How-To: Get Information Around Installation, Upgrade and Conversion

Applicable Releases:

All

Version 1.1

November 2023

Document History

Document Version	Description
1.0	First official release of this guide (July 2022)
1.1	Updates (November 2023)

1 Business Scenario

SAP Master Data Governance provides business processes to find, create, change, and mark master data for deletion. It supports the governance of master data in a central hub and the distribution to connected operational and business intelligence systems.

The processes are workflow-driven and can include several approval and revision phases, and the collaboration of all users participating in the master data maintenance.

This How-To guide contains information about installation, setup, upgrade, conversion, and many other useful information for MDG.

2 General Information

SAP Master Data Governance (MDG) is a state-of-the-art master data management solution. It provides out-of-the-box, domain-specific master data governance to centrally create, change, and distribute, or to consolidate master data across your complete enterprise system landscape.

In this context, MDG can either run as a separate master data hub or be co-deployed on an operational system. In both cases MDG can run:
- On ERP (on HANA or any other DB)
- Within S/4HANA

From a functional perspective, SAP MDG on SAP S/4HANA 1809 correlates to the SAP MDG 9.2 release based on ERP 6.0.

SAP Master Data Governance on SAP S/4HANA is a fully integrated part of SAP S/4HANA.

Note that although no correlating SAP MDG on ERP release exists for the subsequent SAP S/4HANA 1909 release, a lot of innovations from SAP S/4HANA 1909 and higher SAP S/4HANA releases have also been down ported to earlier SAP MDG releases. You can find SAP Notes relating to this in chapter 5 Improvement SAP Notes For MDG.

SAP Note 1685823 contains general information on the central release strategy for SAP Master Data Governance.

Please note the terminology changes for SAP Master Data Governance on SAP S/4HANA 2023 described in SAP Note 3386008.

2.1 Last Version on ECC: Add-on Version SAP Master Data Governance 9.2

The following SAP Notes are relevant for the last Add-on version SAP Master Data Governance 9.2:

Number	Title
2645428	Add-on SAP MDG 9.2 on SAP ERP 6.0 EHP8
2700284	SAP Master Data Governance 9.2: Release Information Note
2656693	Functional Restrictions in MDG for Material in SAP Master Data Governance 9.2 and on SAP S/4HANA 1809
2656712	Functional restrictions in MDG for Business Partner / Customer / Supplier in SAP Master Data Governance 9.2 and on SAP S/4HANA 1809

2.2 S/4HANA

SAP Master Data Governance on SAP S/4HANA is a fully integrated part of SAP S/4HANA.

Please check the information on the Help Portal at https://help.sap.com/docs/SAP_S4HANA_ON-PREMISE.

Amongst others, you find the release information note and further useful information there.

For your convenience, here are some links:

Number	Title
3307222	SAP S/4HANA 2023: Release Information Note
3145277	SAP S/4HANA 2022: Release Information Note
3015539	SAP S/4HANA 2021: Release Information Note
2884313	SAP S/4HANA 2020: Release Information

2.3 Deployment Options of MDG

There are multiple sources for deployment guidance of SAP systems. The Deployment Recommendations for SAP Master Data Governance (https://www.sap.com/documents/2018/08/3e8b093f-167d-0010-87a3-c30de2ffd8ff.html) presentation explains the deployment options of MDG functions on a separate system (Hub approach) or on an existing SAP ERP system together with ERP functions (co-deployment).

3 Information for Installation, Configuration and Upgrade

The following SAP Notes are relevant:

Number	Title
2590829	Installation & Configuration for "SAP Master Data Governance"
1685823	Release strategy for SAP MASTER DATA GOVERNANCE
3372801	Upgrade or Conversion for Master Data Governance, Central Governance

3.1 SAP Help for Configuration

Before you start with the configuration of your system for SAP MDG, ensure to install your system correctly.

Pick the correct configuration guide for the system setup. You can find the link to all guides in SAP MDG's Help Portal. To identify the correct version, connect to your system and check the software layers that are installed in your system (logon, choose System -> Status... in the top-menu, click the button "Component" in section SAP System Data).

If the system lists S4CORE with release 101 or higher, your system is an SAP S/4HANA based system. It is mandatory to use the related FIORI applications from UIS4HOP. It is mandatory to use the configuration guide in its S/4HANA version. The page section Master Data Governance on SAP S/4HANA links the configuration guide via How to get Master Data Governance Running. Once you've navigated to the configuration guide, you can find a dropdown for choosing your release version next to the page headline. Ensure selecting the correct release since the configuration guides differ from release to release. Drill-down the menu tree section How to Get Master Data Governance Running to the configuration guide for the product you want to setup.

Link to the latest configuration guide in the S/4HANA version: https://help.sap.com/docs/SAP_S4HANA_ON-PREMISE/6d52de87aa0d4fb6a90924720a5b0549/f691242bc626461984f15c9684fe2fa5.html

If the system lists SAP_APPL (or S4CORE with release 100), you use the functionality as add-on for your SAP ERP (or S/4HANA 1511) system. It is mandatory to use the related FIORI applications from UIMDC001. It is mandatory to use the configuration guide in its SAP MDG version. The page section MDG based on SAP ERP links the configuration guide via Application Help. Once you've navigated to the configuration guide, you can find a dropdown for choosing your release version next to the page headline. Ensure selecting the correct release since the configuration guides differ from release to release. Drill-down the menu tree section How to Get Master Data Governance Running to the configuration guide for the product you want to setup.

Find the latest configuration guides for the add-on version of Master Data Governance based on SAP ERP here: https://help.sap.com/docs/SAP_MASTER_DATA_GOVERNANCE

3.2 SAP Support Portal and SAP for Me

SAP Support Portal is a central landing page for support at SAP. For instance, you will find information about release/upgrade/maintenance (https://support.sap.com/en/release-upgrade-maintenance.html) as well as

personalized access to task-based support resources and relevant applications to help you when you need it (SAP ONE support at https://me.sap.com/home).

SAP for Me (https://me.sap.com/home) will become your main entry point and digital companion to easily interact with SAP to get immediate guidance to the best solution for you.

Schedules for Support Package Stack and SAP BusinessObjects Maintenance Schedule is now transitioning to SAP for Me. To ensure a smooth transition, the Schedules for Maintenance Deliveries and SAP for Me are running in parallel. For further information regarding schedules for support packages, please check the page Schedules for Maintenance deliveries (https://support.sap.com/en/release-upgrade-maintenance/maintenance-information/schedules-for-maintenance-deliveries.html).

3.3 SAP Notes: Release Information Note

These notes contain important information for customers using SAP Master Data Governance. These notes may be subject to changes. Make sure that you always use the latest version of the note. Use the SAP Note for your Release and Support package, for example:

Number	Title
3346733	SAP S/4HANA Master Data Governance 2023: Release Information Note
3251553	SAP S/4HANA Master Data Governance 2022: Release Information Note
3088373	SAP S/4HANA Master Data Governance 2021: Release Information Note
3116950	SAP S/4HANA Master Data Governance 2021 FPS1: Release Information Note
2882157	SAP S/4HANA Master Data Governance 2020: Release Information Note
2894709	SAP S/4HANA Master Data Governance 1909 FPS2: Release Information Note
2700284	SAP Master Data Governance 9.2: Release Information Note

3.4 Product Availability Matrix (PAM)

In the Product Availability Matrix (PAM) (https://userapps.support.sap.com/sap/support/pam), you can find details about SAP software product versions, including availability and end of maintenance dates, upgrade paths, and technical release information (database platforms, Java platforms, operating systems, and so on).

Please note, product versions which are no longer in mainstream maintenance will not appear in PAM anymore.

Among other information, you can use PAM to identify:
- Important product lifecycle dates, like RTC and mainstream maintenance end
- Available Add-on product versions based on the product version
- Upgrade paths (from/to)
- SP information including release information notes
- Supported languages
- Supported database platforms, operating systems

The following are some dedicated links to recent product versions in PAM:

Product Version	Link
MDG 9.2	Link
S/4HANA OnPrem 2023	Link

3.5 Supported Languages

An overview of available languages in the S/4HANA 2020 stack at software component level and the exceptions therein at application component/package level can be found in these SAP Notes. Search for MDG:

SAP Note	Title
3335744	SAP S/4HANA 2023: Language Availability
3196048	SAP S/4HANA 2022: Language Availability
3077472	SAP S/4HANA 2021: Language Availability
2957040	SAP S/4HANA 2020: Language Availability
2825302	SAP S/4HANA 1909: Language Availability
2701464	SAP S/4HANA 1809: Language Availability
3196048	SAP S/4HANA 1709: Language Availability

3.6 Maintaining a High Support Package Level

It is a best practice to plan and implement the latest support packages in a timely manner. The exact risk when operating on a low support package level is unclear, but it can be expected that it leads to issues. For instance, notes with a long list of other dependent notes, especially ones from other software layers, and ones with long manual correction instructions, can lead to efforts and high complexity. This can be avoided when customers apply the latest support packages.

Please check note 2963224 (Go-live and operation with a low support package level) from MDG for more details on this topic.

3.7 Maintenance Period

There are two versions of SAP Master Data Governance with according to maintenance periods:
1. SAP Master Data Governance on SAP S/4HANA
2. SAP Master Data Governance (technically on SAP ERP 6.0).

For more information about the maintenance strategy, periods, and upgrade planning for Master Data Governance, please check:

Description	Link
Community Blog	Updated Maintenance Terms (https://blogs.sap.com/2020/03/23/updated-maintenance-terms-for-sap-master-data-governance/)
SAP Note	1685823 - Release strategy for SAP MASTER DATA GOVERNANCE See chapter VIII on maintenance
SAP Note	2900388 - SAP S/4HANA maintenance commitment until 2040

SAP Note	[3354958](#) - SAP S/4HANA Cloud, private edition and SAP S/4HANA on-premise - General Information on Support Packages Schedules
PAM	[Product Availability Matrix (PAM)](#) ([https://userapps.support.sap.com/sap/support/pam](#))
Maintenance Planner	• General landing [page](#) for information about the maintenance planner • Link to maintenance planner [app](#)

3.8 New Functions

Future enhancement topics for SAP MDG, Central Governance are driven by Continuous Influence Projects (similar to the former Customer Connection Projects).

"Continuous Influence for SAP Master Data Governance on S/4HANA" is, as the name suggests, a steadily continued collection of improvement requests. Please submit your requests here: https://influence.sap.com/sap/ino/#/campaign/3497.

Review of an improvement request by SAP will happen when the request has reached the minimum threshold of 15 or more votes (status at the time of publish, please note, may be subject to change). You can 'Follow' the project and any improvement request you are interested in or you voted for, so that you get notified on updates.

Find the improvements from finalized initiatives of the previous Customer Connection program as follows. The new functions developed as a result of requests submitted during Customer Connection for MDG and down ported to ECC can be found in the related SAP Notes.To enable the functions in lower releases, you need to create a custom business function containing one or more SAP-defined switches corresponding to the new functions.

Customer Connection program	MDG SAP Note
[SAP Master Data Governance 2023](#)	[MDG Customer Connection 2023](#)
[SAP Master Data Governance 2021/2022](#)	[MDG Customer Connection 2021/2022](#)
[SAP Master Data Governance 2020](#)	[MDG Customer Connection 2020](#)
[SAP Master Data Governance 2019](#)	[MDG Customer Connection 2019](#)

For more information about the new functions, please check:

Description	Link
SAP Online Help, Business Function of MDG	[https://help.sap.com/docs/SAP_S4HANA_ON-PREMISE/7113856e409647838af7891e1429b807/18a64e59f0744143a0c2ff9bc1b6aabc.html](#)
What's New Viewer – SAP S/4HANA	[https://help.sap.com/whats-new/5fc51e30e2744f168642e26e0c1d9be1?lob=Cross%20Applications&locale=en-US](#) (with Line of Business Cross Applications and Search Term MDG)
SAP Master Data Management (CMD & MDG) How-To Videos & more	[https://video.sap.com/channel/SAP+Master+Data+Management+%28CMD+%26+MDG%29+How-To+Videos+%26+more/65627981](#)

3.9 Conversion to S/4

It is recommended to convert from an ERP-based MDG installation to S/4HANA as soon as possible to take advantage of the latest features and extend your maintenance period.

Description	Link
Conversion Guide	The "Conversion of MDG Hub: From SAP Master Data Governance on ERP to SAP Master Data Governance on SAP S/4HANA" provides valuable support for planning and executing the conversion to S/4HANA for MDG customers. This is available here: https://www.sap.com/documents/2019/06/22652a32-537d-0010-87a3-c30de2ffd8ff.html
Accelerate Move Toolbox	SAP Note 3008338 - ASU Toolbox Application Conversion Assistant ASU Toolbox Application Conversion Assistant (ATACA) complements information available in existing SAP S/4HANA conversion tools, such as guidelines, check tools, migration tools, and SAP Notes. The goal is to help customers convert from SAP ERP to SAP S/4HANA in the most efficient way. It generally follows an application view rather than a technical view, and the special benefit of the tool is that is contains a broad view over the most important S/4HANA applications in one place.
Open SAP Training: System Conversion to SAP S/4HANA	https://open.sap.com/treatments
Data Migration Cockpit	https://help.sap.com/docs/SAP_S4HANA_ON-PREMISE/29193bf0ebdd4583930b2176cb993268/a4d4119a2cc9448a98e5d17e6dd0eac4.html
Available Migration Objects	https://help.sap.com/docs/SAP_S4HANA_ON-PREMISE/d3a3eb7caa1842858bf0372e17ad3909/8dd142b479f9481891fa8b3f86648df3.html
BP and CVI in SAP S/4HANA System Conversion	https://blogs.sap.com/2018/07/31/bp-and-cvi-in-sap-s4hana-system-conversion/
Note	1685823 - Release strategy for SAP MASTER DATA GOVERNANCE See chapter V on conversion to SAP S/4HANA ON-PREMISE

3.10 Why Upgrade?

Take advantage of the latest features and extend your maintenance period.

See How To Guide: Upgrading SAP S/4HANA - How, Why, and Best Practices: Why, how, and best practices for upgrading to a higher SAP S/4HANA release, based on lessons learned from customer projects. This is available here: https://www.sap.com/documents/2020/06/94ca0995-9d7d-0010-87a3-c30de2ffd8ff.html. Use this guide to create your business case, prepare/execute your upgrade, and drive more value from SAP S/4HANA system after your initial go-live. This guide complements the official SAP S/4HANA Upgrade guide of your chosen target release of SAP S/4HANA, which can be found on the

SAP S/4HANA product page (https://help.sap.com/docs/SAP_S4HANA_ON-PREMISE tab Implement), for example: Upgrade. See also community page (https://community.sap.com/topics/activate) for SAP Activate.

Unlike for SAP S/4HANA, there are no new MDG versions for ECC. But some of the new features are down ported. See more details on chapter 3.7.1 Notes containing selected down ported features per customer connection program.

3.11 With Industry Solutions

If you want to use SAP Master Data Governance (MDG) together with an Industry Solution on SAP ECC, check SAP Note 1690202 - MDG & Industry Solutions.

If you want to use "SAP Master Data Governance on SAP S/4HANA" (central governance) in combination with certain business functions for industries, check SAP Note 2392135 - SAP Master Data Governance on SAP S/4HANA (central governance) in combination with certain business functions for industries.

If you want to use SAP MDG 9.2 and ERP industry components/SAP HANA database/S/4HANA Finance (1503/1605) check SAP Note 2645428 - Add-on SAP MDG 9.2 on SAP ERP 6.0 EHP8 . Recommendation is always to convert to SAP S/4HANA.

4 Further Reading

Title	Link
Product SAP Master Data Governance	Link
What's New Viewer – SAP S/4HANA	Link with Line of Business Cross Applications and Search Term MDG
MDG Community	Link
SAP Master Data Governance at a Glance With Key and What's New Presentations	Link
Online Help SAP MDG in S/4HANA	Link
Online Help SAP MDG on ECC	Link
Road Map Explorer	Link
Business Function Online Help	Link
How-to Information for SAP Master Data Governance	Link