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Installation Guide for SAP Asset Information Workbench by Utopia for S/4HANA

Release 1909

Document History

The following table provides an overview of the most important document changes and approvals.

Version	Date	Description	Name
1.0	04-10-2019	Initial version	Rahul Ganjiwale
1.1	07-08-2020	Updated sizing section	Rahul Ganjiwale

Approval History

Version	Date	Description	Name
1.0	04-10-2019	Initial Version	Lyle Snyder
1.1	07-08-2020	Updated sizing section approved	Lyle Snyder

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1. Overview

Installation of Add-On SAP Asset Information Workbench (AIW) 1909 by Utopia for S/4HANA. This guide is updated on a regular basis. Ensure to you have the current version of this note before you start the installation.

1.1. Technical Information

You want to use AIW 1909 Add-On SAP Asset Information Workbench by Utopia for S/4HANA.

Release	Task	Tool
UGI7 400	Installation/Upgrade	SAINT
UGIOD07 400	Installation/Upgrade	SAINT
UGIAIWUI 400	Installation/Upgrade	SAINT

1.2. Related Terms

- Saint, Add-On, UGI, AIW, SAP Asset Information Workbench 1909 by Utopia, SAP Master Data Governance, Enterprise Asset Management, Plant Maintenance, EAM
- DVD: TBD
- Technical Usage and Instance: SAP Asset Information Workbench 1909 by Utopia
- Add-on Product: SAP Asset Information Workbench 1909 by Utopia
- Software Components: UGI7 Version 400

1.3. Prerequisites

In this section, the important prerequisite information is listed.

Note

The restrictions that concern the upgrade and maintenance of your SAP system occurs because of installing an add-on as described in the referred release strategy note.

Obtain the following notes before you begin the installation.

- Add-ons - General Conditions and Upgrade Planning: [70228](#)
- SAP Asset Information Workbench by Utopia 1909 for S/4HANA Release Information Note: [2837697](#)
- Customizing after Installation/Upgrade: [337623](#)
- Problems with transaction SAINT: [822380](#)
- Release Strategy for SAP Asset Information Workbench by Utopia: [2518915](#)
- Functional Restrictions in SAP Asset Information Workbench 1909 by Utopia for S/4HANA: [2837674](#)

Required release:

- Add-on SAP Asset Information Workbench 1909 by Utopia requires UGI EAM 1909 Solution running on S/4HANA 1809 FPS02 or 1909.
- Refer to Installation Guide of UGI EAM 1909 solution for information on installing this prerequisite.

Additional information about the installation:

- DVD material number add-on installation: TBD
- DVD could be downloaded from SAP Service Marketplace: <https://support.sap.com/swdc>

1.4. Constraints

Refer to the following documents:

- [2837697](#) - SAP Asset Information Workbench by Utopia 1909 for S/4HANA Release Information Note.
- [2837674](#) - Functional Restrictions in SAP Asset Information Workbench by Utopia 1909 for S/4HANA

1.5. Component Information

Component	Release	Support Package	Description
UGI7	400	SP00	SAP Asset Information Workbench by Utopia
UGIOD07	400	SP00	SAP AIW Integration framework by Utopia
UGIAIWUI	400	SP00	SAP AIW Fiori Frontend by Utopia

2. Preparation

You must have already installed UGI EAM 1909 Solution for S/4HANA 1809 or 1909.

2.1. Applicable Notes

As EAM 1909 is a pre-requisite for AIW 1909, notes applicable for EAM 1909 are also applicable for AIW. Please review and apply relevant pre-requisite notes in accordance after referring to the EAM 1909 installation guide.

2.2. Sizing

Refer to standard [sizing guides](#) and tools for evaluating sizing needs.

2.2.1. Throughput based Sizing (CPU and Memory)

As the Utopia objects are not yet available in SAP online quick sizer tool, while doing your sizing for AIW objects, please consider 1 MDG-UGI-AIW process ~ 1 MDG-MM Process.

These are the potential EAM Objects in Scope: Equipment (EQ), Functional Location (FL), Bill of Material (MB), Work Center (WC), Task List (TL), Object Link (OL), Object Network (ON), Measuring Point (MP), Maintenance Plan /Item (MI), Service Master (SV) for AIW.

As AIW change requests (MOCR) can contain multiple EAM objects, consider the number of EAM objects with the AIW CR as well.

For example; If the scope for an AIW CR is for 1 Equipment (EQ), and 1 Functional Location (FL), then this is how you can calculate the input for the Quick Sizer tool:

- 1 AIW sizing objects ~ 1 sizing objects (1 EQ + 1 FL) of Material (MDG-MM).

For sizing, you can use the Quick Sizer (www.sap.com/sizing --> Quick Sizer) by mapping the processes to Master Data Governance for Material (MDG-MM)

2.2.2. User based Sizing (CPU and Memory)

As the Utopia objects are not yet available in SAP online quick sizer tool, while performing user-based sizing, please consider 1 MDG-UGI-AIW-USER ~ 1 MDG-MM-USER.

These are the potential EAM Objects in Scope: Equipment (EQ), Functional Location (FL), Bill of Material (MB), Work Center (WC), Task List (TL), Object Link (OL), Object Network (ON), Measuring Point (MP), Maintenance Plan /Item (MI), Service Master (SV) for AIW.

As AIW change requests (MOCR) can contain multiple EAM objects, consider the number of EAM objects with the AIW CR.

For example; If the scope for an AIW CR is for 1 Equipment (EQ), and 1 Functional Location (FL) User, then this is how you can calculate the input for the Quick Sizer tool:

- 1 AIW User ~ 2 Users (1 EQ + 1 FL) of Material (MDG-MM-USER)

For sizing you can use the Quick Sizer (www.sap.com/sizing --> Quick Sizer) by mapping the processes to Master Data Governance for Material (MDG-MM-USER).

3. Pre-upgrade installation

Note

This step is Important and critical.

If the installation is an upgrade of prior release, please ensure to perform the critical steps noted below prior to initiating the upgrade.

1. To upgrade to MDG EAM AIW 1909 version in preparation for S/4HANA 1909 Migration from ERP on S/4HANA, when an existing installation of EAM AIW is already installed and running in a system, ensure that all the Change Requests related to the U1 Data Model are in either “Final Check Approved” or “Final Check Rejected” status.
2. This can be seen easily in table USMD120C and filtered by all the Change Request Types used in your system for the U1 Data Model.

Check that the statuses are all “05- Final Check Approved” or “06-Final Check Rejected”.

This step is required due to major changes within the Data Model in MDG EAM 1909.

If the suggested action is not performed, all the staging data of the running /open Change Requests will be corrupted and will not work as expected.

4. Installation

Installation or Upgrade of UGI7 and other add-ons can be performed via transaction SAINT or SUM tool once the SAP S/4HANA 1809 FPS02 or 1909 has been installed and all mentioned pre-requisite notes have been reviewed and applied as applicable. It is not possible to directly perform both upgrade and migration of AIW in one step. If you are planning for migration to S/4HANA from ERP with AIW component previously installed, the minimum requirement for AIW prior to migration is EAM 1909. Refer to EAM Installation guide for further details.

Note

Ensure you have secured the installation password, found in the Info tab of the SAP Software Download Center for the add-on component.

It is recommended to take a backup prior to installation of add-ons. For deploying any subsequent support packages at a later stage, you can use the SPAM tool.

4.1. Steps

- Generate the stack.xml file using either using SAP Maintenance planner or using the SAP Maintenance Optimizer.
- In the SAP Maintenance Optimizer or Maintenance Planner, select the relevant add-on product version AIW 1909 using 'Choose Add-on Products' options.
- Go through the guided procedure to generate the stack.xml and add the packages to SAP Download Manager.
- Download and extract the packages to directory <DIR_TRANS>/EPS/in of the application and save the stack.xml.
- Call transaction SAINT and choose 'Start' -> 'Load' to upload the Packages from the EPS Inbox.
- After upload, choose 'Back' and 'Start' again. Select the add-on component UGI7 by providing stack.xml and choose 'Continue'. If the necessary conditions for importing the add-on have been fulfilled, the system displays the relevant queue. The queue consists of the add-on packages and can also contain Support Packages and other add-on packages. To start the installation process, choose 'Continue' and run the import.
- After the process returns after completion click on 'Finish' to conclude the Installation process.

For more information on the prerequisite guides, see the relevant guides on <https://help.sap.com/viewer/p/AIW>. For example, if you are looking for the SAP Master Data Governance, Asset Information Workbench by Utopia, Installation Guide, search for " Asset Information Workbench by Utopia "

4.2. De-Installation

In case it is required for you to de-install the UGI7 400 package, de-installation of UGI7 is possible via SAINT tool. Call transaction SAINT> select De-Installable Components tab> select component> Start> Proceed based on listed options till it finishes.

Note

De-installation may require a reset of implemented notes, manual corrections or another extension. De-installation can result in data loss based on configured scenario's and customizations. Do take a backup before running de-install process and after conclusion verify the impact before proceeding in other landscapes

5. Post Installation

In this section, the known limitations and errors are discussed.

5.1. Known Limitations and Errors

For restrictions, please refer to the corresponding release restriction note.

- AIW 1909 S/4H Restriction note: [2837674](#)

There are no known errors. Report any error via an SAP Incident under the component "XX-PART-UGI-AIW".

5.2. Delivery Customizing

Delivery Customizing is imported into client 000 and may have to be copied to other clients. For more information, see Note [337623](#).

Use the AIW specific information in the Master Guide and Operations Guide at SAP support portal see the relevant guides on <https://help.sap.com/viewer/p/AIW> and search for SAP MDG Asset Information Workbench by Utopia.

5.3. Language Support

The following languages are supported for the AIW release:

- English
- German
- Korean
- Simplified Chinese
- Spanish
- Italian
- Portuguese
- French
- Dutch
- Russian

The AIW is delivered with English as the default language. The above language packages can be imported via the [SMLT](#) transaction. During the install in the import settings please choose the option import in all clients. Contact Utopia for any other language support requirements.

Note

For information about subsequently installing further languages in your system, see Note [195442](#).