/ObjectPage/section/addon/Type=S4\\_HANA](https://launchpad.support.sap.com/#readiness/TransactionSet('8987770000010142')/ObjectPage/section/addon/Type=S4_HANA)

## 2.2 Active Business Functions

#### OVERVIEW BY STATUS

None

No business function information available, check maintenance planner for more information.

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

There are no incompatible business functions.

No business function information available, check maintenance planner for more information.

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\('8987770000010142'\)/ObjectPage/section/businessfunction/Type=S4\\_HANA](https://launchpad.support.sap.com/#readiness/TransactionSet('8987770000010142')/ObjectPage/section/businessfunction/Type=S4_HANA)

## 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                                                                               | 535               |
| Check performed, item is not relevant. No follow-up activity necessary.                                              | 491               |
| Check performed, item is relevant (excludes “ <i>non strategic items</i> ”).<br>Check business impact note.          | 31                |
| Relevance cannot be automatically determined. (excludes “ <i>non strategic items</i> ”). Check business impact note. | 6                 |
| Check performed, “ <i>non strategic</i> ” item is relevant. Check business impact note.                              | 5                 |
| Relevance for “ <i>non strategic</i> ” item cannot be automatically determined.<br>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

| Application Area | Title                                                                 | Category                                      | SAP Note       | Relevance                                                                                             |
|------------------|-----------------------------------------------------------------------|-----------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------|
| Cross Topics     | <b>S4TWL - BI Extractors in SAP S/4HANA</b><br>SI18: CT_BW_EXTRACTORS | Functionality unavailable (equivalent exists) | <u>2500202</u> | Item is relevant. DB table 'ROOSOURCE' based check. Relevant criteria is '>0' and number found is 1 . |

| Application Area                 | Title                                                                                        | Category                                      | SAP Note                       | Relevance                                                                                                     |
|----------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------|
| Cross Topics                     | <b>S4TWL - Business User Management</b><br>SI21: BUSINESS_USER                               | Change of existing functionality              | <a href="#"><u>2570961</u></a> | Item is relevant. DB table 'USR02' based check. Relevant criteria is '>0 ' and number found is 1 .            |
| Cross Topics                     | <b>S4TWL - JOB SCHEDULING</b><br>SI8:CROSS_BC_CCM-BTC                                        | Change of existing functionality              | <a href="#"><u>2318468</u></a> | Item is relevant. DB table 'CVERS' based check. Relevant criteria is '>0 ' and number found is 1 .            |
| Financials - Cash Management     | <b>S4TWL - CASH MANAGEMENT - GENERAL</b><br>SI1_FIN_CM                                       | Change of existing functionality              | <a href="#"><u>2270400</u></a> | Item is relevant. DB table 'FDSR' based check. Relevant criteria is '>0 ' and number found is 1 .             |
| Financials - Controlling         | <b>S4TWL - Profitability Analysis</b><br>SI9: FIN_CO                                         | Change of existing functionality              | <a href="#"><u>2349278</u></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><br>SI11: FIN_CO                      | Change of existing functionality              | <a href="#"><u>2349282</u></a> | Item is relevant. DB table 'TKKR1' based check. Relevant criteria is '>0 ' and number found is 1 .            |
| Financials - General             | <b>S4TWL - DATA MODEL CHANGES IN FIN</b><br>SI1_FIN_General                                  | Change of existing functionality              | <a href="#"><u>2270333</u></a> | Item is relevant. DB table 'BKPF' based check. Relevant criteria is '>100 ' and number found is 101 .         |
| Financials - General             | <b>S4TWL - REPLACED TRANSACTION CODES AND PROGRAMS IN FIN</b><br>SI2_FIN_General             | Functionality unavailable (equivalent exists) | <a href="#"><u>2270335</u></a> | Item is relevant. DB table 'BKPF' based check. Relevant criteria is '>0 ' and number found is 1 .             |
| Financials - General Ledger      | <b>S4TWL - Currencies in Universal Journal</b><br>SI6_FIN_GL                                 | Change of existing functionality              | <a href="#"><u>2344012</u></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><br>SI1_FIN_GL                                                  | Change of existing functionality              | <a href="#"><u>2270339</u></a> | Item is relevant. DB table 'BKPF' based check. Relevant criteria is '>0 ' and number found is 1 .             |
| Financials - International Trade | <b>S4TWL - Determination of default values in Intrastat reporting</b><br>SI3: FIN_SLL_ISR_DV | Change of existing functionality              | <a href="#"><u>2468294</u></a> | Item is relevant. DB table 'T605Z' based check. Relevant criteria is '>0 ' and number found is 1 .            |
| Financials - Miscellaneous       | <b>S4TWL - Credit Management</b><br>SI1: FIN_MISC_CR                                         | Functionality unavailable (equivalent exists) | <a href="#"><u>2270544</u></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><br>SI4: FIN_MISC_ARCH                  | Change of existing functionality              | <a href="#"><u>2170722</u></a> | Item is relevant. DB table 'BKPF' based check. Relevant criteria is '>1000000 ' and number found is 1000001 . |



| Application Area                               | Title                                                                                                             | Category                                      | SAP Note                | Relevance                                                                                                   |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------|
| Financials - Treasury and Risk Management      | <b>S4TWL - Accrual/Deferral of Expenses and Revenues</b><br>SI3: FIN_TRM                                          | Functionality unavailable (equivalent exists) | <a href="#">2270462</a> | Item is relevant. DB table 'TRDT_TRDBUSTRANS' based check. Relevant criteria is '>0' and number found is 1. |
| Financials - Treasury and Risk Management      | <b>S4TWL - Correspondence Functionality</b><br>SI1: FIN_TRM                                                       | Functionality unavailable (equivalent exists) | <a href="#">2270450</a> | Item is relevant. DB table 'VTBKORES' based check. Relevant criteria is '>0' and number found is 1.         |
| Financials - Treasury and Risk Management      | <b>S4TWL - Drilldown Reporting in Treasury and Risk Management</b><br>SI10: FIN_TRM                               | Functionality unavailable (equivalent exists) | <a href="#">2270522</a> | Item is relevant. DB table 'VDARL' based check. Relevant criteria is '>0' and number found is 1.            |
| Financials - Treasury and Risk Management      | <b>S4TWL - Interest Rate and Yield Curve Functionality</b><br>SI2: FIN_TRM                                        | Functionality unavailable (equivalent exists) | <a href="#">2270461</a> | Item relevant; business function FIN_TRM_YCF is inactive                                                    |
| Financials - Treasury and Risk Management      | <b>S4TWL - Quantity Ledger Always Active for Money Market Transactions</b><br>SI14: FIN_TRM                       | Change of existing functionality              | <a href="#">2270529</a> | Item is relevant. DB table 'TRDT_TRDBUSTRANS' based check. Relevant criteria is '>0' and number found is 1. |
| Globalization Financials                       | <b>S4TWL - Annexing Solution for Israel</b><br>SI2_GSFIN_LOCIL                                                    | Change of existing functionality              | <a href="#">2437547</a> | Item is relevant. DB table 'VTBFHA' based check. Relevant criteria is '>0' and number found is 1.           |
| Globalization Logistics                        | <b>S4TWL - Globalization – Logistics</b><br>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><br>SI5: HR_JAVA_ESS_MSS                                                     | Functionality unavailable (equivalent exists) | <a href="#">2383879</a> | Item is relevant. DB table 'HRP1001' based check. Relevant criteria is '>0' and number found is 1.          |
| Industry Banking                               | <b>S4TWL - CML-specific functions with regard to collaterals and collateral objects</b><br>SI2: Loans_CML_Banking | Functionality unavailable (equivalent exists) | <a href="#">2369934</a> | Item is relevant. DB table 'VDLV' based check. Relevant criteria is '>0' and number found is 1.             |
| Logistics - ATP                                | <b>S4TWL - New advanced ATP in SAP S/4HANA – Table VBBS</b><br>SI1: Logistics_ATP                                 | Functionality unavailable (equivalent exists) | <a href="#">2267745</a> | Item is relevant. DB table 'TMVF' based check. Relevant criteria is '>0' and number found is 1.             |
| Logistics - Environment, Health & Safety (EHS) | <b>S4TWL - Specification Workbench Adjustments</b><br>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 - Material Ledger Obligatory for Material Valuation</b><br>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.            |

| Application Area     | Title                                                                              | Category                                      | SAP Note                | Relevance                                                                                          |
|----------------------|------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------|----------------------------------------------------------------------------------------------------|
| Logistics - PP       | <b>S4TWL - Planning File</b><br>SI12: Logistics_PP                                 | Change of existing functionality              | <a href="#">2268088</a> | Item is relevant. DB table 'T001W' based check. Relevant criteria is '>0 ' and number found is 1 . |
| Logistics - PP       | <b>S4TWL - Planning Horizon</b><br>SI35: Logistics_PP                              | Functionality unavailable (no equivalent)     | <a href="#">2270241</a> | Item is relevant. DB table 'T001W' based check. Relevant criteria is '>0 ' and number found is 1 . |
| Master Data          | <b>S4TWL - Business Partner Approach</b><br>SI2: MasterData_BP                     | Change of existing functionality              | <a href="#">2265093</a> | Item is relevant. DB table 'KNA1' based check. Relevant criteria is '>0 ' and number found is 1 .  |
| Procurement          | <b>S4TWL - Output Management Adoption in Purchase Order</b><br>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 .  |
| Sales & Distribution | <b>S4TWL - Credit Management</b><br>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><br>SI2: SD_PRIC                    | Change of existing functionality              | <a href="#">2267308</a> | Item is relevant. DB table 'KONH' 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                | Relevance                                         |
|--------------------------|----------------------------------------------------------------------------------|-----------------------------------------------|-------------------------|---------------------------------------------------|
| Cross Topics             | <b>S4TWL - Changed Interfaces</b><br>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><br>SI10: CT_FIORI | Change of existing functionality              | <a href="#">2288828</a> | Relevance cannot be determined. Run manual check. |
| Globalization Financials | <b>S4TWL - Globalization – Financials</b><br>SI1_GSFIN                           | Functionality unavailable (equivalent exists) | <a href="#">2270311</a> | Relevance cannot be determined. Run manual check. |

| Application Area     | Title                                                                                                | Category                                      | SAP Note                | Relevance                                         |
|----------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------|---------------------------------------------------|
| Logistics - PLM      | <b>S4TWL - Enterprise Search in SAP Product Lifecycle Management (SAP PLM)</b><br>SI1: Logistics_PLM | Change of existing functionality              | <a href="#">2267836</a> | Relevance cannot be determined. Run manual check. |
| Procurement          | <b>S4TWL - MDM Catalog</b><br>SI7: PROC_MDM                                                          | Functionality unavailable (equivalent exists) | <a href="#">2271184</a> | Relevance cannot be determined. Run manual check. |
| Sales & Distribution | <b>S4TWL - Webshops by Internet Sales or Web Channel Experience Management</b><br>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                | Relevance                                                                                           |
|------------------|---------------------------------------------------------------------------------------|--------------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------|
| Cross Topics     | <b>S4TWL - LEGACY SYSTEM MIGRATION WORKBENCH</b><br>SI9: CT_LSMW                      | Non-strategic-function (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><br>SI4: CT_OM                                        | Non-strategic-function (equivalent exists) | <a href="#">2470711</a> | Item is relevant. DB table 'CVERS' based check. Relevant criteria is '>0' and number found is 1 .   |
| Human Resources  | <b>S4TWL - General HCM Approach within SAP S/4HANA</b><br>SI1: HR_OP                  | Non-strategic-function (equivalent exists) | <a href="#">2273108</a> | Item is relevant. DB table 'HRP1001' based check. Relevant criteria is '>0' and number found is 1 . |
| Logistics - PP   | <b>S4TWL - MRP in HANA</b><br>SI11: Logistics_PP                                      | Non-strategic-function (equivalent exists) | <a href="#">2268085</a> | Item is relevant. DB table 'T001W' based check. Relevant criteria is '>0' and number found is 1 .   |
| Master Data      | <b>S4TWL - Batch Input for Customer Master/Supplier Master</b><br>SI25: MasterData_BP | Non-strategic-function (equivalent exists) | <a href="#">2492904</a> | Item is relevant. DB table 'KNA1' 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                       | Relevance                                         |
|------------------|---------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------|---------------------------------------------------|
| Cross Topics     | <b>S4TWL - Custom Fields</b><br>SI13: CT_Custom-Fields                                      | Non-strategic-function (no equivalent yet) | <a href="#"><u>2320132</u></a> | Relevance cannot be determined. Run manual check. |
| Cross Topics     | <b>S4TWL - Side Panel functionality in SAP S/4HANA (on-premise)</b><br>SI14: CT_SIDE_PANELS | Non-strategic-function (no equivalent yet) | <a href="#"><u>2340424</u></a> | Relevance cannot be determined. Run manual check. |

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

[https://launchpad.support.sap.com/#readiness/TransactionSet\('8987770000010142'\)/ObjectPage/section/simplification/Type=S4\\_HANA](https://launchpad.support.sap.com/#readiness/TransactionSet('8987770000010142')/ObjectPage/section/simplification/Type=S4_HANA)

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

Custom Code checks have been performed in system RP1.

### 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           | 220               |
| Relevant SAP Notes        | 14                |
| Non-Relevant SAP Notes    | 206               |
| Total Custom Code Objects | 2581              |
| Total Modifications       | 162               |

#### SIMPLIFICATION ITEMS AFFECTING CUSTOM CODE

| SAP Note                       | Custom Code Topic                                                                                         | Estimated Impact |
|--------------------------------|-----------------------------------------------------------------------------------------------------------|------------------|
| <a href="#"><u>1976487</u></a> | Information about adjusting customer-specific programs to the simplified data model in SAP Simple Finance | Medium           |
| <a href="#"><u>2224144</u></a> | Deprecation / Restricted Availability of IS-Beverage functionalities in S/4HANA                           | Low              |
| <a href="#"><u>2224144</u></a> | Deprecation / Restricted Availability of IS-Beverage functionalities in S/4HANA                           | Low              |
| <a href="#"><u>2228244</u></a> | SAP S/4HANA Simplification: DIMP Automotive - Dealer portal (DIWI and BSP-based)                          | Low              |
| <a href="#"><u>2270335</u></a> | S4TWL - Replaced Transaction Codes and Programs in FIN                                                    | Low              |
| <a href="#"><u>2270400</u></a> | S4TWL - Cash Management - General                                                                         | Low              |
| <a href="#"><u>2296016</u></a> | SAP S/4 HANA custom code adaption - removal of orphaned objects                                           | Low              |
| <a href="#"><u>2320132</u></a> | S4TWL - Custom Fields                                                                                     | Medium           |
| <a href="#"><u>2371602</u></a> | S4TWL - Retail Order Optimizing: Load Build, Investment Buy                                               | Low              |
| <a href="#"><u>2383997</u></a> | SAP S/4HANA Simplification : Distributor Reseller Management                                              | Low              |
| <a href="#"><u>2389136</u></a> | sFIN Data Migration for G/L Accounts and Cost Elements & ALE - Technical Information                      | Low              |

| SAP Note                | Custom Code Topic                                                                            | Estimated Impact |
|-------------------------|----------------------------------------------------------------------------------------------|------------------|
| <a href="#">2431747</a> | General Ledger: Incompatible changes in S/4HANA compared to classic ERP releases             | Medium           |
| <a href="#">2438131</a> | Material Number Field Length Extension: Code Adaptions for usages of released RFCs and BAPIs | Low              |
| <a href="#">2445654</a> | S4TWL - Actual labor and costing                                                             | Low              |

## 5 Required Adjustments for 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: Data Source is available with SAP S/4HANA and works without any restrictions compared to SAP ERP.
  - Restrictions: Data Source 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 white list those in general. Experience so far shows that they should be working without restrictions.
- DS Not Working
  - Alternative Exists: Data Source is not working with SAP S/4HANA but an alternative exists, such as a new extractor or CDS view.
  - No Alternative Exists: Data Source is not working with SAP S/4HANA and there is no alternative.
  - Alternative Planned: Data Source is not working with SAP S/4HANA but there will be an equivalent available on roadmap for future release.
- DS Obsolete: Data Source is obsolete - legacy extractors
- DS Not Relevant: Data Source 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](#).

### TOP 20 BUSINESS WAREHOUSE EXTRACTORS

No data available

## 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                                                                      |
|--------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <u>Carry Forward Balances</u>  | General Ledger Accountant      | With this app, you can carry forward balances from one fiscal year to the next for a specific ledger in General Ledger Accounting. You can then initiate opening balances, update balance sheet data, and view the company's operating results and overall financial situation. You can see the number of posted documents after you have carry forward a specific line item. The system automatically corrects the balance carryforward in case of subsequent postings to the previous year, but allows you to run the application as often as necessary. This app is available for the role General Ledger Accountant. | Relevance based on usage of transaction FAGLVTR (G/L: Balance Carried Forward) |
| <u>Clear G/L Accounts</u>      | General Ledger Accountant      | You can use this app to manually clear G/L account open items that did not clear automatically.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Relevance based on usage of transaction F-03 (Clear G/L Account)               |
| <u>Clear Incoming Payments</u> | Accounts Receivable Accountant | You use this app to clear a receivable payment manually, such as an open incoming payment for a customer invoice. The system usually clears these payments automatically. However, sometimes customer information is missing and the system cannot find appropriate open items that match the payment. In this case, you have to clarify this payment, match it to the correct open invoices and credit memos as aligned with your customer, and clear the payment manually.                                                                                                                                             | Relevance based on usage of transaction F-32 (Clear Customer)                  |

| Name                                    | Role                                           | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Relevance                                                                      |
|-----------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <u>Controlling Document (S/4HANA)</u>   | Controller                                     | This object page displays contextual information about the Controlling Document 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 FB03 (Display Document)                |
| <u>Customer Master Factsheets</u>       | Master Data Specialist - Business Partner Data | With this app, you can display an overview of the customer data.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Relevance based on usage of transaction XD03 (Display Customer (Centrally))    |
| <u>Display Customer Summary - China</u> | Accounts Receivable Accountant for China       | With this app, you can display a summary of customer account balances: balances at the start and end of a specified period. The summary also shows the credit and debit of the period and those of the current fiscal year. By viewing the summary, you can get a big picture of the balances of customer accounts and make sure that payment from customers are collected and confirmed duly. The app is available for the role Accounts Receivable Accountant.                                                                                                                                                                                                                    | Relevance based on usage of transaction FBL5N (Customer Line Items)            |
| <u>Display G/L Account Balances</u>     | General Ledger Accountant                      | You can use this app to check and compare the balances, and the credit and debit amounts of a ledger in a company code for each period of a fiscal year. You can restrict the data to a single general ledger account, or use other selection criteria (for example profit center). You can see the balances for the periods in the selected year, but you can click through to other periods by choosing Previous Periods. Note You can scroll between the periods only for the selected year and the previous year. In a further view, you can compare the balances relating to several fiscal years with each other. This app is available for the business role G/L accountant. | Relevance based on usage of transaction F.08 (G/L: Account Balances)           |
| <u>Display Treasury Position Flows</u>  | Treasury Risk Manager                          | With this app you can track the position flows for financial transactions and positions. This app provides a list of flows of selected positions in the treasury sub ledger, as well as detailed information on the flows and navigation possibilities. Note This app does not consider sub-positions, so flows from Hedge Accounting for Positions and value adjustment flows regarding P-GAAP are not selected.                                                                                                                                                                                                                                                                   | Relevance based on usage of transaction TPM13 (Treasury Ledger: Flow List)     |
| <u>Display Treasury Position Values</u> | Treasury Risk Manager                          | With this app you can display a list of positions in the treasury subledger and their position component values on any selected key date. Examples of position component values include book value, purchase value, write-up/write-down in valuation, and position currency.                                                                                                                                                                                                                                                                                                                                                                                                        | Relevance based on usage of transaction TPM12 (Treasury Ledger: Position List) |





#### BUSINESS PROCESS ANALYTICS KPI

No data available

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

[https://launchpad.support.sap.com/#readiness/TransactionSet\('8987770000010142'\)/ObjectPage/section/bpa/Type=S4\\_HANA](https://launchpad.support.sap.com/#readiness/TransactionSet('8987770000010142')/ObjectPage/section/bpa/Type=S4_HANA)

## 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.

## 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.                                                                                                                                         |

The Executive Director (INVM),  
LIC of India, Central Office, East Wing, 6<sup>th</sup> Floor,  
YOGAKSHEMA,  
Mumbai - 400 021

Date:

Dear Sir/Madam,

Sub: 'RFP For HANA Cloud Services (migration, hosting and managing of Investment System) for Life Insurance Corporation of India' Ref:

**LIC/CO/INVM/IIRMS/RFP/2020-2021/1** dated 08-Feb-2021

This has reference to the LIC's Tender, Reference mentioned above. We \_\_\_(name and address of the bidder)\_\_\_ hereby confirm that we have gone through and understood this RFP including its Scope of Work Document (Annexure-N) along with its annexure/ appendices / clarifications/ addenda/ corrigenda. We agree to deliver services as required in this document.

Dated at \_\_\_ this \_\_\_ day of \_\_\_ 2021

Thanking you,

Authorized Signatory of the bidder Name:

Designation: Date:

Place:

Seal of the company