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Implementation Guide for Fiori Application for EAM Solutions by Utopia

Release EAM 9.1

Document History

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

Version	Date	Description	Name
1.0	13/10/2017	Initial version	Kumar Saurav

Approval History

Version	Date	Description	Name
1.0	31/10/2017	Final version	Lyle Snyder

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Introduction

This document covers the requirements and the tasks necessary to implement Fiori App (application) on EAM 9.1 Solutions for MDG by Utopia.

Purpose

This document describes the required back-end of SAP Master Data Governance, Line of Business, Asset Management, Finance, Manufacturing, Marketing/Engineering, Sales, Service, Sourcing and Procurement, Supply Chain, Application Type, Transactional (Fiori UI5) Database, and any additional required database.

Audience

The target audience for this document is anyone involved in installing, configuring, and implementing SAP Fiori App on EAM Solutions for MDG by Utopia.

The primary audience comprises of the following:

- System administrators responsible for installing and configuring SAP Fiori App on Utopia EAM Solutions for MDG by Utopia.
- EAM Solutions for MDG by Utopia Users.

Prerequisite

Before you implement the SAP Fiori App on EAM Solutions for MDG by Utopia, ensure that your environment meets the following system requirements.

System Landscape Requirements

Your system landscape is enabled for SAP Fiori. The system landscape must to be set up for SAP Fiori depending on the database type serving as the basis while meeting respective prerequisites:

Database	SAP Fiori System Landscape Setup	Prerequisites
ABAP environment	<u>Setup of SAP Fiori System Landscape for SAP Business Suite with ABAP Environment</u>	<u>Installation Requirements (Transactional Apps)</u> <u>Activating SAP Gateway OData Services</u>
HANA database	<u>Setup of SAP Fiori System Landscape for SAP Business Suite with SAP HANA Database</u>	<u>Installation Requirements (Fact Sheets)</u>

The SAP product version in the back-end system serving as the basis for the app must be the following:

Required back-product (Product version stack): S4CORE 102 SP00 MDG 802 SP00.

Each SAP Fiori app consists of front-end components and back-end components:

- Front-end components

The Fiori app front-end comprises the user interfaces and content required for launching the app on the SAP Fiori Launchpad.

Note: The components, as mentioned in the table, must be installed in the front-end server.

- Back-end components

The Fiori app back-end mainly comprises the OData services required for the app.

Note: The components as mentioned in the table must be installed in the back-end system.

Note

The front-end and back-end components of the app are delivered with the following SAP product versions as part of the listed software components.

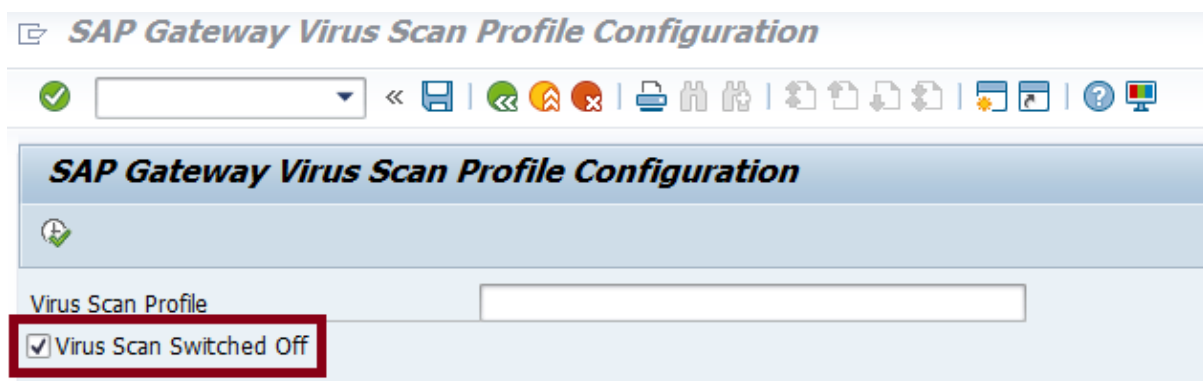
The required software components for the app are contained in the listed product instances:

App Component	Required SAP Product Version (Support Package Stack)	Available Instances Containing Software Component	Software Component Required for App (Support Package)
Front-end components	UI for Utopia EAM	<ul style="list-style-type: none"> • UI for MDG NW752 SP 00 	UGIEAMUI – Utopia Software Component
Back-end components	SAP Master Data Governance 802 (Initial Shipment Stack)	<ul style="list-style-type: none"> • MDG UI Ext. on S4CORE 102 • Master Data Governance • MDG UI Ext. on S4CORE 102 	UGIOD01

You can upload the documents through MDG EAM Fiori App. For the security reasons, SAP recommends installing the appropriate virus scanner in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content. For more information about virus scanning and scan profiles for SAP Fiori apps, refer [Virus Scanning](#).

Note

Virus Scanning can be switched off by using T-code /IWFND/VIRUS_SCAN.



Note

1. The service for starting the FIORI launchpad UI2/flp shall be activated.
 - a. /UI2/INTEROP
 - b. /UI2/TRANSPORT
 - c. /UI2/PAGE_BUILDER_PERS
 - d. /UI2/PAGE_BUILDER_CUST

- e. /UI2/PAGE_BUILDER_CONF
- 2. Standard Roles are assigned for Fiori
 - a. SAP_UI2_ADMIN_750
 - b. SAP_UI2_FIORI_CATALOGS_READ
 - c. SAP_UI2_LAUNCH_PAGE
 - d. SAP_UI2_NEWS_TILE
 - e. SAP_UI2_PAGEBUILDER_CONFIG
 - f. SAP_UI2_PAGEBUILDER_CUST
 - g. SAP_UI2_PAGEBUILDER_PERS
 - h. SAP_UI2_USER_700
 - i. SAP_UI2_USER_750
- 3. Virus Scan Profile disabled VSCANPROFILE
- 4. HTTPS Port enabled for 443XX

EAM Fiori App Implementation

The EAM Fiori App details are listed in the following categories:

- [Required Back-End Product](#)
- [Line of Business](#)
- [Application Type](#)
- [Database](#)

Required Back-End Product

SAP Master Data Governance.

Line of Business

Asset Management, Finance, Manufacturing, Marketing/Engineering, Sales, Service, Sourcing and Procurement, Supply Chain.

Application Type

Transactional (Fiori UI5)

Database

Any database (DB)

Implementation Information

The following implementation information applies for the Fiori App delivered for this release.

Installation

The application consists of front-end components (such as the user interfaces) and back-end components (such as the OData service). The back-end and front-end components are delivered with separate products and to be installed in a system landscape, which is enabled for SAP Fiori.

Front-end components	
Product Version	<ul style="list-style-type: none"> SAP MASTER DATA GOVERNANCE 802 EAM Solution P 9.1 by Utopia EAM solutions for MDG - Enhanced IDOC processing 9.1 by Utopia
Support Package Stack	<ul style="list-style-type: none"> 00
Product Instance(s)	<ul style="list-style-type: none"> EAM SOLUTIONS MDG 9.1 by UTOPIA
Software Component Version	<ul style="list-style-type: none"> UGIEAMUI – Utopia Fiori Software Component – 9.1
Prerequisite for installation	EAM SOLUTION 9.1 by UTOPIA is an add-on to: <ul style="list-style-type: none"> SAP FIORI FRONT-END SERVER 2.0 - SPS Initial Shipment Stack, or SAP GATEWAY 2.0 - SPS 10 (03/2015), or S4HANA on Premise 1709

Back-end components (ABAP)	
Product Version	<ul style="list-style-type: none"> SAP MASTER DATA GOVERNANCE 802 EAM SOLUTIONS MDG 9.1 by UTOPIA EAM Solutions for MDG by Utopia - Enhanced IDOC processing 9.1
Support Package Stack	<ul style="list-style-type: none"> 00
Product Instance(s)	<ul style="list-style-type: none"> Master Data Governance – Enterprise Asset Management
Software Component Version	<ul style="list-style-type: none"> UGIOD01 – Utopia OData Software Component - SP00
Prerequisite for installation	UTOPIA EAM SOLUTIONS MDG 9.1 is an add-on to <ul style="list-style-type: none"> SAP FIORI FRONT-END SERVER 2.0 - SPS Initial Shipment Stack, or SAP GATEWAY 2.0 - SPS 10 (03/2015), or S4HANA on Premise 1709

Configuration

The following topics are described in the section:

- [Configuring SAP EAM Fiori applications for MDG](#)
- [Assigning System Alias for OData services](#)
- [Activate ICF Nodes for OData services](#)

Configuring SAP EAM Fiori applications for MDG

Note

Roles and Catalogs and groups are provided as an example. The following steps need to be followed and if customization is required.

To configure the SAP Fiori applications for MDG, execute the following steps:

1. Import predefined Change Request Types for SAP Fiori

2. Configure MDG back-end

- a. New Change Requests
- b. The new Change Request types must be configured for the MDG approval process.
- c. Pre-delivered Change Request types
- d. For the pre-delivered Change Request types, all checks must be switched off for the MDG Fiori applications to work.

If you prefer to use your own Change Request types for the MDG EAM Fiori apps, all the checks on your Change Request types should be switched off.

3. Configure the SAP Fiori Launchpad for MDG

- a. Activate the SICF nodes respective to the object as described in the above section under each object for both UI5 application and OData services.
- b. Activate the standard UI2 service to view the applications in the launchpad as below:

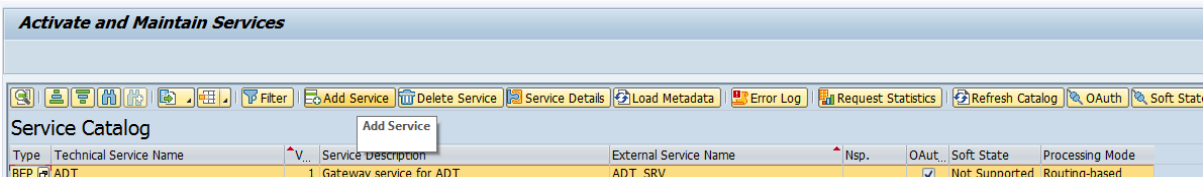
The following services need to be added with system alias using T-code /IWFND/MAINT_SERVICES.

- /UI2/INTEROP
- /UI2/TRANSPORT
- /UI2/PAGE_BUILDER_PERS
- /UI2/PAGE_BUILDER_CUST
- /UI2/PAGE_BUILDER_CONF

Set System Alias

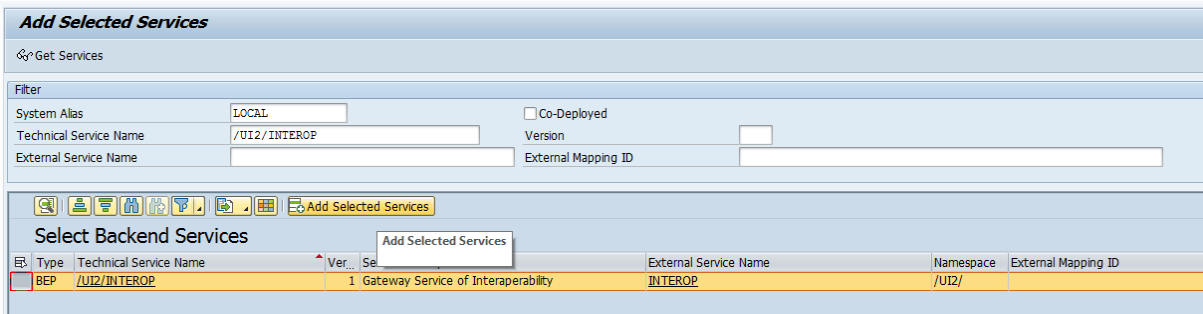
Use the following steps to set the system alias:

- a. Add new service



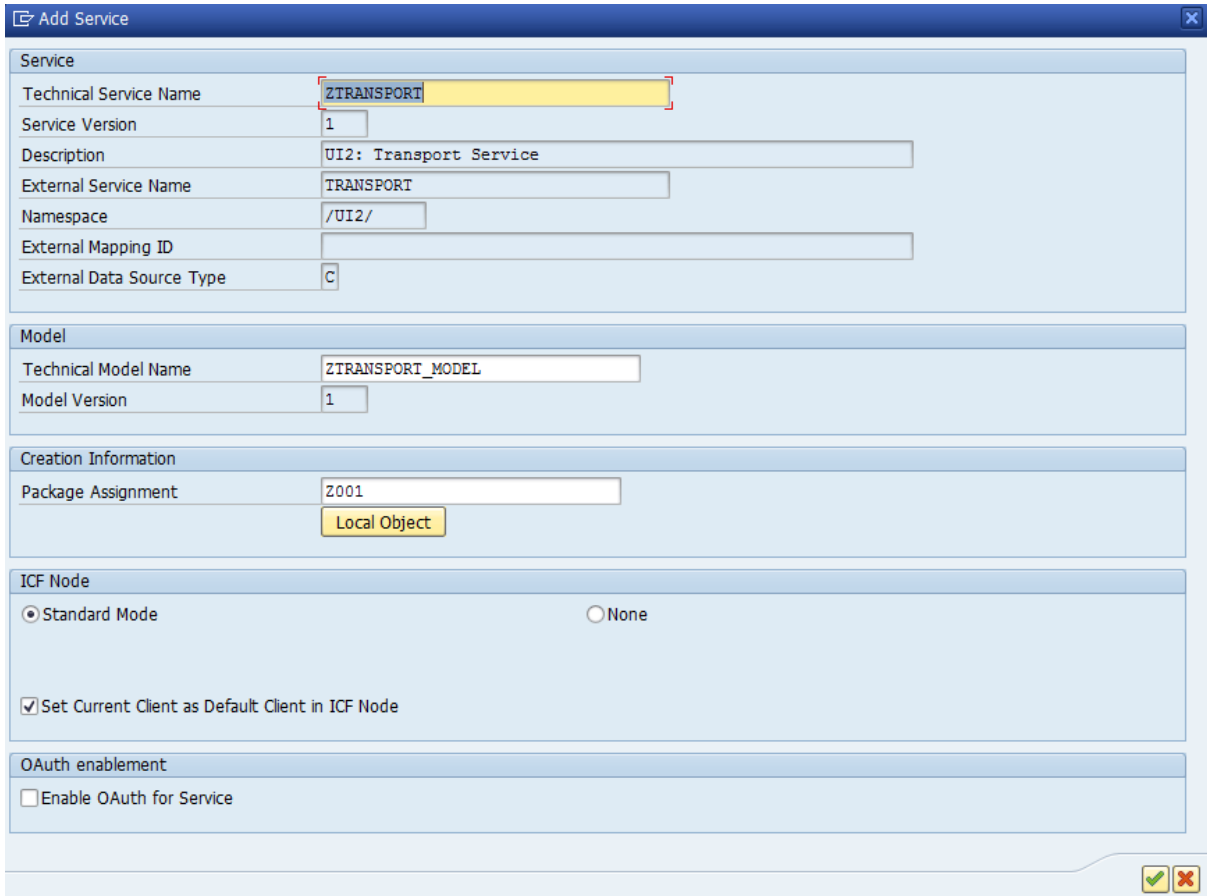
Type	Technical Service Name	Service Description	External Service Name	Nsp.	OAu.	Soft State	Processing Mode
BEP	ADT	1 Gateway service for ADT	ADT_SRV			Not Supported	Routing-based

- b. Mark the backend service and "Add Selected Service".
- c. Select your FIORI server or in single instance select the system alias LOCAL.



Type	Technical Service Name	Ver.	Sel.	External Service Name	Namespace	External Mapping ID
BEP	/UI2/INTEROP	1		INTEROP	/UI2/	

- d. Add the service.



After successful activation the list of “Selected Backend Services” is empty

- Repeat steps a. to c. in [Configuring SAP EAM Fiori applications for MDG](#) for all the listed services.

Finally navigate to SICF and check that the services are active under the branch sap/opu/odata/ui2.

Assigning System Alias for OData services

To assign system alias for OData services, execute the following steps:

1. Select OData service:

Go to T-code - /N/IWFND/MAINT_SERVICE

Activate and Maintain Services

Filter Add Service Delete Service Service Details Load Metadata Error Log Request Statistics Refresh Catalog OAuth Soft State

Service Catalog

Type	Technical Service Name	Ver.	Service Description	External Service Name	Namespace	OA...	Soft State Status	Is SAP Service
BEP	/UGIEAMUI/MDG_EAM_TL_SRV	1	MDG EAM Task List	MDG_EAM_TL_SRV	/UGIEAMUI/	<input type="checkbox"/>	Not Supported	
BEP	/UGIEAMUI/MDG_EAM_WORKCENTER_SRV	1	MDG EAM FIORI - WORKCENTER APP	MDG_EAM_WORKCENTER_SRV	/UGIEAMUI/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/F4_HELPERS_SRV	1	MDG EAM - F4 Helps	F4_HELPERS_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_APPROVE_CR_SRV	1	MDG EAM Approve CR	MDG_APPROVE_CR_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_EQUIPMENT_SRV	1	MDG EAM - Equipment	MDG_EAM_EQUIPMENT_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_FLOC_SRV	1	MDG EAM - Functional Location	MDG_EAM_FLOC_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_MPMI_SRV	1	MDG EAM - MPLAN	MDG_EAM_MPMI_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_MROBOM_SRV	1	MDG EAM - MROBOM	MDG_EAM_MROBOM_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_MSPPOINT_SRV	1	MDG EAM - MSPPOINT	MDG_EAM_MSPPOINT_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_TASKLIST_SRV	1	MDG EAM - TASK LIST	MDG_EAM_TASKLIST_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_WORKCENTER_SRV	1	MDG EAM - WorkCenter	MDG_EAM_WORKCENTER_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	DAAG_MINGGRP	1	Data Aging Manage Groups	DAAG_MINGGRP		<input checked="" type="checkbox"/>		
BEP	DAAG_MONOBJ	1	Data Aging Monitor Objects	DAAG_MONOBJ		<input checked="" type="checkbox"/>		
BEP	EPM_LANES_DEMO_SRV	1	EPM: Gateway Service for Lanes Page Demo	EPM_LANES_DEMO_SRV		<input checked="" type="checkbox"/>		
BEP	EPM_OIA_APPS_GW_SERVICE_SRV	1	CL_EPM_OIA_APPS_GW_SER_DPC_EXT	EPM_OIA_APPS_GW_SERVICE_SRV		<input checked="" type="checkbox"/>		

ICF Node Call Browser SAP Gateway Client

ICF Nodes

Status	ICF Node	Session Time-out	Soft State	Description
CC	ODATA	00:00:00		Standard Mode

Add System Alias Remove System Alias Customizing Service Implementation

System Aliases

SAP System Alias	Description	Default	Metadata	User Role
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2. Select the respective service (for all the listed services in Section: [Activate ICF Nodes for OData services](#) Table 1: [EAM FIORI NW OData services](#)).

Activate and Maintain Services

Filter Add Service Delete Service Service Details Load Metadata Error Log Request Statistics Refresh Catalog OAuth Soft State

Service Catalog

Type	Technical Service Name	Ver.	Service Description	External Service Name	Namespace	OA...	Soft State Status	Is SAP Service
BEP	/UGIEAMUI/MDG_EAM_TL_SRV	1	MDG EAM Task List	MDG_EAM_TL_SRV	/UGIEAMUI/	<input type="checkbox"/>	Not Supported	
BEP	/UGIEAMUI/MDG_EAM_WORKCENTER_SRV	1	MDG EAM FIORI - WORKCENTER APP	MDG_EAM_WORKCENTER_SRV	/UGIEAMUI/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/F4_HELPERS_SRV	1	MDG EAM - F4 Helps	F4_HELPERS_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_APPROVE_CR_SRV	1	MDG EAM Approve CR	MDG_APPROVE_CR_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_EQUIPMENT_SRV	1	MDG EAM - Equipment	MDG_EAM_EQUIPMENT_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_FLOC_SRV	1	MDG EAM - Functional Location	MDG_EAM_FLOC_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_MPMI_SRV	1	MDG EAM - MPLAN	MDG_EAM_MPMI_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_MROBOM_SRV	1	MDG EAM - MROBOM	MDG_EAM_MROBOM_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_MSPPOINT_SRV	1	MDG EAM - MSPPOINT	MDG_EAM_MSPPOINT_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_TASKLIST_SRV	1	MDG EAM - TASK LIST	MDG_EAM_TASKLIST_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_WORKCENTER_SRV	1	MDG EAM - WorkCenter	MDG_EAM_WORKCENTER_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	DAAG_MINGGRP	1	Data Aging Manage Groups	DAAG_MINGGRP		<input checked="" type="checkbox"/>		
BEP	DAAG_MONOBJ	1	Data Aging Monitor Objects	DAAG_MONOBJ		<input checked="" type="checkbox"/>		
BEP	EPM_LANES_DEMO_SRV	1	EPM: Gateway Service for Lanes Page Demo	EPM_LANES_DEMO_SRV		<input checked="" type="checkbox"/>		
BEP	EPM_OIA_APPS_GW_SERVICE_SRV	1	CL_EPM_OIA_APPS_GW_SER_DPC_EXT	EPM_OIA_APPS_GW_SERVICE_SRV		<input checked="" type="checkbox"/>		

ICF Node Call Browser SAP Gateway Client

ICF Nodes

Status	ICF Node	Session Time-out	Soft State	Description
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Add System Alias Remove System Alias Customizing Service Implementation

System Aliases

SAP System Alias	Description	Default	Metadata	User Role
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3. Click on 'Add System Alias' button.

Activate and Maintain Services

Filter Add Service Delete Service Service Details Load Metadata Error Log Request Statistics Refresh Catalog OAuth Soft State

Service Catalog

Type	Technical Service Name	Ver.	Service Description	External Service Name	Namespace	OA...	Soft State Status	Is SAP Service
BEP	/UGIEAMUI/MDG_EAM_TL_SRV	1	MDG EAM Task List	MDG_EAM_TL_SRV	/UGIEAMUI/	<input type="checkbox"/>	Not Supported	
BEP	/UGIEAMUI/MDG_EAM_WORKCENTER_SRV	1	MDG EAM FIORI - WORKCENTER APP	MDG_EAM_WORKCENTER_SRV	/UGIEAMUI/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/F4_HELPERS_SRV	1	MDG EAM - F4 Helps	F4_HELPERS_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_APPROVE_CR_SRV	1	MDG EAM Approve CR	MDG_APPROVE_CR_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_EQUIPMENT_SRV	1	MDG EAM - Equipment	MDG_EAM_EQUIPMENT_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_FLOC_SRV	1	MDG EAM - Functional Location	MDG_EAM_FLOC_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_MPMI_SRV	1	MDG EAM - MPLAN	MDG_EAM_MPMI_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_MROBOM_SRV	1	MDG EAM - MROBOM	MDG_EAM_MROBOM_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_MSPPOINT_SRV	1	MDG EAM - MSPPOINT	MDG_EAM_MSPPOINT_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_TASKLIST_SRV	1	MDG EAM - TASK LIST	MDG_EAM_TASKLIST_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	/UGIOD01/MDG_EAM_WORKCENTER_SRV	1	MDG EAM - WorkCenter	MDG_EAM_WORKCENTER_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	
BEP	DAAG_MINGGRP	1	Data Aging Manage Groups	DAAG_MINGGRP		<input checked="" type="checkbox"/>		
BEP	DAAG_MONOBJ	1	Data Aging Monitor Objects	DAAG_MONOBJ		<input checked="" type="checkbox"/>		
BEP	EPM_LANES_DEMO_SRV	1	EPM: Gateway Service for Lanes Page Demo	EPM_LANES_DEMO_SRV		<input checked="" type="checkbox"/>		
BEP	EPM_OIA_APPS_GW_SERVICE_SRV	1	CL_EPM_OIA_APPS_GW_SER_DPC_EXT	EPM_OIA_APPS_GW_SERVICE_SRV		<input checked="" type="checkbox"/>		

ICF Node Call Browser SAP Gateway Client


ICF Nodes

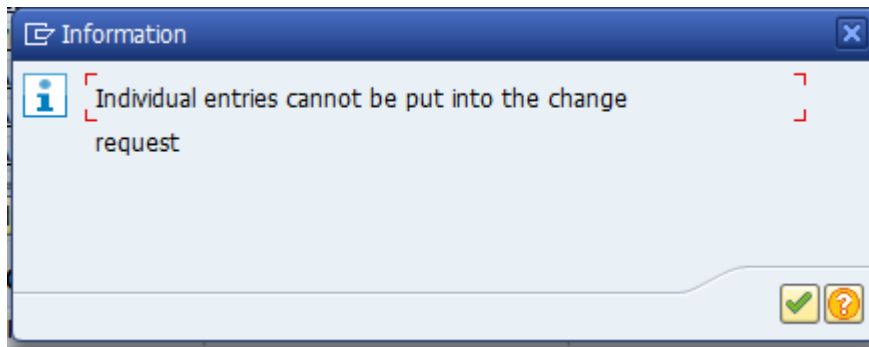
Status	ICF Node	Session Time-out	Soft State	Description
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Add System Alias Remove System Alias Customizing Service Implementation

System Aliases

SAP System Alias	Description	Default	Metadata	User Role
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4. Click on  button on information pop-up.



5. Select the entry and add system alias as in the following screenshot.

New Entries: Overview of Added Entries							
Assign SAP System Aliases to OData Service							
Service Doc. Identifier	User Role	Host Name	SAP System Alias	Default System	Metadata Default	Tech. Svc. Name	Ext. Service Name
/UGIOD01/MDG_APPROVE_CR_SRV_			LOCAL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	/UGIOD01/MDG_APPROVE_CR_SRV	MDG_APPROVE_CR_SRV
				<input type="checkbox"/>	<input type="checkbox"/>		
				<input type="checkbox"/>	<input type="checkbox"/>		
				<input type="checkbox"/>	<input type="checkbox"/>		
				<input type="checkbox"/>	<input type="checkbox"/>		

6. Save your entries.

Note

Repeat these steps for all the listed services in Section: [Activate ICF Nodes for OData services](#) Table 1: [EAM FIORI NW OData services](#).

Activate ICF Nodes for OData services

To Activate ICF Node for OData services, execute the following steps:

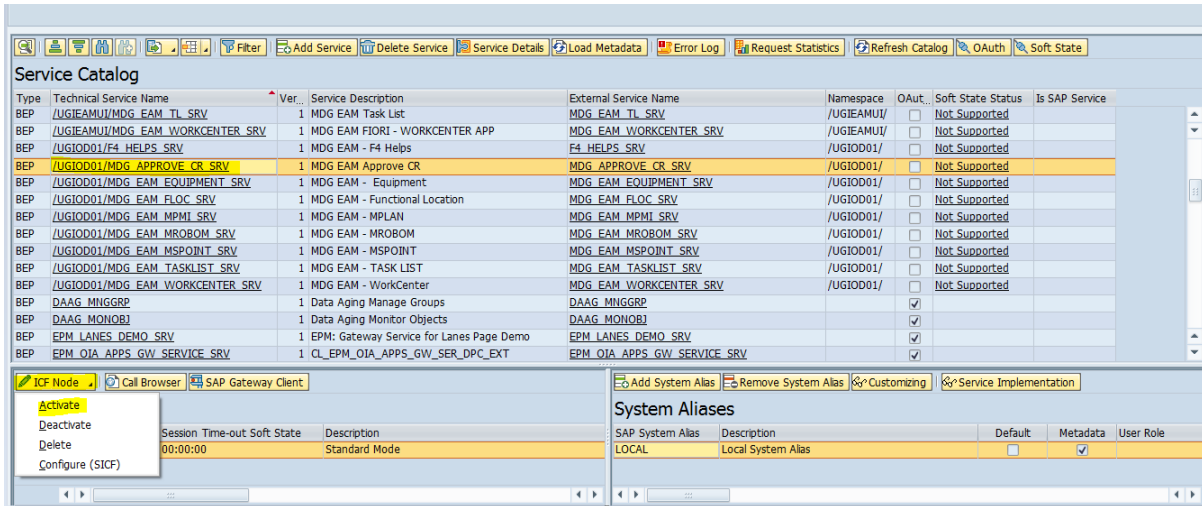
1. Select OData service:
Go to T-code - /N/IWFND/MAINT_SERVICE

Service Catalog									
Type	Technical Service Name	Ver.	Service Description	External Service Name	Namespace	OAu.	Soft State	Status	Is SAP Service
BEP	/UGIEAMU/MDG_EAM_TL_SRV	1	MDG EAM Task List	MDG_EAM_TL_SRV	/UGIEAMU/	<input type="checkbox"/>	Not Supported		
BEP	/UGIEAMU/MDG_EAM_WORKCENTER_SRV	1	MDG EAM FIORI - WORKCENTER APP	MDG_EAM_WORKCENTER_SRV	/UGIEAMU/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/F4_HELP5_SRV	1	MDG EAM - F4 Helps	F4_HELP5_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/MDG_APPROVE_CR_SRV	1	MDG EAM Approve CR	MDG_APPROVE_CR_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/MDG_EAM_EQUIPMENT_SRV	1	MDG EAM - Equipment	MDG_EAM_EQUIPMENT_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/MDG_EAM_FLOC_SRV	1	MDG EAM - Functional Location	MDG_EAM_FLOC_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/MDG_EAM_MPMI_SRV	1	MDG EAM - MPLAN	MDG_EAM_MPMI_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/MDG_EAM_MROBOM_SRV	1	MDG EAM - MROBOM	MDG_EAM_MROBOM_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/MDG_EAM_MSPPOINT_SRV	1	MDG EAM - MSPPOINT	MDG_EAM_MSPPOINT_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/MDG_EAM_TASKLIST_SRV	1	MDG EAM - TASK LIST	MDG_EAM_TASKLIST_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/MDG_EAM_WORKCENTER_SRV	1	MDG EAM - WorkCenter	MDG_EAM_WORKCENTER_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	DAAG_MINGGRP	1	Data Aging Manage Groups	DAAG_MINGGRP		<input checked="" type="checkbox"/>			
BEP	DAAG_MONOBJ	1	Data Aging Monitor Objects	DAAG_MONOBJ		<input checked="" type="checkbox"/>			
BEP	EPN_LANES_DEMO_SRV	1	EPN: Gateway Service for Lanes Page Demo	EPN_LANES_DEMO_SRV		<input checked="" type="checkbox"/>			
BEP	EPN_OIA_APPS_GW_SERVICE_SRV	1	CL_EPM_OIA_APPS_GW_SER_DPC_EXT	EPN_OIA_APPS_GW_SERVICE_SRV		<input checked="" type="checkbox"/>			

ICF Nodes				System Aliases			
Status	ICF Node	Session Time-out	Soft State	Description	SAP System Alias	Default	Metadata
<input checked="" type="checkbox"/>	ODATA	00:00:00		Standard Mode	LOCAL	<input type="checkbox"/>	<input checked="" type="checkbox"/>

System Aliases			
SAP System Alias	Description	Default	Metadata
LOCAL	Local System Alias	<input type="checkbox"/>	<input checked="" type="checkbox"/>

2. Select the service and click on ICF Node.



Service Catalog

Type	Technical Service Name	Ver.	Service Description	External Service Name	Namespace	OAu.	Soft State	Status	Is SAP Service
BEP	/UGIEAMU/MDG_EAM_TL_SRV	1	MDG EAM Task List	MDG_EAM_TL_SRV	/UGIEAMU/	<input type="checkbox"/>	Not Supported		
BEP	/UGIEAMU/MDG_EAM_WORKCENTER_SRV	1	MDG EAM FIORI - WORKCENTER APP	MDG_EAM_WORKCENTER_SRV	/UGIEAMU/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/F4_HELPES_SRV	1	MDG EAM - F4 Helps	F4_HELPES_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/MDG_APPROVE_CR_SRV	1	MDG EAM Approve CR	MDG_APPROVE_CR_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/MDG_EAM_EQUIPMENT_SRV	1	MDG EAM - Equipment	MDG_EAM_EQUIPMENT_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/MDG_EAM_FLOC_SRV	1	MDG EAM - Functional Location	MDG_EAM_FLOC_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/MDG_EAM_MPMI_SRV	1	MDG EAM - MPMI	MDG_EAM_MPMI_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/MDG_EAM_MROBOM_SRV	1	MDG EAM - MROBOM	MDG_EAM_MROBOM_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/MDG_EAM_MSPOINT_SRV	1	MDG EAM - MSPOINT	MDG_EAM_MSPOINT_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/MDG_EAM_TASKLIST_SRV	1	MDG EAM - TASK LIST	MDG_EAM_TASKLIST_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/MDG_EAM_WORKCENTER_SRV	1	MDG EAM - WorkCenter	MDG_EAM_WORKCENTER_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	DAAG_MNGGRP	1	Data Aging Manage Groups	DAAG_MNGGRP		<input checked="" type="checkbox"/>			
BEP	DAAG_MONOBJ	1	Data Aging Monitor Objects	DAAG_MONOBJ		<input checked="" type="checkbox"/>			
BEP	EPN_LANES_DEMO_SRV	1	EPN: Gateway Service for Lanes Page Demo	EPN_LANES_DEMO_SRV		<input checked="" type="checkbox"/>			
BEP	EPN_OIA_APPS_GW_SERVICE_SRV	1	CL_EPN_OIA_APPS_GW_SER_DPC_EXT	EPN_OIA_APPS_GW_SERVICE_SRV		<input checked="" type="checkbox"/>			

ICF Node (Active) | **System Aliases** (LOCAL selected)

After activating the service, ICF node status will display in green color.

1 Note

Repeat these steps for all the listed services in Section: [Activate ICF Nodes for OData services](#) Table 1: [EAM FIORI NW OData services](#).

The list of MDG EAM Fiori OData Services are listed in the following table:

Scenario	Technical Service Name
Equipment	/UGIOD01/MDG_EAM_EQUIPMENT_SRV
MRO BOM	/UGIOD01/MDG_EAM_MROBOM_SRV
Measuring POINT	/UGIOD01/MDG_EAM_MSPOINT_SRV
Maintenance Plan	/UGIOD01/MDG_EAM_MPMI_SRV
Function Location	/UGIOD01/MDG_EAM_FLOC_SRV
Task List	/UGIOD01/MDG_EAM_TASKLIST_SRV
Work Center	/UGIOD01/MDG_EAM_WORKCENTER_SRV
Approve EAM	/UGIOD01/MDG_APPROVE_CR_SRV
F4 Help for Create/Change Apps	/UGIOD01/F4_HELPES_SRV
Object Link	/UGIOD01/MDG_EAM_OBJECT_LINK_SRV
Object Network	/UGIOD01/MDG_EAM_OBJECTNETWORK_SRV
Service Master	/UGIOD04/MDG_PROC_SM_SRV

Table 1: EAM FIORI NW OData services

Appendix 1: Application Details

The following section list app-specific data required to configure each application.

- [Request New Equipment](#)
- [Request New Functional Location](#)
- [Request New MRO Bill of Material](#)
- [Request New Measuring Point](#)
- [Request New Maintenance Plan](#)
- [Request New Task List](#)
- [Request New Work Center](#)
- [Request New Object Links](#)
- [Request New Object Networks](#)
- [Change Equipment](#)
- [Change Functional Location](#)
- [Change MRO Bill of Material](#)
- [Change Measuring Point](#)
- [Change Maintenance Plan](#)
- [Change Task List](#)
- [Change Work Center](#)
- [Change Object Links](#)
- [Change Object Networks](#)
- [Approve EAM Master Data](#)
- [MDG EAM Fiori App Launchpad](#)
- [Additional Steps](#)
- [Implementing Lean Request Apps in Master Data Governance EAM \(MDG EAM\)](#)

Request New Equipment

This is a transactional application and you can request a new equipment for an organization using this. This application is easily accessible to a user who has partial knowledge of Master data governance (MDG).

Key Features

The significant features for the application can be listed as following:

- Lean requestor form for MDG EAM Equipment new users.
- Option to upload attachments containing request details.
- Creates an Equipment CR with the basic data / minimum fields only.
- The F4 help in the form accepts manual entry and displays corresponding field description.
- Equipment CR creation with the external and internal number is supported.

Technical Features

The technical features for the application can be listed as following:

- Equipment CR creation with the external and internal number is supported.
- This application enables you to upload documents.



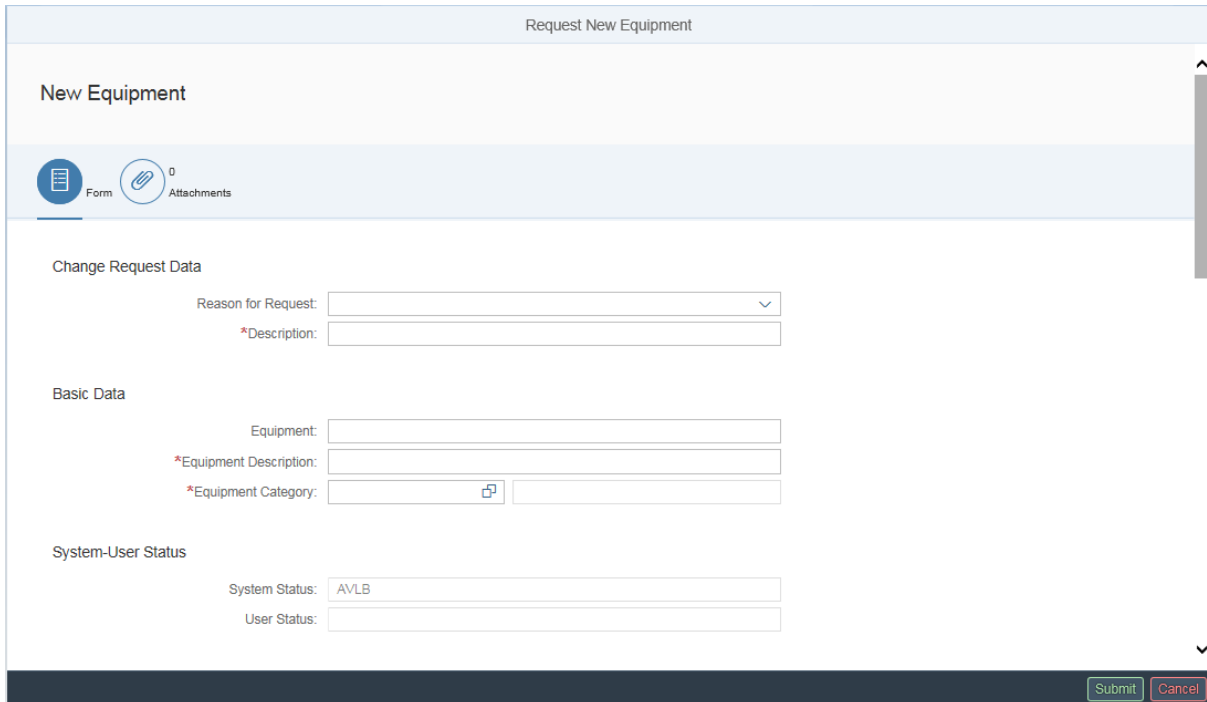
Note

For the security reasons, SAP recommends you to install the appropriate virus scanner in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

For more information about virus scanning and scan profiles for SAP Fiori apps, refer [Virus Scanning](#).

Product Features

A general business user without master data knowledge or SAP MDG application knowledge can request for creating a new MDG EAM Equipment.



The screenshot displays the 'Request New Equipment' Fiori app interface. At the top, a header bar contains the title 'Request New Equipment'. Below this, a section titled 'New Equipment' features two tabs: 'Form' (active) and 'Attachments' (indicated by a '0'). The main content area is divided into three sections: 'Change Request Data', 'Basic Data', and 'System-User Status'. The 'Change Request Data' section includes a 'Reason for Request' dropdown menu and a required field for 'Description'. The 'Basic Data' section contains fields for 'Equipment', 'Equipment Description' (marked with a red asterisk), and 'Equipment Category' (which includes a selection icon). The 'System-User Status' section has fields for 'System Status' (pre-filled with 'AVLB') and 'User Status'. At the bottom right, there are 'Submit' and 'Cancel' buttons.

Request New Equipment

General Data

Technical Object Type:

Manufacturer:

Model Number:

Manufacturer Serial No.:

Manufacturer Part No.:

Location Data

Maintenance Plant:

Location:

ABC Indicator:

Organization-Account Assignment

Company Code:

Cost Center:

Organization-Responsibilities

Planning Plant:

Planner Group:

Main Work Center:

Submit

Cancel

Request New Equipment

Organization-Responsibilities

Planning Plant:

Planner Group:

Main Work Center:

Structure

Functional Location:

Superord. Equipment:

Technical Identification No.:

Construction Type:

Class Assignment

Class Type

Class Type Description

Class

Status

No data

Characteristics

Characteristic Name

Characteristic Description

Characteristic Value

No data

Submit

Cancel

Figure 1: MDG EAM Fiori App – Request New Equipment

Configuration Details

The following sections list app-specific data required to configure the application.

SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server:

Component	Technical Name
SAPUI5 Application	/UGIEAMUI/EQ

SAP Fiori Launchpad

The following data is required to provide the users access to the app in the SAP Fiori EAM Launchpad.

Technical Configuration

Component	Technical Name
Technical Catalog	/UGIEAMUI/SAP_MDG_TC_T
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object	UGIEAMEquipment
Action	requestEquipment
SAPUI5 Application	/UGIEAMUI/EQ

Business Catalog (Launchpad)	/UGIEAMUI/SAP_MDG_BC_REQUESTOR_T	Master Data EAM Requestor (MDG) – Content
Business Group (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_REQUESTOR_T	Master Data EAM Requestor
PFCG role for Business Catalog	/UGIEAMUI/SAP_MDG_BCR_REQUEST	Master Data EAM Requestor (MDG) - Apps

OData Services

You must activate the following OData services on the front-end server.



Users require PFCG authorization for the front-end and back-end systems.

OData Service	Version
/UGIOD01/MDG_EAM_EQUIPMENT_SRV	001

Implementation Tasks

The following tasks are performed to implement the required components of the application. The following tables contain the app-specific data required for these tasks.

Front-End Server: Activate OData Services

The MDG EAM OData services would be available under ICF node:
/default_host/sap/opu/odata/ugiod01/mdg_eam_equipment_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01 /mdg_eam_equipment_srv (001)

Front-End Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node: /default_host/sap/bc/ui5_ui5/ugieamui/eq

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/EQ

Request New Functional Location

This transactional application is used for requesting a new functional location for an organization. This application is easily accessible to a user who has partial knowledge of Master data governance (MDG).

Key Features

The significant features for the application can be listed as following:

- Lean requestor form for MDG EAM Functional Location new users.
- Option to upload attachments containing request details.
- Creates a Functional Location CR with the basic data or minimal number of fields.
- F4 help in the form accepts manual entry and displays corresponding description of the field.

Technical Features

The technical features for the application can be listed as following:

- This application supports the Functional Location CR creation with an External Number.
- This app enables you to upload documents.
- For the security reasons, SAP recommends you install the appropriate virus scanner in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

For more information about virus scanning and scan profiles for SAP Fiori apps, see [Virus Scanning](#).

Product Features

A general business user without master data or SAP MDG application knowledge can request for creating a new MDG EAM Functional Location.

Request New Functional Location

New Functional Location

Form

0 Attachments

Change Request Data

Reason for Request:

*Description:

Basic Data

*Functional Location:

*Functional Location Description:

Edit Mask:

Hierarchy Levels:

*Functional Location Category:

*Structure Indicator:

Submit Cancel

Request New Functional Location

Default Values for superior functional location

Superior Functional Location:

System-User Status

System Status:

User Status:

General Data

Object Type:

Location Data

Maintenance Plant:

Location:

ABC Indicator:

Organization - Account Assignment

Company Code:

Cost Center:

Submit Cancel

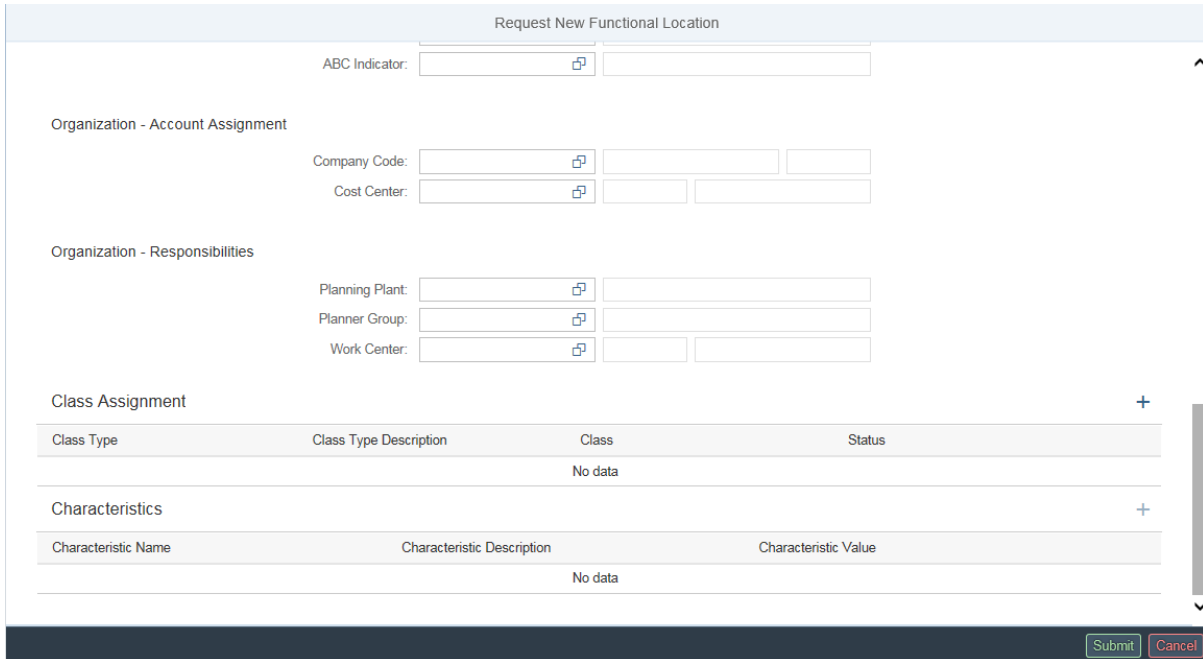


Figure 2: MDG EAM Fiori App – Request New Functional Location

Configuration Details

The following sections list app-specific data required to configure the app.

SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server.

Component	Technical Name
SAPUI5 Application	/U/UGIEAMUI/FLOGGIEAMUIFLOC

SAP Fiori Launchpad

The following data is required to provide the users access to the app in the SAP Fiori EAM Launchpad.

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_TC_T
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object	UGIEAMFloc
Action	requestFloc
SAPUI5 Application	/UGIEAMUI/FLOC

Business Catalog (Launchpad)	/UGIEAMUI/SAP_MDG_BC_REQUESTOR_T	Business Catalog (Launchpad)

Business Group (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_REQUESTOR_T	Business Group (Launchpad)
PFCG role for Business Catalog	/UGIEAMUI/SAP_MDG_BCR_REQUEST	Master Data EAM Requestor (MDG) - App

OData Services

You must activate the following OData services on the front-end server.



Users require PFCG authorization for the front-end and back-end systems.

OData Service	Version
/UGIOD01/MDG_EAM_FLOC_SRV	001

Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

Front-End Server: Activate OData Services

The MDG EAM OData services would be available under ICF node:
/default_host/sap/opu/odata/ugiod01/mdg_eam_floc_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_floc_srv (001)

Front-End Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node:
/default_host/sap/bc/ui5_ui5/ugieamui/floc

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/FLOC

Request New MRO Bill of Material

This is a transactional application and is used for requesting a new MRO bill of material for an organization. This application is easily accessible to a user who has partial knowledge of Master data governance (MDG).

Key Features

The significant features for the application can be listed as following:

- Lean requestor form for MDG EAM MRO BOM new users.
- Option to upload attachments containing request details.

- Creates a MRO BOM CR with the basic data or minimal number of fields.
- F4 help in the form accepts manual entry and displays corresponding description of the field.

Technical Features

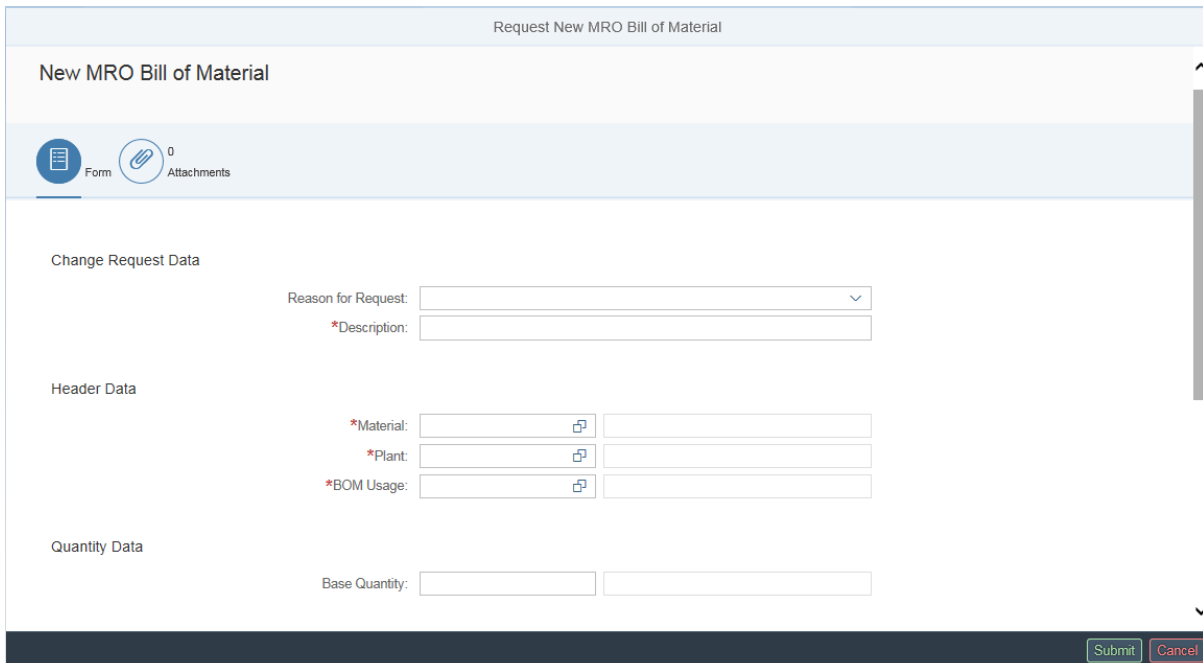
The technical features for the application can be listed as following:

- This app enables you to upload documents.
- For the security reasons, SAP recommends you install the appropriate virus scanner in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

For more information about virus scanning and scan profiles for SAP Fiori apps, see [Virus Scanning](#).

Product Features

A general business user without master data or SAP MDG application knowledge can request for creating a new MDG EAM MRO BOM.



The screenshot displays the 'Request New MRO Bill of Material' Fiori app interface. The title bar at the top reads 'Request New MRO Bill of Material'. Below the title bar, the main heading is 'New MRO Bill of Material'. The interface includes a navigation bar with a 'Form' icon and an 'Attachments' icon (showing 0 attachments). The main content area is divided into three sections: 'Change Request Data', 'Header Data', and 'Quantity Data'. In the 'Change Request Data' section, there is a 'Reason for Request' dropdown menu and a required field for '*Description'. The 'Header Data' section contains three required fields: '*Material', '*Plant', and '*BOM Usage', each with a copy icon. The 'Quantity Data' section has a 'Base Quantity' field. At the bottom right, there are 'Submit' and 'Cancel' buttons.

Request New MRO Bill of Material

Material:

^

*Plant:

*BOM Usage:

Quantity Data

Base Quantity:

Validity

Valid From:

Valid To:

BOM Status:

MRO Bill of Material and Alternative Text

BOM Header Text:

MRO Bill of Material Item Overview +

Item Number	Item Category	Component	Description	Quantity	UOM for Quantity
No items are available					

Submit
Cancel

Figure 3: MDG EAM Fiori App – Request New Bill of Material

Configuration Details

The following sections list app-specific data required to configure the app.

SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server.

Component	Technical Name
SAPUI5 Application	/UGIEAMUI/MBOM

SAP Fiori Launchpad

The following data is required to provide the users access to the app in the SAP Fiori EAM Launchpad.

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_TC_T
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object	UGIEAMMbom
Action	requestMbom
SAPUI5 Application	/UGIEAMUI/MBOM

Business Catalog (Launchpad)	/UGIEAMUI/SAP_MDG_BC_REQUESTOR_T	Master Data EAM Requestor (MDG) – Content
Business Group (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_REQUESTOR_T	Master Data EAM Requestor
PFCG role for Business Catalog	/UGIEAMUI/SAP_MDG_BCR_REQUEST	Master Data EAM Requestor (MDG) - Apps

OData Services

You must activate the following OData services on the front-end server.

Note

Users require PFCG authorization for the front-end and back-end systems.

OData Service	Version
/UGIOD01/MDG_EAM_MROBOM_SRV	001

Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

Front-end Server: Activate OData Services

The MDG EAM OData services would be available under ICF node:
/default_host/sap/opu/odata/ugiod01/mdg_eam_mrobom_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_mrobom_srv (001)

Front-end Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node:
/default_host/sap/bc/ui5_ui5/ugieamui/mbom

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/MBOM

Request New Measuring Point

This is a transactional application and is used for requesting a new measuring point for an organization. This application is easily accessible to a user who has partial knowledge of Master data governance (MDG).

Key Features

The significant features for the application can be listed as following:

- Lean requestor form for MDG EAM Maintenance Plan new users.
- Option to upload attachments containing request details.
- Creates a Measuring Point CR with the basic data or minimal number of fields.
- F4 help in the form accepts manual entry and displays corresponding description of the field.
- Measuring Point CR creation with External and Internal Number is supported.

Technical Features

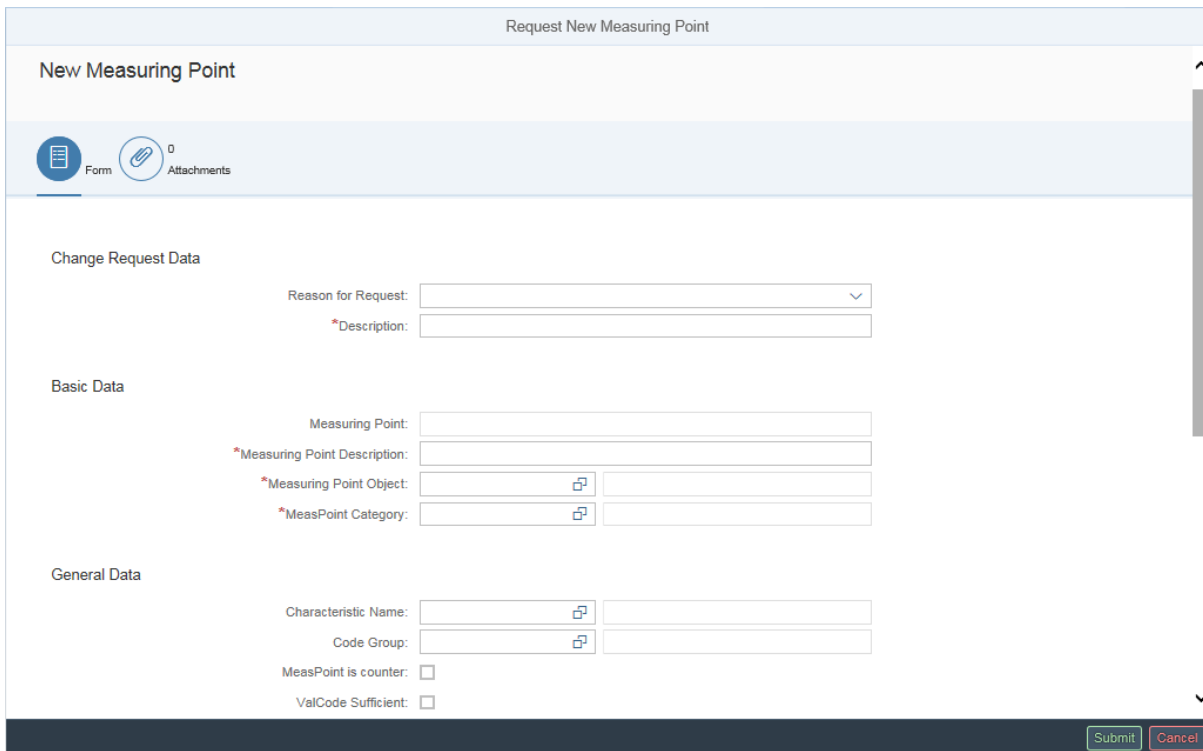
The technical features for the application can be listed as following:

- This app supports the Measuring Point CR creation with External Number and Internal Number.
- This app enables you to upload documents.
- For the security reasons, SAP recommends you install the appropriate virus scanner in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

For more information about virus scanning and scan profiles for SAP Fiori apps, see [Virus Scanning](#).

Product Features

A general business user without master data or SAP MDG application knowledge can request for creating a new MDG EAM Measuring Point.



The screenshot shows the 'Request New Measuring Point' Fiori app interface. The title bar at the top reads 'Request New Measuring Point'. Below the title bar, the main heading is 'New Measuring Point'. There are two tabs: 'Form' (selected) and 'Attachments'. The form is divided into three sections: 'Change Request Data', 'Basic Data', and 'General Data'. The 'Change Request Data' section contains 'Reason for Request' (a dropdown menu) and '*Description' (a text field). The 'Basic Data' section contains 'Measuring Point' (a text field), '*Measuring Point Description' (a text field), '*Measuring Point Object' (a text field with a search icon), and '*MeasPoint Category' (a text field with a search icon). The 'General Data' section contains 'Characteristic Name' (a text field with a search icon), 'Code Group' (a text field with a search icon), 'MeasPoint is counter' (a checkbox), and 'ValCode Sufficient' (a checkbox). At the bottom right, there are 'Submit' and 'Cancel' buttons.

Request New Measuring Point

General Data

Characteristic Name:

Code Group:

MeasPoint is counter: ☐

ValCode Sufficient: ☐

Target Limits and Counter Data

Target Value:

Additional Data - Measurement Range Limits

Upper Range Limit:

Lower Range Limit:

Class Assignment

Class Type	Class Type Description	Class	Status
No data			

Characteristics

Characteristic Name	Characteristic Description	Characteristic Value
No data		

Figure 4: MDG EAM Fiori App – Request new Measuring Point.

Configuration Details

The following sections list app-specific data required to configure the app.

SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server.

Component	Technical Name
SAPUI5 Application	/UGIEAMUI/MSPT

SAP Fiori Launchpad

The following data is required to provide the users access to the app in the SAP Fiori EAM Launchpad.

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_TC_T
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object	UGIEAMMeasPoint
Action	requestMeasPoint
SAPUI5 Application	/UGIEAMUI/MSPT

Business Catalog (Launchpad)	/UGIEAMUI/SAP_MDG_BC_REQUESTOR_T	Master Data EAM Requestor (MDG) – Content
Business Group (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_REQUESTOR_T	Master Data EAM Requestor
PFCG role for Business Catalog	/UGIEAMUI/SAP_MDG_BCR_REQUEST	Master Data EAM Requestor (MDG) - Apps

OData Services

You must activate the following OData services on the front-end server.



Users require PFCG authorization for the front-end and back-end systems.

OData Service	Version
/UGIOD01/MDG_EAM_MSPOINT_SRV	001

Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

Front-End Server: Activate OData Services

The MDG EAM OData services would be available under ICF node:
/default_host/sap/opu/odata/ugiod01/mdg_eam_mpmi_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_mspoint_srv (001)

Front-End Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node:
/default_host/sap/bc/ui5_ui5/ugieamui/mspt

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/MSPT

Request New Maintenance Plan

This is a transactional application and is used for requesting a new maintenance plan for an organization. This application is easily accessible to a user who has partial knowledge of Master data governance (MDG).

Key Features

The significant features for the application can be listed as following:

- Lean requestor form for MDG EAM Maintenance Plan new users.
- Option to upload attachments containing request details.
- Creates a Maintenance Plan CR with the basic data or minimal number of fields.
- F4 help in the form accepts manual entry and displays corresponding description of the field.
- Maintenance Plan CR creation with External and Internal Number is supported.

Technical Features

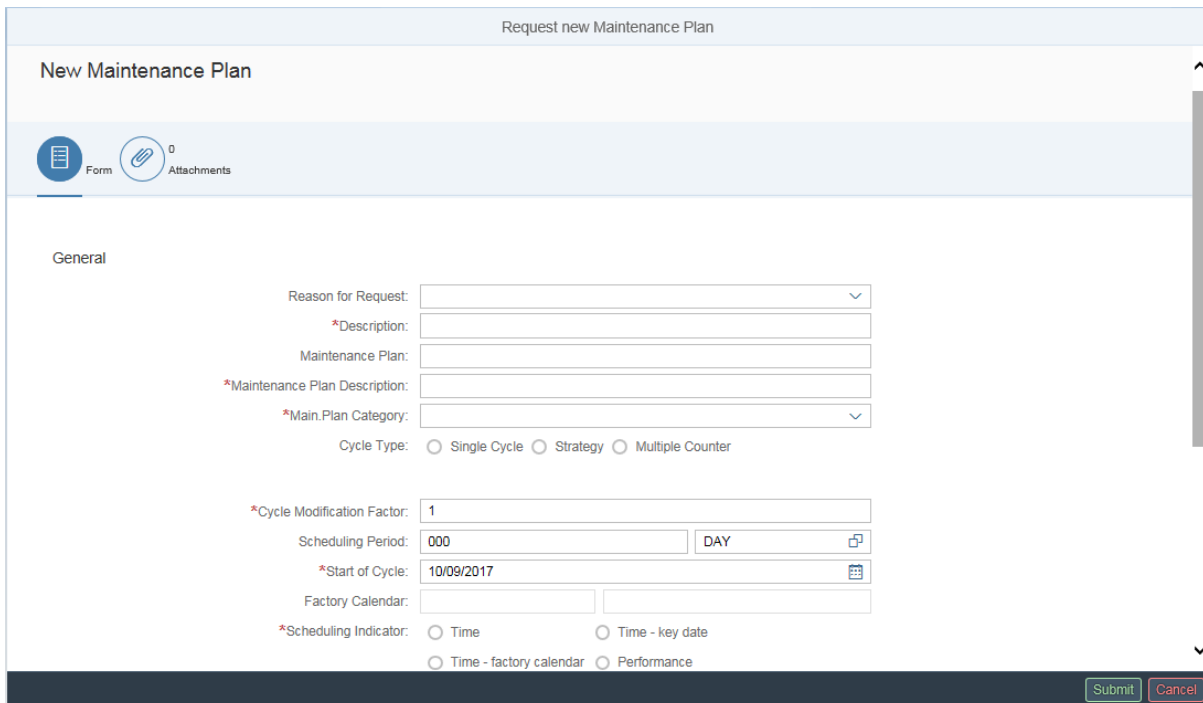
The technical features for the application can be listed as following:

- This app supports the Maintenance Plan CR creation with External Number and Internal Number.
- This app enables you to upload documents.
- For the security reasons, SAP recommends you install the appropriate virus scanner in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

For more information about virus scanning and scan profiles for SAP Fiori apps, see [Virus Scanning](#).

Product Features

A general business user without master data or SAP MDG application knowledge can request for creating a new MDG EAM Maintenance Plan.



The screenshot shows the 'Request new Maintenance Plan' Fiori app interface. The title bar at the top says 'Request new Maintenance Plan'. Below it, the main header is 'New Maintenance Plan'. There are two tabs: 'Form' (active) and 'Attachments' (0 attachments). The 'General' section contains the following fields and options:

- Reason for Request: (dropdown menu)
- *Description: (text field)
- Maintenance Plan: (text field)
- *Maintenance Plan Description: (text field)
- *Main Plan Category: (dropdown menu)
- Cycle Type: (radio buttons for Single Cycle, Strategy, Multiple Counter)
- *Cycle Modification Factor: (text field with value 1)
- Scheduling Period: (text field with value 000) and (dropdown menu with value DAY)
- *Start of Cycle: (text field with value 10/09/2017)
- Factory Calendar: (text field)
- *Scheduling Indicator: (radio buttons for Time, Time - key date, Time - factory calendar, Performance)

At the bottom right, there are 'Submit' and 'Cancel' buttons.

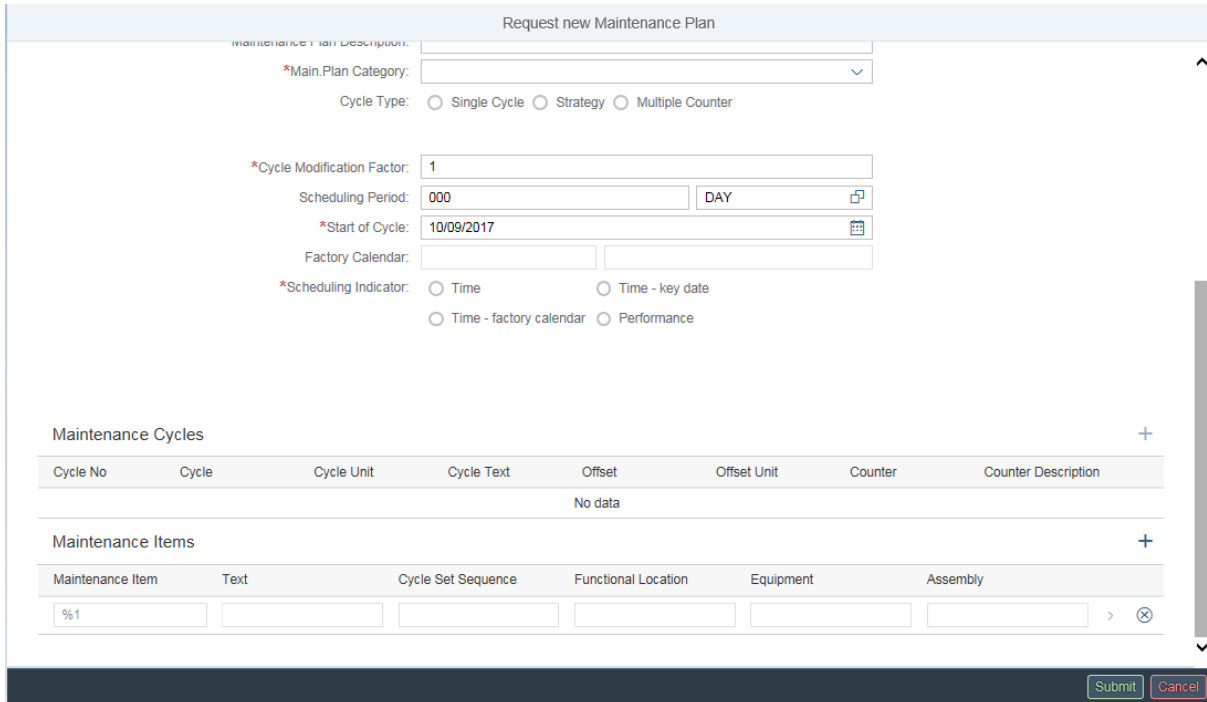


Figure 5: MDG EAM Fiori App – Request new Maintenance Plan

Configuration Details

The following sections list app-specific data required to configure the app.

SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server.

Component	Technical Name
SAPUI5 Application	/UGIEAMUI/MPMI

SAP Fiori Launchpad

The following data is required to provide the users access to the app in the SAP Fiori EAM Launchpad.

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_TC_T
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object	UGIEAMMaintPlanMaintItem
Action	requestMPMI
SAPUI5 Application	/UGIEAMUI/MPMI

Business Catalog (Launchpad)	/UGIEAMUI/SAP_MDG_BC_REQUESTOR_T	Master Data EAM Requestor (MDG) – Content
Business Group (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_REQUESTOR_T	Master Data EAM Requestor
PFCG role for Business Catalog	/UGIEAMUI/SAP_MDG_BCR_REQUEST	Master Data EAM Requestor (MDG) - App

OData Services

You must activate the following OData services on the front-end server.

Note

Users require PFCG authorization for the front-end and back-end systems.

OData Service	Version
/UGIOD01/MDG_EAM_MPMI_SRV	001

Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

Front-End Server: Activate OData Services

The MDG EAM OData services would be available under ICF node:
/default_host/sap/opu/odata/ugiod01/mdg_eam_mpmi_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_mpmi_srv (001)

Front-End Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node:
/default_host/sap/bc/ui5_ui5/ugieamui/mpmi

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/MPMI

Request New Task List

This is a transactional application and is used for requesting a new task list for an organization. This application is easily accessible to a user who has partial knowledge of Master data governance (MDG).

Key Features

The significant features for the application can be listed as following:

- Lean requestor form for MDG EAM Task List new users.
- Option to upload attachments containing request details.
- Creates a Task List CR with the basic data or minimal number of fields.
- F4 help in the form accepts manual entry and displays corresponding description of the field.

Technical Features

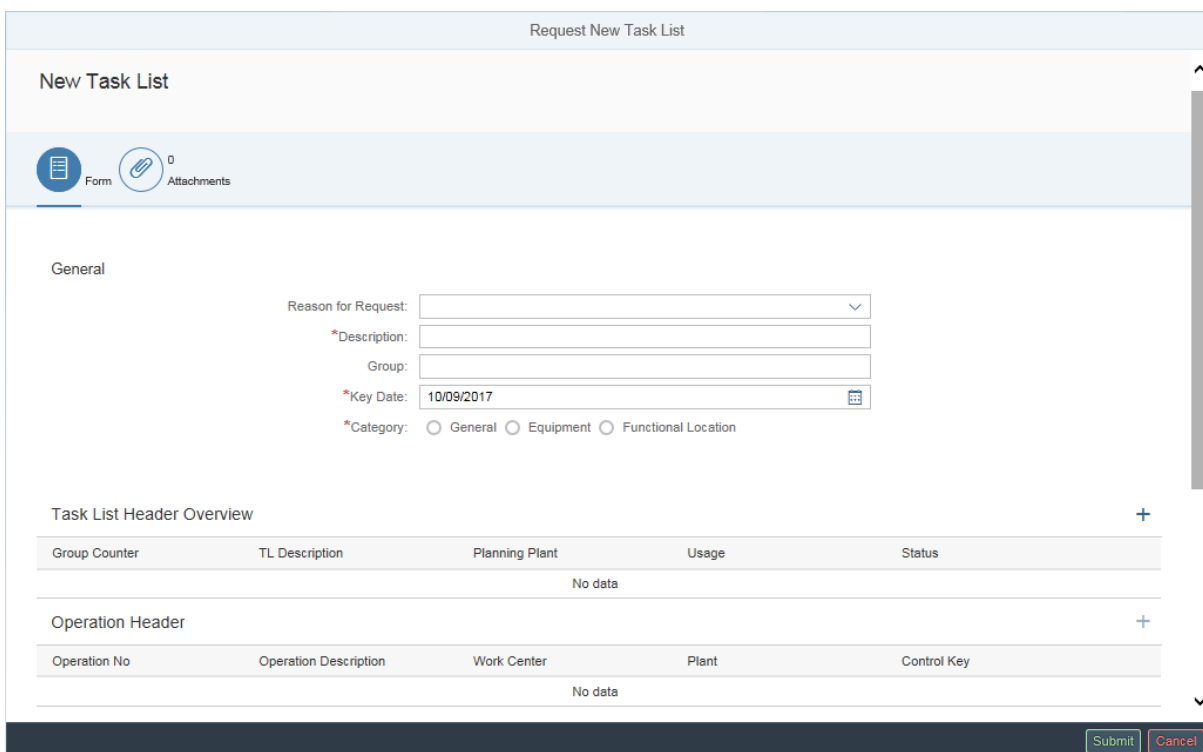
The technical features for the application can be listed as following:

- This app enables you to upload documents.
- For the security reasons, SAP recommends you install the appropriate virus scanner in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

For more information about virus scanning and scan profiles for SAP Fiori apps, see [Virus Scanning](#).

Product Features

A general business user without master data or SAP MDG application knowledge can request for creating a new MDG EAM Task List.



Request New Task List

New Task List

Form Attachments 0

General

Reason for Request:

*Description:

Group:

*Key Date: 10/09/2017

*Category: ☐ General ☐ Equipment ☐ Functional Location

Task List Header Overview

Group Counter	TL Description	Planning Plant	Usage	Status
No data				

Operation Header

Operation No	Operation Description	Work Center	Plant	Control Key
No data				

Submit Cancel

Request New Task List

*Key Date: 10/09/2017

*Category: ☐ General ☐ Equipment ☐ Functional Location

Task List Header Overview +

Group Counter	TL Description	Planning Plant	Usage	Status
No data				

Operation Header +

Operation No	Operation Description	Work Center	Plant	Control Key
No data				

Components +

Material	Material Description	Quantity	Unit for Quantity	Item Category
No data				

Class Assignment +

Class Type	Class Type Description	Class	Status
No data			

Characteristics +

Characteristic Name	Characteristic Description	Characteristic Value
No data		

Submit Cancel

Figure 6: MDG EAM Fiori App – Request new Task List.

Configuration Details

The following sections list app-specific data required to configure the app.

SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server.

Component	Technical Name
SAPUI5 Application	/UGIEAMUI/TL

SAP Fiori Launchpad

The following data is required to provide the users access to the app in the SAP Fiori EAM Launchpad.

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_TC_T
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object	UGIEAMTaskList
Action	requestTaskList
SAPUI5 Application	/UGIEAMUI/TL

Business Catalog (Launchpad)	/UGIEAMUI/SAP_MDG_BC_REQUESTOR_T	Master Data EAM Requestor (MDG) – Content
Business Group (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_REQUESTOR_T	Master Data EAM Requestor
PFCG role for Business Catalog	/UGIEAMUI/SAP_MDG_BCR_REQUEST	Master Data EAM Requestor (MDG) - Apps

OData Services

You must activate the following OData services on the front-end server.

Note

Users require PFCG authorization for the front-end and back-end systems.

OData Service	Version
/UGIOD01/MDG_EAM_TASKLIST_SRV	001

Implementation Tasks

The following task are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

Front-end Server: Activate OData Services

The MDG EAM OData services would be available under ICF node:
/default_host/sap/opu/odata/ugiod01/mdg_eam_tasklist_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_tasklist_srv (001)

Front-end Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node: /default_host/sap/bc/ui5_ui5/ugieamui/tl

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/TL

Request New Work Center

This is a transactional application is a used for requesting a new work center for an organization. This application is easily accessible to a user who has partial knowledge of Master data governance (MDG).

Key Features

The significant features for the application can be listed as following

- Lean requestor form for MDG EAM Work Center new users.

- Option to upload attachments containing request details.
- Creates a Work Center CR with the basic data or minimal number of fields.
- F4 help in the form accepts manual entry and displays corresponding description of the field.

Technical Features

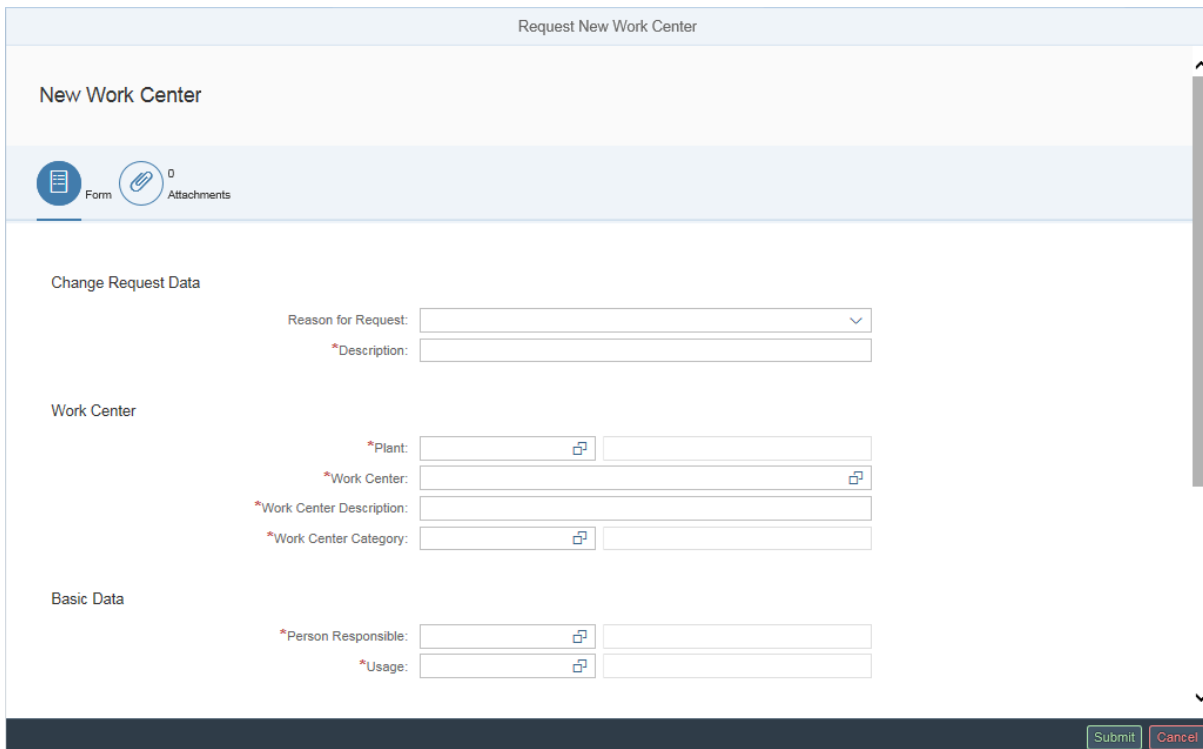
The technical features for the application can be listed as following:

- This app enables you to upload documents.
- For the security reasons, SAP recommends you install the appropriate virus scanner in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

For more information about virus scanning and scan profiles for SAP Fiori apps, see [Virus Scanning](#).

Product Features


A general business user without master data or SAP MDG application knowledge can request for creating a new MDG EAM Work Center.




The screenshot shows the 'Request New Work Center' Fiori app interface. The title bar at the top reads 'Request New Work Center'. Below the title bar, the main heading is 'New Work Center'. There are two tabs: 'Form' (selected) and 'Attachments'. The form is divided into three sections: 'Change Request Data', 'Work Center', and 'Basic Data'. Each section contains several input fields, some of which are marked with an asterisk (*) indicating they are mandatory. The 'Change Request Data' section includes 'Reason for Request' (a dropdown menu) and '*Description'. The 'Work Center' section includes '*Plant', '*Work Center', '*Work Center Description', and '*Work Center Category'. The 'Basic Data' section includes '*Person Responsible' and '*Usage'. At the bottom right of the form, there are 'Submit' and 'Cancel' buttons.


Request New Work Center

Work Center


*Plant: 


*Work Center: 

*Work Center Description:


*Work Center Category: 

Basic Data


*Person Responsible: 


*Usage: 

Default Values

Control Key: 

Standard Value Maintenance

*Standard Value Key: 

Cost Center Assignment 

Controlling Area	Controlling Area Description	Cost Center	Cost Center Description	Activity Type	Activity Type Description	Formula Key Costing	Formula Key Costing Description
No data							

Figure 7: MDG EAM Fiori App – Request new Work Center

Configuration Details

The following sections list app-specific data required to configure the app.

SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server.

Component	Technical Name
SAPUI5 Application	/UGIEAMUI/WC

SAP Fiori Launchpad

The following data is required to provide the users access to the app in the SAP Fiori EAM Launchpad.

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_TC_T
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object	UGIEAMWorkCenter
Action	requestWorkCenter
SAPUI5 Application	/UGIEAMUI/WC

Business Catalog (Launchpad)	/UGIEAMUI/SAP_MDG_BC_REQUESTOR_T	Master Data EAM Requestor (MDG) – Content
Business Group (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_REQUESTOR_T	Master Data EAM Requestor
PFCG role for Business Catalog	/UGIEAMUI/SAP_MDG_BCR_REQUEST	Master Data EAM Requestor (MDG) - Apps

OData Services

You must activate the following OData services on the front-end server.

Note

Users require PFCG authorization for the front-end and back-end systems.

OData Service	Version
/UGIOD01/MDG_EAM_WORKCENTER_SRV	001

Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

Front-end Server: Activate OData Services

The MDG EAM OData services would be available under ICF node:
/default_host/sap/opu/odata/ugiod01/mdg_eam_workcenter_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_workcenter_srv (001)

Front-end Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node: /default_host/sap/bc/ui5_ui5/ugieamui/wc

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/WC

Request New Object Links

This is a transactional application is a used for requesting a new object link for an organization. This application is easily accessible to a user who has partial knowledge of Master data governance (MDG).

Key Features

The significant features for the application can be listed as following:

- Lean requestor form for MDG EAM Object Link new users.
- Option to upload attachments containing request details.
- Creates an Object Link CR with the basic data or minimal number of fields.
- F4 help in the form accepts manual entry and displays corresponding description of the field.

Technical Features

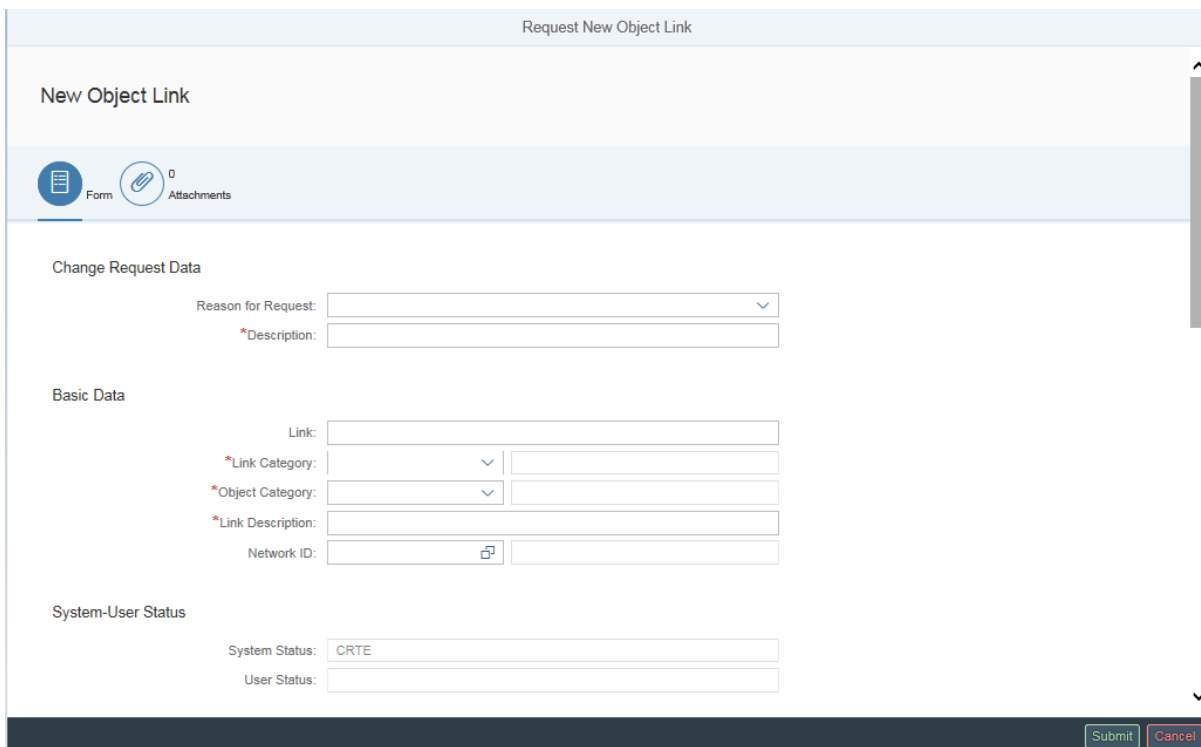
The technical features for the application can be listed as following:

- This app enables you to upload documents.
- For the security reasons, SAP recommends you install the appropriate virus scanner in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

For more information about virus scanning and scan profiles for SAP Fiori apps, see [Virus Scanning](#).

Product Features

A general business user without master data or SAP MDG application knowledge can request for creating a new MDG EAM Object Links.



The screenshot shows the 'Request New Object Link' Fiori app interface. The title bar at the top reads 'Request New Object Link'. Below it, the main heading is 'New Object Link'. There are two tabs: 'Form' (selected) and 'Attachments' (with a '0' indicator). The form is divided into three sections: 'Change Request Data', 'Basic Data', and 'System-User Status'. In the 'Change Request Data' section, there is a 'Reason for Request' dropdown menu and a required '*Description' text field. The 'Basic Data' section contains a 'Link' text field, a required '*Link Category' dropdown, a required '*Object Category' dropdown, a required '*Link Description' text field, and a 'Network ID' field with a search icon. The 'System-User Status' section has a 'System Status' dropdown (currently showing 'CRTE') and a 'User Status' text field. At the bottom right, there are 'Submit' and 'Cancel' buttons.

Request New Object Link

Objects Linked

Link from Equipment:

Link to Equipment:

Link Object:

Link from FLoc:

Link to FLoc:

Link Object:

Link Description

Number:

Authorization Group:

Valid from:

Time:

Valid To:

Time:

Medium:

Relationship Possible: ☐ One-way relationship ☐ Two-way relationship

Relationship Used: ☐ Relationship not used ☐ One-way relationship ☐ Two-way relationship

Request New Object Link

Number:

Authorization Group:

Valid from:

Time:

Valid To:

Time:

Medium:

Relationship Possible: ☐ One-way relationship ☐ Two-way relationship

Relationship Used: ☐ Relationship not used ☐ One-way relationship ☐ Two-way relationship

Class Assignment +

Class Type	Class Type Description	Class	Status
No data			

Characteristics +

Characteristic Name	Characteristic Description	Characteristic Value
No data		

Figure 8: MDG EAM Fiori App – Request New Object Link

Configuration Details

The following sections list app-specific data required to configure the app.

SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server.

Component	Technical Name
SAPUI5 Application	/UGIEAMUI/OL

SAP Fiori Launchpad

The following data is required to provide the users access to the app in the SAP Fiori EAM Launchpad.

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_TC_T
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object	UGIEAMObjectLink
Action	requestObjectLink
SAPUI5 Application	/UGIEAMUI/OL

Business Catalog (Launchpad)	/UGIEAMUI/SAP_MDG_BC_REQUESTOR_T	Master Data EAM Requestor (MDG) – Content
Business Group (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_REQUESTOR_T	Master Data EAM Requestor
PFCG role for Business Catalog	/UGIEAMUI/SAP_MDG_BCR_REQUEST	Master Data EAM Requestor (MDG) - Apps

OData Services

You must activate the following OData services on the front-end server.

Note

Users require PFCG authorization for the front-end and back-end systems.

OData Service	Version
/UGIOD01/MDG_EAM_OBJECT_LINK_SRV/	001

Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

Front-end Server: Activate OData Services

The MDG EAM OData services would be available under ICF node:
/default_host/sap/opu/odata/ugiod01/mdg_eam_object_link_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_object_link_srv (001)

Front-end Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node: /default_host/sap/bc/ui5_ui5/ugieamui/ol

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/OL

Request New Object Networks

This is a transactional application is a used for requesting a new object network for an organization. This application is easily accessible to a user who has partial knowledge of Master data governance (MDG).

Key Features

The significant features for the application can be listed as following:

- Lean requestor form for MDG EAM Object Network new users.
- Option to upload attachments containing request details.
- Creates an Object Network CR with the basic data or minimal number of fields.
- F4 help in the form accepts manual entry and displays corresponding description of the field.

Technical Features

The technical features for the application can be listed as following:

- This app enables you to upload documents.
- For the security reasons, SAP recommends you install the appropriate virus scanner in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

For more information about virus scanning and scan profiles for SAP Fiori apps, see [Virus Scanning](#).

Product Features

A general business user without master data or SAP MDG application knowledge can request for creating a new MDG EAM Object Networks.

Request New Object Network

New Object Network

Form

0 Attachments

General Data

Reason for Request:

*Description:

Basic Data

*Object Type:

*Network ID:

Network Group:

Network Type:

*Network Short Text:

Linear Data

Linear Reference Pattern:

Start Point:

End Point:

Length:

Unit of Measure:

Start Marker:

End Marker:

Distance Start Marker:

Distance End Marker:

Marker Distance Unit:

Submit

Cancel

Request New Object Network

General Data

Reason for Request:

*Description:

Basic Data

*Object Type:

*Network ID:

Network Group:

Network Type:

*Network Short Text:

Linear Data

Linear Reference Pattern:

Start Point:

End Point:

Length:

Unit of Measure:

Start Marker:

End Marker:

Distance Start Marker:

Distance End Marker:

Marker Distance Unit:

Object Links +

Object Link	Link Description	Link from Equipment	Link to Equipment	Link Object Equipment	Link Object FLoc	Link from FLoc	Link to FLoc
No data							

Figure 9: MDG EAM Fiori App – Request New Object Networks

Configuration Details

The following sections list app-specific data required to configure the app.

SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server.

Component	Technical Name
SAPUI5 Application	/UGIEAMUI/ON

SAP Fiori Launchpad

The following data is required to provide the users access to the app in the SAP Fiori EAM Launchpad.

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_TC_T
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T

Semantic Object	UGIEAMObjectNetwork
Action	requestObjectNetwork
SAPUI5 Application	/UGIEAMUI/ON

Business Catalog (Launchpad)	/UGIEAMUI/SAP_MDG_BC_REQUESTOR_T	Master Data EAM Requestor (MDG) – Content
Business Group (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_REQUESTOR_T	Master Data EAM Requestor
PFCG role for Business Catalog	/UGIEAMUI/SAP_MDG_BCR_REQUEST	Master Data EAM Requestor (MDG) - Apps

OData Services

You must activate the following OData services on the front-end server.

Note

Users require PFCG authorization for the front-end and back-end systems.

OData Service	Version
/UGIOD01/ MDG_EAM_OBJECTNETWORK_SRV/	001

Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

Front-end Server: Activate OData Services

The MDG EAM OData services would be available under ICF node:
/default_host/sap/opu/odata/ugiod01/mdg_eam_objectnetwork_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_objectnetwork_srv (001)

Front-end Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node: /default_host/sap/bc/ui5_ui5/ugieamui/on

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/ON

Change Equipment

This is a transactional application used for requesting a new change equipment for an organization. This application is easily accessible to a user who has partial knowledge of Master data governance (MDG).

Key Features

The significant features for the application can be listed as following:

- Lean requestor form for MDG EAM Equipment Change new users.
- Option to upload attachments containing request details.
- Creates an Equipment Change CR with the basic data or minimum number of fields.
- F4 help in the form accepts manual entry and displays corresponding description of the field.

Technical Features

The technical features for the application can be listed as following:

- This application enables you to upload documents.
- For the security reasons, SAP recommends you install the appropriate virus scanner in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

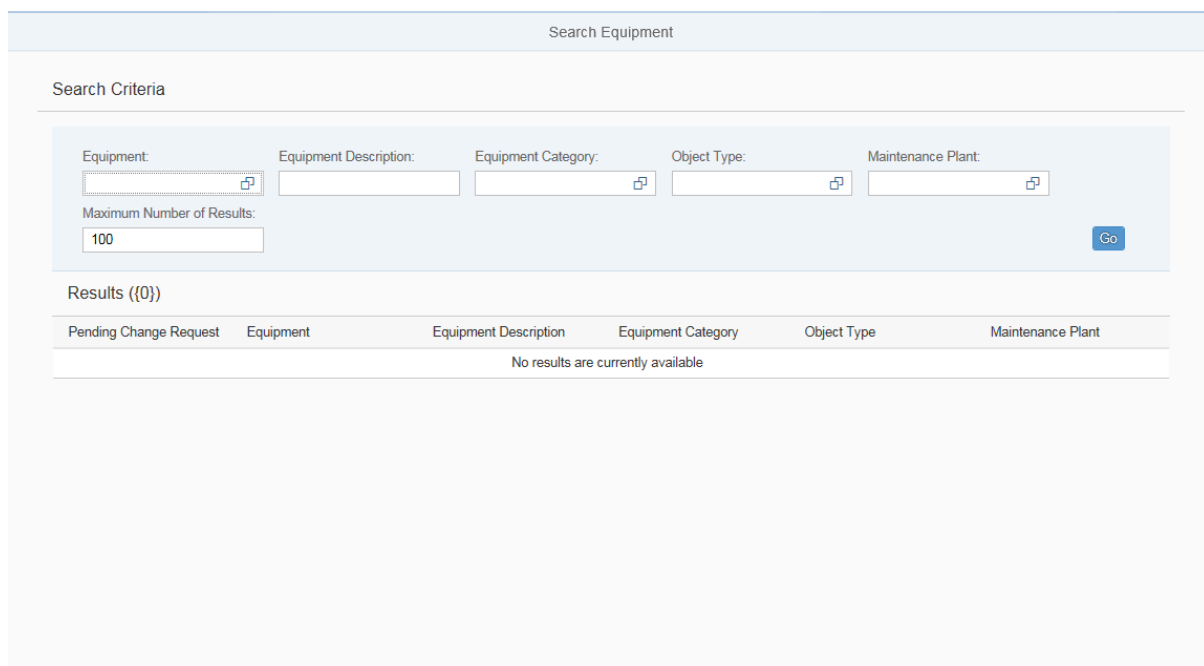


Note

For more information about virus scanning and scan profiles for SAP Fiori apps, see [Virus Scanning](#).


Product Features

A general business user without master data knowledge or SAP MDG application knowledge can request for creating a new MDG EAM Equipment Change.





Search Equipment


Search Criteria

Equipment: 

Equipment Description:

Equipment Category: 

Object Type: 

Maintenance Plant: 

Maximum Number of Results:

Go

Results ({0})

Pending Change Request	Equipment	Equipment Description	Equipment Category	Object Type	Maintenance Plant
No results are currently available					

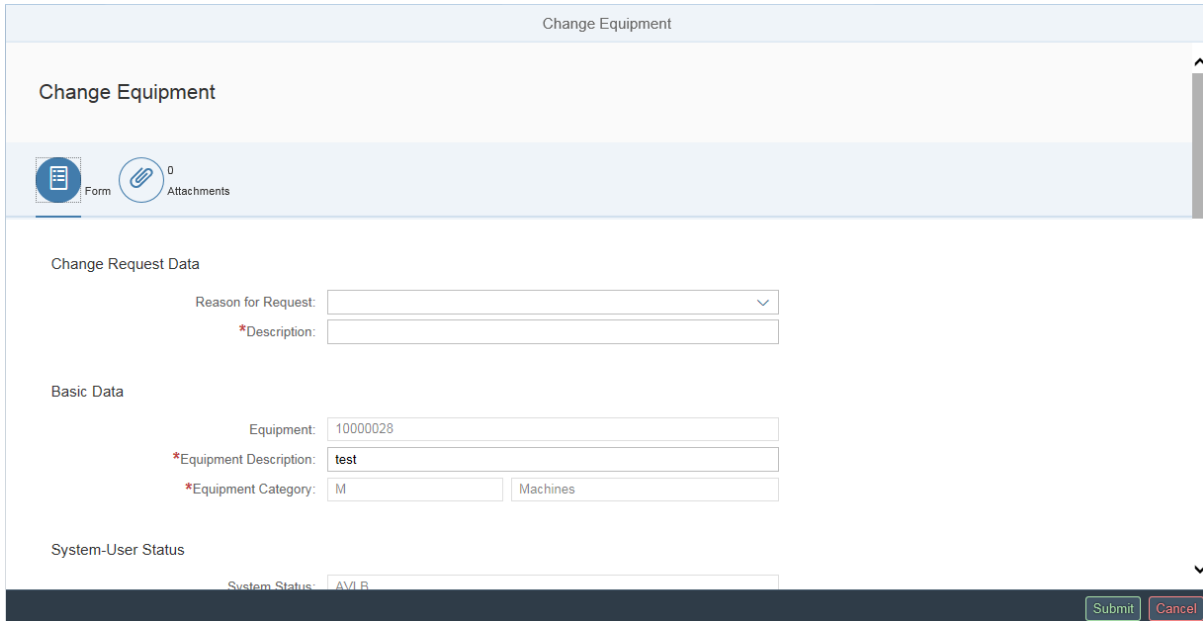


Figure 10: MDG EAM Fiori App – Change Equipment

Configuration Details

The following sections list app-specific data required to configure the app.

SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server.

Component	Technical Name
SAPUI5 Application	/UGIEAMUI/EQC

SAP Fiori Launchpad

The following data is required to provide the users access to the app in the SAP Fiori EAM Launchpad.

Technical Configuration

Technical Catalog		/UGIEAMUI/SAP_MDG_CH_TC_T
TECHNICAL_PFCG_ROLE		/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object		UGIEAMEquipmentChange
Action		changeEquipment
SAPUI5 Application		/UGIEAMUI/EQC
Business Catalog (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_CH_REQUESTOR_T	Master Data EAM Change Requestor (MDG) - Content

Business Group (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_CH_REQUESTOR_T	Master Data EAM Change Requestor (MDG)
PFCG role for Business Catalog	/UGIEAMUI/SAP_MDG_BCR_REQUEST	Master Data EAM Requestor (MDG) - Apps

OData Services

You must activate the following OData services on the front-end server.

Note

Users require PFCG authorization for the front-end and back-end systems.

OData Service	Version
/UGIOD01/MDG_EAM_EQUIPMENT_SRV	001

Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

Front-End Server: Activate OData Services

The MDG EAM OData services would be available under ICF node:

/default_host/sap/opu/odata/ugiod01/mdg_eam_equipment_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_equipment_srv (001)

Front-End Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node:

/default_host/sap/bc/ui5_ui5/ugieamui/eqc

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/EQC

Change Functional Location

This is a transactional application used for requesting a new change functional location for an organization. This application is easily accessible to a user who has partial knowledge of Master data governance (MDG).

Key Features

The significant features for the application can be listed as following:

- Lean requestor form for MDG EAM Functional Location Change new users.
- Option to upload attachments containing request details.

- Creates a Functional Location Change CR with the basic data or minimum number of fields.
- F4 help in the form accepts manual entry and displays corresponding description of the field.

Technical Features

The technical features for the application can be listed as following:

- This application enables you to upload documents.
- For the security reasons, SAP recommends you install the appropriate virus scanner in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

Note

For more information about virus scanning and scan profiles for SAP Fiori apps, see [Virus Scanning](#).

Product Features

A general business user without master data knowledge or SAP MDG application knowledge can request for creating a new MDG EAM Functional Location Change.

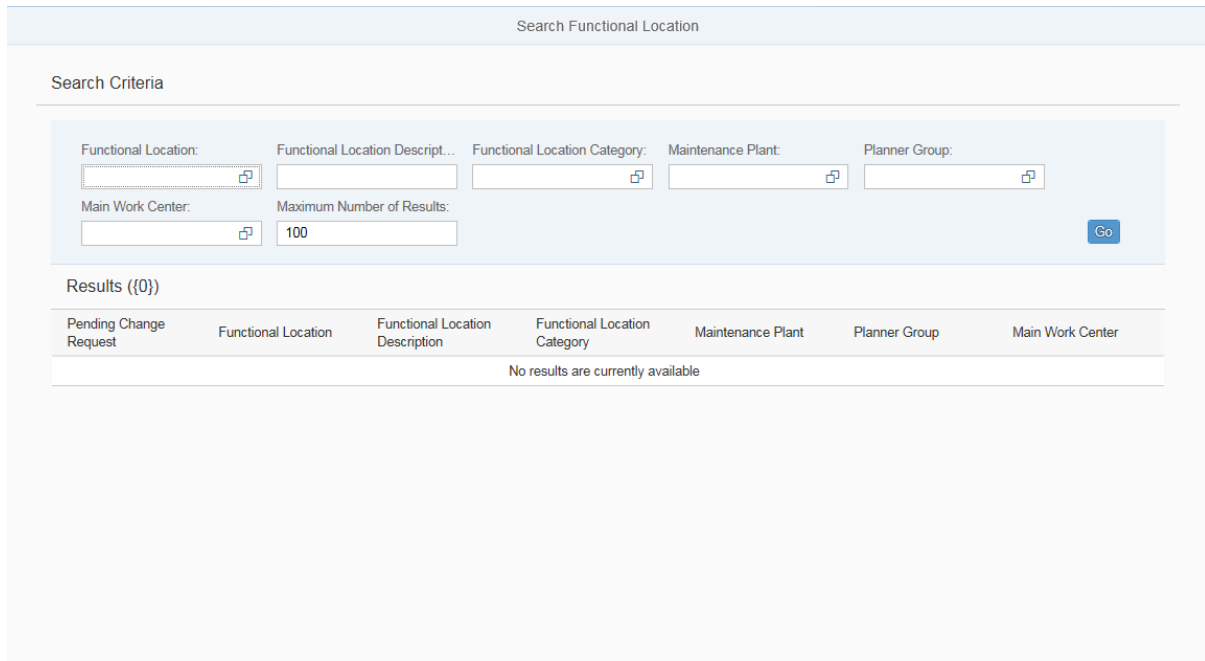


Figure 11: MDG EAM Fiori App – Change Functional Location

Configuration Details

The following sections list app-specific data required to configure the app.

SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server.

Component	Technical Name
SAPUI5 Application	/UGIEAMUI/FLOCCHG

SAP Fiori Launchpad

The following data is required to provide the users access to the app in the SAP Fiori EAM Launchpad.

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_CH_TC_T	
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T	
Semantic Object	UGIEAMFlocChange	
Action	changeFloc	
SAPUI5 Application	/UGIEAMUI/FLOCCHG	
Business Catalog (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_CH_REQUESTOR_T	Master Data EAM Change Requestor (MDG) - Content
Business Group (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_CH_REQUESTOR_T	Master Data EAM Change Requestor (MDG)
PFCG role for Business Catalog	/UGIEAMUI/SAP_MDG_BCR_REQUEST	Master Data EAM Requestor (MDG) - Apps

OData Services

You must activate the following OData services on the front-end server.



Users require PFCG authorization for the front-end and back-end systems.

OData Service	Version
/UGIOD01/MDG_EAM_FLOC_SRV	001

Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

Front-End Server: Activate OData Services

The MDG EAM OData services would be available under ICF node:
/default_host/sap/opu/odata/ugiod01/mdg_eam_floc_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_floc_srv (001)

Front-End Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node:
/default_host/sap/bc/ui5_ui5/ugieamui/flocchg

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/FLOCCHG

Change MRO Bill of Material

This is a transactional application used for requesting a new change MRO Bill of Material for an organization. This application is easily accessible to a user who has partial knowledge of Master data governance (MDG).

Key Features

The significant features for the application can be listed as following:

- Lean requestor form for MDG EAM MRO Bill of Material Change new users.
- Option to upload attachments containing request details.
- Creates a MRO Bill of Material Change CR with the basic data or minimum number of fields.
- F4 help in the form accepts manual entry and displays corresponding description of the field.

Technical Features

The technical features for the application can be listed as following:

- This application enables you to upload documents.
- For the security reasons, SAP recommends you install the appropriate virus scanner in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.



Note

For more information about virus scanning and scan profiles for SAP Fiori apps, see [Virus Scanning](#).

Product Features

A general business user without master data knowledge or SAP MDG application knowledge can request for creating a new MDG EAM MRO Bill of Material Change.

Search MRO Bill of Material

Search Criteria

Material:

BOM Description:

BOM Status:

Plant:

BOM Usage:

Maximum Number of Results:

Results ({0})

Pending Change Request	Material	BOM Description	BOM Status	Plant	BOM Usage
No results are currently available					

Figure 12: MDG EAM Fiori App – Change MRO Bill of Material

Configuration Details

The following sections list app-specific data required to configure the app.

SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server.

Component	Technical Name
SAPUI5 Application	/UGIEAMUI/MBOMCH

SAP Fiori Launchpad

The following data is required to provide the users access to the app in the SAP Fiori EAM Launchpad.

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_CH_TC_T	
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T	
Semantic Object	UGIEAMMBOMChange	
Action	changeMROBOM	
SAPUI5 Application	/UGIEAMUI/MBOMCH	
Business Catalog (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_CH_REQUESTOR_T	Master Data EAM Change Requestor (MDG) - Content

Business Group (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_CH_REQUESTOR_T	Master Data EAM Change Requestor (MDG)
PFCG role for Business Catalog	/UGIEAMUI/SAP_MDG_BCR_REQUEST	Master Data EAM Requestor (MDG) - Apps

OData Services

You must activate the following OData services on the front-end server.

Note

Users require PFCG authorization for the front-end and back-end systems.

OData Service	Version
/UGIOD01/MDG_EAM_MROBOM_SRV	001

Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

Front-End Server: Activate OData Services

The MDG EAM OData services would be available under ICF node:

/default_host/sap/opu/odata/ugiod01/mdg_eam_mrobom_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_mrobom_srv (001)

Front-End Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node:

/default_host/sap/bc/ui5_ui5/ugieamui/mbomch

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/MBOMCH

Change Measuring Point

This is a transactional application used for requesting a new change measuring point for an organization. This application is easily accessible to a user who has partial knowledge of Master data governance (MDG).

Key Features

The significant features for the application can be listed as following:

- Lean requestor form for MDG EAM Measuring Point Change new users.

- Option to upload attachments containing request details.
- Creates a Measuring Point Change CR with the basic data or minimum number of fields.
- F4 help in the form accepts manual entry and displays corresponding description of the field.

Technical Features

The technical features for the application can be listed as following:

- This application enables you to upload documents.
- For the security reasons, SAP recommends you install the appropriate virus scanner in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

Note

For more information about virus scanning and scan profiles for SAP Fiori apps, see [Virus Scanning](#).

Product Features

A general business user without master data knowledge or SAP MDG application knowledge can request for creating a new MDG EAM Measuring Point Change.

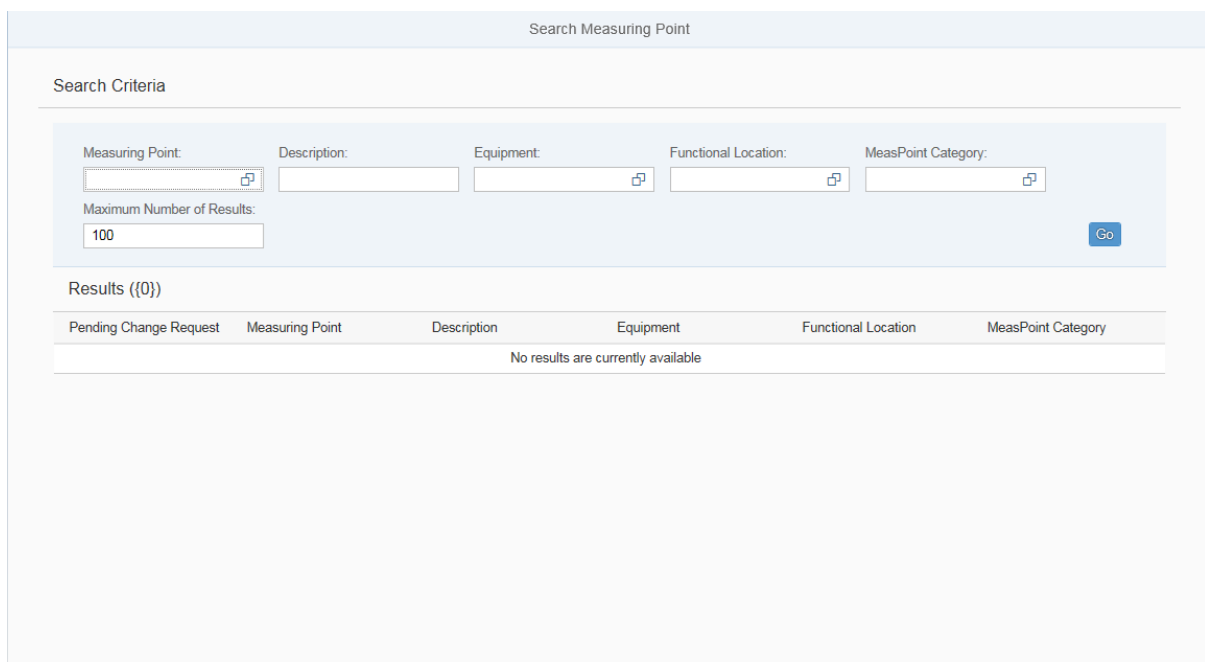


Figure 13: MDG EAM Fiori App – Change Measuring Point

Configuration Details

The following sections list app-specific data required to configure the app.

SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server.

Component	Technical Name
SAPUI5 Application	/UGIEAMUI/MSPTCHG

SAP Fiori Launchpad

The following data is required to provide the users access to the app in the SAP Fiori EAM Launchpad.

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_CH_TC_T	
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T	
Semantic Object	UGIEAMMSPTChange	
Action	changeMeasPoint	
SAPUI5 Application	/UGIEAMUI/MSPTCHG	
Business Catalog (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_CH_REQUESTOR_T	Master Data EAM Change Requestor (MDG) - Content
Business Group (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_CH_REQUESTOR_T	Master Data EAM Change Requestor (MDG)
PFCG role for Business Catalog	/UGIEAMUI/SAP_MDG_BCR_REQUEST	Master Data EAM Requestor (MDG) - Apps

OData Services

You must activate the following OData services on the front-end server.

Note

Users require PFCG authorization for the front-end and back-end systems.

OData Service	Version
/UGIOD01/MDG_EAM_MSPOINT_SRV	001

Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

Front-End Server: Activate OData Services

The MDG EAM OData services would be available under ICF node:
/default_host/sap/opu/odata/ugiod01/mdg_eam_mspoint_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_mspoint _srv (001)

Front-End Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node:
/default_host/sap/bc/ui5_ui5/ugieamui/msptchg

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/MSPTCHG

Change Maintenance Plan

This is a transactional application used for requesting a new change maintenance plan for an organization. This application is easily accessible to a user who has partial knowledge of Master data governance (MDG).

Key Features

The significant features for the application can be listed as following:

- Lean requestor form for MDG EAM Maintenance Plan Change new users.
- Option to upload attachments containing request details.
- Creates a Maintenance Plan Change CR with the basic data or minimum number of fields.
- F4 help in the form accepts manual entry and displays corresponding description of the field.

Technical Features

The technical features for the application can be listed as following:

- This application enables you to upload documents.
- For the security reasons, SAP recommends you install the appropriate virus scanner in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.



Note

For more information about virus scanning and scan profiles for SAP Fiori apps, see [Virus Scanning](#).

Product Features

A general business user without master data knowledge or SAP MDG application knowledge can request for creating a new MDG EAM Maintenance Plan Change.

Seatch Maintenance Plan

Search Criteria

Maintenance Plan:

Description:

Main Plan Category:

Maintenance Strategy:

MaintPlan Sort Field:

Maximum Number of Results:

Go

Results ({0})

Pending Change Request	Maintenance Plan	Description	Main Plan Category	Maintenance Strategy	MaintPlan Sort Field
No results are currently available					

Figure 14: MDG EAM Fiori App – Change Maintenance Plan

Configuration Details

The following sections list app-specific data required to configure the app.

SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server.

Component	Technical Name
SAPUI5 Application	/UGIEAMUI/MPCHG

SAP Fiori Launchpad

The following data is required to provide the users access to the app in the SAP Fiori EAM Launchpad.

Technical Configuration

Technical Catalog		/UGIEAMUI/SAP_MDG_CH_TC_T
TECHNICAL_PFCG_ROLE		/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object		UGIEAMMPMIChange
Action		changeMPMI
SAPUI5 Application		/UGIEAMUI/MPCHG
Business Catalog (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_CH_REQUESTOR_T	Master Data EAM Change Requestor (MDG) - Content

Business Group (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_CH_REQUESTOR_T	Master Data EAM Change Requestor (MDG)
PFCG role for Business Catalog	/UGIEAMUI/SAP_MDG_BCR_REQUEST	Master Data EAM Requestor (MDG) - Apps

OData Services

You must activate the following OData services on the front-end server.

Note

Users require PFCG authorization for the front-end and back-end systems.

OData Service	Version
/UGIOD01/MDG_EAM_MPMI_SRV	001

Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

Front-End Server: Activate OData Services

The MDG EAM OData services would be available under ICF node:

/default_host/sap/opu/odata/ugiod01/mdg_eam_mpmi_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_mpmi_srv (001)

Front-End Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node:

/default_host/sap/bc/ui5_ui5/ugieamui/mpchg

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/MPCHG

Change Task List

This is a transactional application used for requesting a new change task list for an organization. This application is easily accessible to a user who has partial knowledge of Master data governance (MDG).

Key Features

The significant features for the application can be listed as following:

- Lean requestor form for MDG EAM Task List Change new users.
- Option to upload attachments containing request details.
- Creates a Task List Change CR with the basic data or minimum number of fields.
- F4 help in the form accepts manual entry and displays corresponding description of the field.

Technical Features

The technical features for the application can be listed as following:

- This application enables you to upload documents.
- For the security reasons, SAP recommends you install the appropriate **virus scanner** in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.



Note

For more information about virus scanning and scan profiles for SAP Fiori apps, see [Virus Scanning](#).

Product Features

A general business user without master data knowledge or SAP MDG application knowledge can request for creating a new MDG EAM Task List Change.

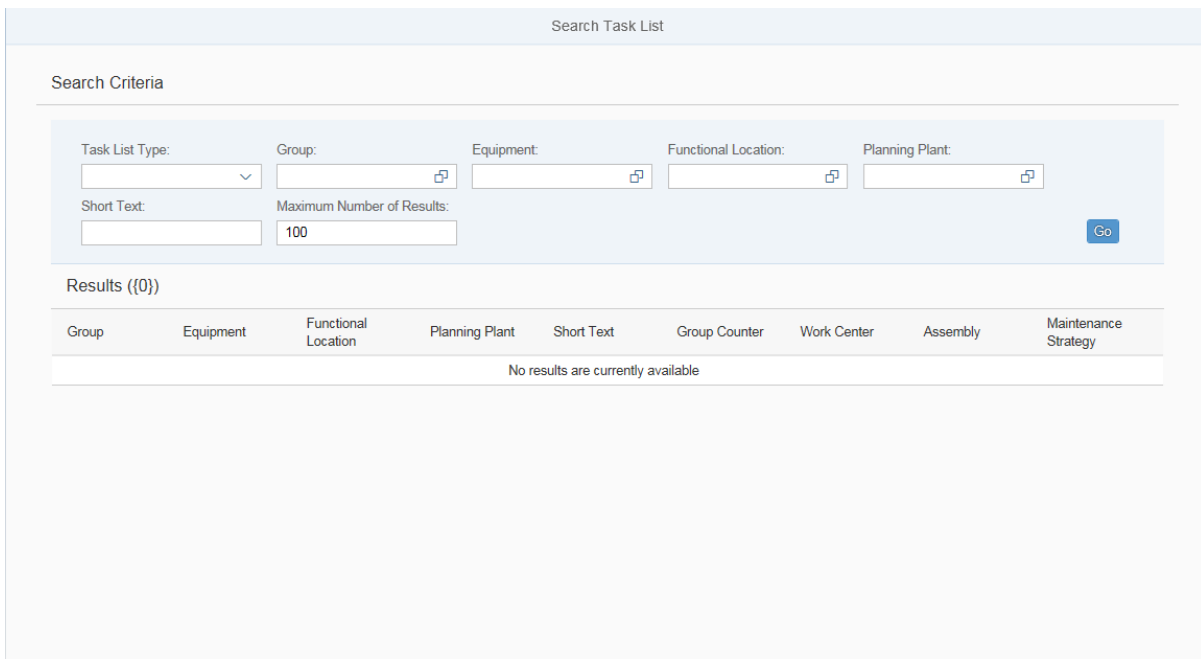


Figure 15: MDG EAM Fiori App – Change Task List

Configuration Details

The following sections list app-specific data required to configure the app.

SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server.

Component	Technical Name
SAPUI5 Application	/UGIEAMUI/TLCHG

SAP Fiori Launchpad

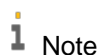
The following data is required to provide the users access to the app in the SAP Fiori EAM Launchpad.

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_CH_TC_T	
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T	
Semantic Object	UGIEAMTaskListChange	
Action	changeTaskList	
SAPUI5 Application	/UGIEAMUI/TLCHG	
Business Catalog (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_CH_REQUESTOR_T	Master Data EAM Change Requestor (MDG) - Content
Business Group (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_CH_REQUESTOR_T	Master Data EAM Change Requestor (MDG)
PFCG role for Business Catalog	/UGIEAMUI/SAP_MDG_BCR_REQUEST	Master Data EAM Requestor (MDG) - Apps

OData Services

You must activate the following OData services on the front-end server.



Users require PFCG authorization for the front-end and back-end systems.

OData Service	Version
/UGIOD01/MDG_EAM_TASKLIST_SRV	001

Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

Front-End Server: Activate OData Services

The MDG EAM OData services would be available under ICF node:

/default_host/sap/opu/odata/ugiod01/mdg_eam_tasklist_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_tasklist_srv (001)

Front-End Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node:
/default_host/sap/bc/ui5_ui5/ugieamui/tlchg

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/TLCHG

Change Work Center

This is a transactional application used for requesting a new change work center for an organization. This application is easily accessible to a user who has partial knowledge of Master data governance (MDG).

Key Features

The significant features for the application can be listed as following:

- Lean requestor form for MDG EAM Work Center Change new users.
- Option to upload attachments containing request details.
- Creates a Work Center Change CR with the basic data or minimum number of fields.
- F4 help in the form accepts manual entry and displays corresponding description of the field.

Technical Features

The technical features for the application can be listed as following:

- This application enables you to upload documents.
- For the security reasons, SAP recommends you install the appropriate **virus scanner** in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.



Note

For more information about virus scanning and scan profiles for SAP Fiori apps, see [Virus Scanning](#).

Product Features

A general business user without master data knowledge or SAP MDG application knowledge can request for creating a new MDG EAM Work Center Change.

Search Work Center

Search Criteria

Work Center:

Work Center Description:

Plant:

Work Center Category:

Person Responsible:

Maximum Number of Results:

Go

Results ({0})

Pending Change Request	Work Center	Work Center Description	Plant	Work Center Category	Person Responsible
No results are currently available					

Figure 16: MDG EAM Fiori App – Change Work Center

Configuration Details

The following sections list app-specific data required to configure the app.

SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server.

Component	Technical Name
SAPUI5 Application	/UGIEAMUI/WCCHG

SAP Fiori Launchpad

The following data is required to provide the users access to the app in the SAP Fiori EAM Launchpad.

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_CH_TC_T	
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T	
Semantic Object	UGIEAMWorkCenterChange	
Action	changeWorkCenter	
SAPUI5 Application	/UGIEAMUI/WCCHG	
Business Catalog (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_CH_REQUESTOR_T	Master Data EAM Change Requestor (MDG) - Content

Business Group (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_CH_REQUESTOR_T	Master Data EAM Change Requestor (MDG)
PFCG role for Business Catalog	/UGIEAMUI/SAP_MDG_BCR_REQUEST	Master Data EAM Requestor (MDG) - Apps

OData Services

You must activate the following OData services on the front-end server.

Note

Users require PFCG authorization for the front-end and back-end systems.

OData Service	Version
/UGIOD01/MDG_EAM_WORKCENTER_SRV	001

Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

Front-End Server: Activate OData Services

The MDG EAM OData services would be available under ICF node:

/default_host/sap/opu/odata/ugiod01/mdg_eam_workcenter_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_workcenter_srv (001)

Front-End Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node:

/default_host/sap/bc/ui5_ui5/ugieamui/wcchg

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/WCCHG

Change Object Links

This is a transactional application used for requesting a new change object link for an organization. This application is easily accessible to a user who has partial knowledge of Master data governance (MDG).

Key Features

The significant features for the application can be listed as following:

- Lean requestor form for MDG EAM Object Link Change new users.
- Option to upload attachments containing request details.

- Creates an Object Link Change CR with the basic data or minimum number of fields.
- F4 help in the form accepts manual entry and displays corresponding description of the field.

Technical Features

The technical features for the application can be listed as following:

- This application enables you to upload documents.
- For the security reasons, SAP recommends you install the appropriate virus scanner in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

Note

For more information about virus scanning and scan profiles for SAP Fiori apps, see [Virus Scanning](#).

Product Features

A general business user without master data knowledge or SAP MDG application knowledge can request for creating a new MDG EAM Object Link Change.

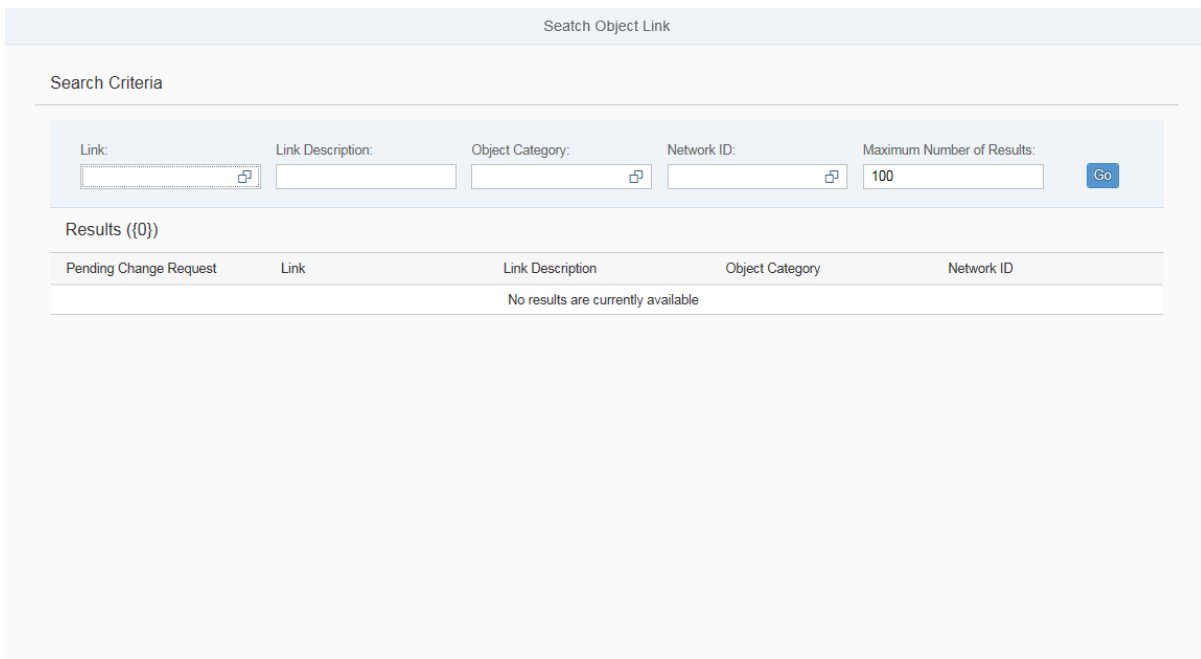


Figure 17: MDG EAM Fiori App – Change Object Link

Configuration Details

The following sections list app-specific data required to configure the app.

SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server.

Component	Technical Name
SAPUI5 Application	/UGIEAMUI/OLCHG

SAP Fiori Launchpad

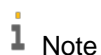
The following data is required to provide the users access to the app in the SAP Fiori EAM Launchpad.

Technical Configuration

Technical Catalog		/UGIEAMUI/SAP_MDG_CH_TC_T
TECHNICAL_PFCG_ROLE		/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object		UGIEAMObjectLinkChange
Action		changeObjectLink
SAPUI5 Application		/UGIEAMUI/OLCHG
Business Catalog (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_CH_REQUESTOR_T	Master Data EAM Change Requestor (MDG) - Content
Business Group (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_CH_REQUESTOR_T	Master Data EAM Change Requestor (MDG)
PFCG role for Business Catalog	/UGIEAMUI/SAP_MDG_BCR_REQUEST	Master Data EAM Requestor (MDG) - Apps

OData Services

You must activate the following OData services on the front-end server.



Note

Users require PFCG authorization for the front-end and back-end systems.

OData Service	Version
/UGIOD01/MDG_EAM_OBJECT_LINK_SRV	001

Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

Front-End Server: Activate OData Services

The MDG EAM OData services would be available under ICF node:
/default_host/sap/opu/odata/ugiod01/mdg_eam_object_link_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_object_link_srv (001)

Front-End Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node:
/default_host/sap/bc/ui5_ui5/ugieamui/olchg

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/OLCHG

Change Object Networks

This is a transactional application used for requesting a new change object network for an organization. This application is easily accessible to a user who has partial knowledge of Master data governance (MDG).

Key Features

The significant features for the application can be listed as following:

- Lean requestor form for MDG EAM Object Network Change new users.
- Option to upload attachments containing request details.
- Creates an Object Network Change CR with the basic data or minimum number of fields.
- F4 help in the form accepts manual entry and displays corresponding description of the field.

Technical Features

The technical features for the application can be listed as following:

- This application enables you to upload documents.
- For the security reasons, SAP recommends you install the appropriate **virus scanner** in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.



Note

For more information about virus scanning and scan profiles for SAP Fiori apps, see [Virus Scanning](#).

Product Features

A general business user without master data knowledge or SAP MDG application knowledge can request for creating a new MDG EAM Object Network Change.

Search Object Network

Search Criteria

Network ID:

Network Short Text:

Network Type:

Network Group:

Object Link:

Maximum Number of Results:
Go

Results (0)

Pending Change Request	Network ID	Object Type	Network Short Text	Network Group	Network Group Description	Network Type
No results are currently available						

Figure 18: MDG EAM Fiori App – Change Object Networks

Configuration Details

The following sections list app-specific data required to configure the app.

SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server.

Component	Technical Name
SAPUI5 Application	/UGIEAMUI/ONCHG

SAP Fiori Launchpad

The following data is required to provide the users access to the app in the SAP Fiori EAM Launchpad.

Technical Configuration

Technical Catalog		/UGIEAMUI/SAP_MDG_CH_TC_T
TECHNICAL_PFCG_ROLE		/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object		UGIEAMObjectNetworkChange
Action		changeObjectNetwork
SAPUI5 Application		/UGIEAMUI/ONCHG
Business Catalog (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_CH_REQUESTOR_T	Master Data EAM Change Requestor (MDG) - Content

Business Group (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_CH_REQUESTOR_T	Master Data EAM Change Requestor (MDG)
PFCG role for Business Catalog	/UGIEAMUI/SAP_MDG_BCR_REQUEST	Master Data EAM Requestor (MDG) - Apps

OData Services

You must activate the following OData services on the front-end server.



Note

Users require PFCG authorization for the front-end and back-end systems.

OData Service	Version
/UGIOD01/MDG_EAM_OBJECTNETWORK_SRV	001

Implementation Tasks

The following tasks are performed to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

Front-End Server: Activate OData Services

The MDG EAM OData services would be available under ICF node:
/default_host/sap/opu/odata/ugiod01/mdg_eam_objectnetwork_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_objectnetwork_srv (001)

Front-End Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node:
/default_host/sap/bc/ui5_ui5/ugieamui/onchg

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/ONCHG

Approve EAM Master Data

Approve EAM Master Data app is used to approve MDG master data change requests for a new or changed master data. Once a request is submitted by requestor, it must be approved by senior steward to create or change the master data in MDG. This app enables an approver to see the details of requested master data and approve or reject it accordingly.

You can use this app for the Equipment, Functional Location, MRO BOM, Measuring Points, Maintenance Plan, Task List and Work Center objects.

Key Features

The significant features for the application can be listed as following:

- Approves or rejects MDG EAM Master Data.
- Displays the changed CR also to approver for the master data approval.
- Displays only fields which have data entered by the requestor
- Downloads the requestor uploaded documents.

Technical Features

The technical features for the application can be listed as following:

- This app enables you to approve or reject MDG EAM Master Data.
- This app enables you to download documents supporting documents.

Product Features

A general business user without master data or SAP MDG application knowledge can approve the MDG EAM Master Data Request created by the requestor.

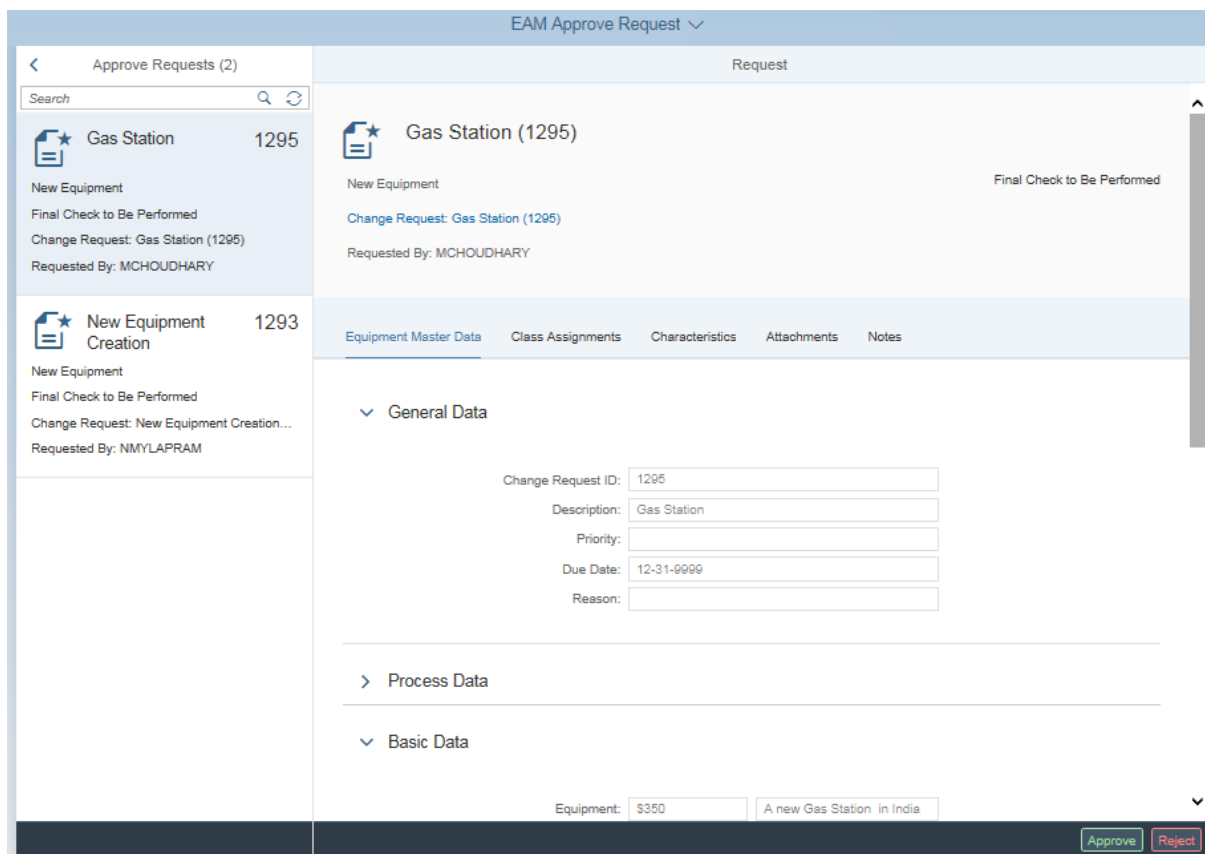


Figure 19: MDG EAM Fiori Approval App

Configuration Details

The following sections list app-specific data required to configure the app.

SAPUI5 Application

The ICF nodes for the following SAPUI5 application must be activated on the front-end server.

Component	Technical Name
SAPUI5 Application	/UGIEAMUI/APPR

SAP Fiori Launchpad

The following data is required to provide the users access to the app in the SAP Fiori EAM Launchpad.

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_TC_T
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object	UGIEAMApproveEAMCR
Action	approveChangeRequest
SAPUI5 Application	/UGIEAMUI/APPR

Business Catalog (Launchpad)	/UGIEAMUI/SAP_MDG_BC_APPROVER_T	Master Data EAM Approve (MDG) - Content
Business Group (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_APPROVER_T	Master Data EAM Approver
PFCG role for Business Catalog	/UGIEAMUI/SAP_MDG_BCR_APPROVE	Master Data EAM Approver (MDG) - Apps

OData Services

You must activate the following OData services on the front-end server.



Users require PFCG authorization for the front-end and back-end systems.

OData Service	Version
/UGIOD01/MDG_EAM_APPROVE_SRV	001

Implementation Tasks

Perform the below listed tasks to implement the required components of the app. The following tables contain the app-specific data required for these tasks.

Front-end Server: Activate OData Services

The MDG EAM OData services would be available under ICF node:
/default_host/sap/opu/odata/ugiod01/mdg_eam_appr_srv

Component	Technical Name
OData Service (Version Number)	/UGIOD01/MDG_APPROVE_CR_SRV/ (001)

Front-end Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node:
/default_host/sap/bc/ui5_ui5/ugieamui/appr

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/APPR

MDG EAM Fiori App Launchpad

MDG EAM Fiori App Launchpad consists of three main objects. They are the Master Data EAM Requestor, Master Data EAM Change Requestor and the Master Data EAM Approver. The objects are further sub divided into multiple objects.

The following screen displays the MDG Fiori App Launchpad:

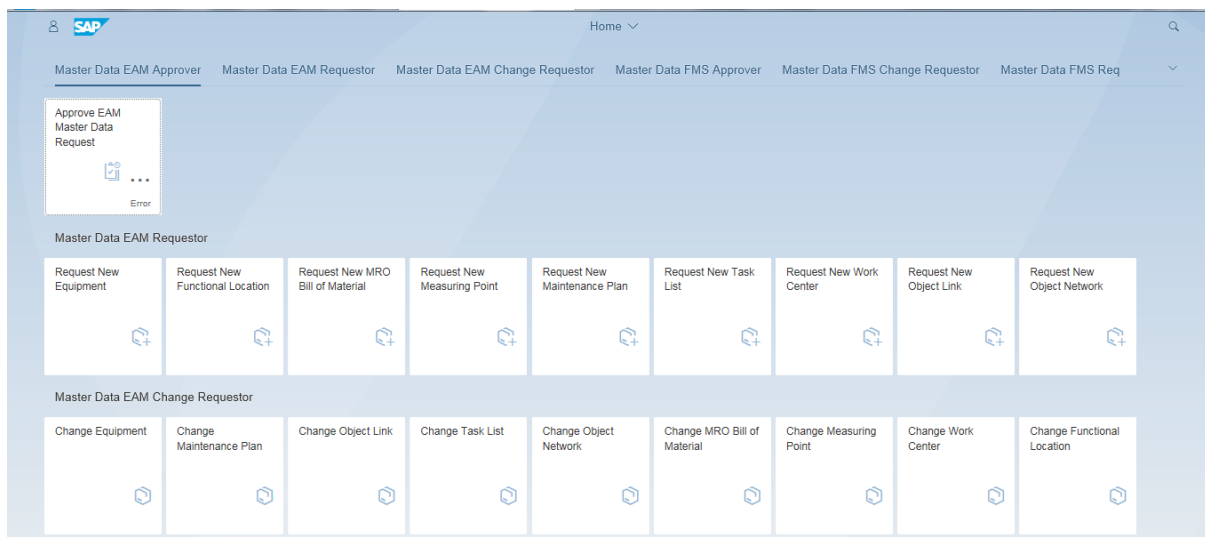


Figure 20: MDG EAM Fiori App Launchpad

Additional Steps

You can also execute the following steps:

1. Enable App for Access in SAP Fiori Launchpad
2. Defining the access of single users to this app in the SAP Fiori Launchpad
3. Delivering the technical content such as catalogs and example roles.

Front-End Server and Back-End Server

Assigning OData Service Authorizations to Users. You must assign OData service authorizations for the app to your users.

Implementing Lean Request Apps in Master Data Governance EAM (MDG EAM)

The SAP Fiori EAM Lean Request Apps for Master Data Governance EAM (MDG EAM) are to help a user with less expertise in master data handling, but can create a new organization for areas such as customer and supplier. Such users with limited information can easily send a request to the master data expert.

The following SAP Fiori applications are delivered out-of-the-box for the MDG EAM lean request scenario:

- [Request New Equipment](#)
- [Request New Functional Location](#)
- [Request New MRO Bill of Material](#)
- [Request New Measuring Point](#)
- [Request New Maintenance Plan](#)
- [Request New Task List](#)
- [Request New Work Center](#)
- [Request New Object Links](#)
- [Request New Object Networks](#)
- [Change Equipment](#)
- [Change Functional Location](#)
- [Change MRO Bill of Material](#)
- [Change Measuring Point](#)
- [Change Maintenance Plan](#)
- [Change Task List](#)
- [Change Work Center](#)
- [Change Object Links](#)
- [Change Object Networks](#)
- [Approve EAM Master Data](#)

Prerequisites

- MDG_FOUNDATION_5 business function is activated.
- /UGI/ & /UGI1/ Add-On Components are installed for EAM MDG
- System Alias and Activate OData Services are assigned.

Note

The list of System Alias and Activate OData Services is mentioned in [Appendix 2](#) and [Appendix 3](#) below.

- You must activate the following stated lists of EAM objects to access the Change Request types for the Fiori applications

Applications	Business Functions	Change Request Types	Business Activities
Equipment		EQMAST01	UEQ1
Functional Location		FUNCLO01	UFL1
MRO BOM		MATBOM01	UMB1
Measuring Point		MEASPT01	UMS1

Applications	Business Functions	Change Request Types	Business Activities
Maintenance Plan		MPLAN01	UMP1
Task List		TSLIST01 TLFL01 TLEQ01	UTL1, FTL1, ETL1
Work Center		WRKCTR01	UWC1
Object Link		OBJLNK01	UOL1
Object Network		OBJNET01	UON1
Change Equipment		EQMAST02	UEQ2
Change Functional Location		FUNCLO02	UFL2
Change MRO Bill of Material		MATBOM02	UMB2
Change Measuring Point		MEASPT02	UMS2
Change Maintenance Plan		MPLAN02	UMP2
Change Task List		TSLIST02 TLFL02 TLEQ02	UTL2, FTL2, ETL2
Change Work Center		WRKCTR02	UWC2
Change Object Link		OBJLNK02	UOL2
Change Object Network		OBJNET02	UON2
Approve EAM Master Data			

Appendix 2: Glossary and Abbreviations

This section describes the important terms and abbreviations used in this document.

Term / Abbreviation	Description
CR	Change Request
DB	Database
EAM	Enterprise Asset Management
GW	Gateway
ICF	Internet Communication Framework
IDoc	Intermediate Document
MRO	Maintenance, Repair, and Overhaul
NW	NetWeaver
OData	Open Data Protocol
T-code	SAP Transaction Code

Term / Abbreviation	Description
UI	User Interface
NW	NetWeaver